



CPS ENERGY
POLE ATTACHMENT STANDARDS



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CPS Energy Pole Attachment Standards

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SECTION I.

STATEMENT OF PURPOSE



I. STATEMENT OF PURPOSE

Given the increasing and varied demands of pole use by a large number of disparate communications providers in the San Antonio area, CPS Energy has established these Pole Attachment Standards (Standards) to govern access to and use of CPS Energy Poles. Applicable to all communications providers and other stakeholders for attachment of Communications Facilities, Wireless Installations, and Banner Attachments, these Standards provide for a non-discriminatory, consistent, and streamlined approach for the access and use of CPS Energy Poles in a manner that will facilitate the delivery of the variety of communication services offered today, as well as to assist with speed-to-market processes for future technologies in a manner that is consistent with the safe and reliable operation of CPS Energy Facilities. These Standards will work to ensure that CPS Energy and all communications providers and other stakeholders attaching to CPS Energy Poles comply with all applicable laws, standards, regulations, and ordinances.

In adopting these Standards, CPS Energy has attempted to incorporate new and evolving best practices and recommendations that have been developed and endorsed at the national level, such as the Federal Communications Commission's (FCC) recommendations in its National Broadband Plan¹ related to the ability of Attaching Entities to perform Make-Ready Work by utility-approved and qualified contractors. Consistent with the FCC's rules, the Standards also mirror and incorporate national safety standards and federal requirements, such as those developed by the Occupational Safety and Health Administration (OSHA) that are aimed at ensuring the safety of workers and maintaining a safe work environment.² At the same time, these Standards, like the FCC's pole attachment access rules, do not woodenly apply national standards when CPS Energy's unique operational experiences and requirements dictate the application of policies, practices, and standards that are more stringent or different than national standards. As the FCC noted,

Despite this specificity, the introduction to the NESC [National Electric Safety Code] states that the code "is not intended as a design specification or an instruction manual... In addition to operating under federal, state, and local requirements, a utility normally will have its own operating standards that dictate conditions of access. Utilities have developed their own individual standards and incorporated them into pole attachment agreements because industry-wide standards and applicable legal requirements are too general to take into account all of the variables that can arise. A utility's individual standards cover not simply its policy with respect to attachments, but all aspects of its business...Particular utility work methods and equipment may require specific

¹ *Connecting America: the National Broadband Plan*, at 111 (adopted Mar. 15, 2010), available at <http://transition.fcc.gov/national-broadband-plan/national-broadband-plan.pdf>.

² <https://www.osha.gov/as/opa/worker/employer-responsibility.html>



separations between attachments and may restrict the height of the poles that a utility will use... The number of variables makes it impossible to identify and account for them all for purposes of prescribing uniform standards and requirements. Universally accepted codes such as the NESC do not attempt to prescribe specific requirements applicable to each attachment request and neither shall we.³

While CPS Energy has looked to FCC pole attachment access rules for guidance, CPS Energy is not bound by such regulations. State law requires CPS Energy to provide Certificated Providers and Wireless Providers with non-discriminatory access to its utility distribution poles for the purpose of installing wire Attachments and Wireless Installations, respectively. In addition, CPS Energy must establish annual pole attachment rates at a level not to exceed the rate that would result from the application of the FCC's telecommunications pole attachment formula. Otherwise, the federal Pole Attachment Act and the FCC's pole attachment regulations are not applicable to CPS Energy. Private Networks Attachments and Banner Attachments fall outside the scope of these legal requirements. Nevertheless, CPS Energy will grant non-discriminatory access to its Poles for Private Networks Attachments and Banner Attachments taking into account the burdens that these and all other Attachments place on CPS Energy Facilities.

Consistent with these legal requirements and the voluntary commitment of CPS Energy, under these Standards, wire Attachments may be installed on CPS Energy's utility distribution Poles. Wireless Installations will have access to utility distribution Poles and Overhead Streetlight Poles, subject to certain restrictions and Make-Ready Work requirements. Banner Attachments will have access to utility distribution Poles and Streetlight Poles, subject to certain restrictions and Make-Ready Work requirements. Consistent with the rate design for wire Attachments, which is based on the rental of one foot of pole space, and pursuant to Chapter 284 of the Texas Local Government Code, Wireless Installations will be assessed annual rent based on the number of feet of Pole use.

From a holistic perspective, the Standards seek to balance the competing needs and interests of multiple and varied communications providers and other eligible stakeholders to access and utilize CPS Energy's distribution infrastructure, while at the same time recognizing that the core purpose and function of this infrastructure is for CPS Energy's safe and reliable distribution and delivery of electric services to CPS Energy customers. Hence, the use of any CPS Energy's Poles or other facilities must at all times ensure the continued operational integrity, safety, and reliability of CPS Energy's Facilities, electric services, personnel, and the general public.

³ *In the Matter of Implementation of the Local Competition Provisions in the Telecommunications Act of 1996, First Report and Order*, ¶¶ 1147-1149 (rel. August 8, 1996)



These Standards are organized into seven parts:

- Section I** this introductory section explaining the purpose of the Standards
- Section II** sets out general administrative provisions
- Section III** sets out general technical provisions
- Section IV** sets out the specifications applicable to wire Attachments
- Section V** sets out the specifications applicable to Wireless Installations
- Section VI** sets out the specifications applicable to Banner Attachments
- Section VII** contains the Appendices referenced in these Standards

Upon their effective date, these Pole Attachment Standards shall be enforceable by CPS Energy at all times upon any entity that attaches its facilities to a CPS Energy-owned Pole regardless of the status of any type of contract Pole Attachment Contract, Application, or Permit.

These Standards shall be interpreted liberally. It is CPS Energy’s intent to apply generally applicable requirements in a similar manner to all Attaching Entities, and to avoid interpretations that are contradictory, irrational, or unfair. These Standards are intended to apply in a non-discriminatory manner; however, this does not mean the same treatment under all circumstances or to differently situated Attaching Entities. CPS Energy reserves the right to interpret these Standards consistent with the guiding principles of ensuring safety, network reliability, and customer service. At no time shall these Standards be interpreted to jeopardize safety, network reliability, or customer service.

CPS Energy reserves the right to amend these Standards at any time and manner in response to market conditions and as necessary to comply with changes in applicable engineering and/or safety standards or changes in local, state or federal law. Any such changes will be applied in a non-discriminatory manner with respect to similarly situated entities and facilities.

To the extent that issues arise that have not been contemplated by these Standards, CPS Energy will work with the Attaching Entities to find a solution that effectively addresses the issue consistently with these Standards.

These Standards supersede all prior CPS Energy pole attachment rules and regulations. Amendments to these Standards will become effective following a notice period as provided in this document and the return of a letter accepting the amendments, as provided in the applicable Pole Attachment Contract.



SECTION II.

GENERAL ADMINISTRATIVE PROVISIONS



II. GENERAL ADMINISTRATIVE PROVISIONS

A. Definitions

For the purposes of these Standards, the following terms, phrases, words, and their derivations shall have the meaning given herein. When not inconsistent with the context, words used in the present tense include the future tense, words in the plural number include the singular number, and words in the singular number include the plural number. The words “shall” and “will” are mandatory and “may” is permissive. Words not defined shall be given their common and ordinary meaning.

1. **Affiliate** means when used in relation to an Attaching Entity, another entity that owns or controls, is owned or controlled by, or is under common ownership or control with the Attaching Entity.
2. **Antenna** means an FCC authorized electrical device by which electromagnetic waves are sent out or received. Antennas are inventoried Wireless Installation components.
3. **Antenna Area** means the area on a Pole or Overhead Streetlight Pole where the Antenna is installed, which is a component of a Wireless Installation. For a Wireless Installation that utilizes the top of a Pole, the Antenna Area shall be the Pole Top Space.
4. **Applicable Engineering Standards** means all applicable engineering and/or safety standards governing the installation, maintenance, and operation of facilities, and the performance of all work in or around CPS Energy’s Facilities and includes CPS Energy’s clearance standards, the National Electrical Safety Code (NESC), the National Electrical Code (NEC), the Texas Health & Safety Code, Chapter 752 (Vernon 1992) and any subsequent amendments which relate to the maintenance of proper clearances and related safety issues, the regulations of the Occupational Safety and Health Act (OSHA), applicable regulations of the Federal Communications Commission (FCC), the Environmental Protection Agency (EPA), lawful requirements of Public Authorities, and/or other requirements of CPS Energy that are non-discriminatory to each Attaching Entity as compared to all other similarly situated Attaching Entities and types of facilities.



5. **Application** means a complete Application for a Permit submitted by an Attaching Entity to CPS Energy for the purpose of requesting consent to install a new Attachment, Overlash, Wireless Installation, or Banner Attachment onto or supported by one or more CPS Energy Poles or Streetlight Poles, as appropriate. Mid-Span Installations do not require Applications, but a Notification of Mid-Span Installations (as defined below) instead. [While Service Drops are Attachments, Service Drops installed within the Attaching Entity's previously authorized Attachment Space do not require a separate Permit Application to be filed. The above notwithstanding, all such Service Drop installations must be reported pursuant to a quarterly "Service Drop Report," the form for which is provided in Appendix B.](#)
6. **Application Fee** means the non-refundable fee described in Appendix H of these Standards, compensating CPS Energy for the administrative and other work required to process and review an Application.
7. **Application Form** means the form(s), provided in Appendix B, an Attaching Entity is required to submit to CPS Energy, along with all applicable documents, as part of a complete Application in order to request a Permit. Such forms include the Application for Pole Attachment Permit, [Overlash Permit](#), Application for Wireless Installation Permit, and Application for Banner Permit. ~~A Mid-Span Installation does not require an Application; rather, an Attaching Entity seeking to attach a Mid-Span Installation shall submit the "Mid-Span Installation Notification Form" found in Appendix B, along with all applicable supporting information and documentation.~~
8. **Attaching Entity** means any eligible person, public entity, or private company or corporation that places a wire Attachment, Banner Attachment, or Wireless Installation on a CPS Energy Pole or Streetlight Pole, as appropriate, in accordance with CPS Energy's applicable requirements, including an applicable contract Pole Attachment Contract and these Standards, to provide Communications Service, Wireless Service, or Commercial Mobile Radio Service, operate a Private Network, or provide Banner Advertisement service. Throughout these Standards, the term "Attaching Entity" includes a Wireless Provider and Banner Attacher, as appropriate in context.
9. **Attaching Entity Registration & Annual Reporting Form** means the initial registration form, provided in Appendix A, a Requestor must submit in order to enter into a Pole Attachment, Wireless Installation, or Banner Attachment Agreement, as appropriate, with CPS Energy; and which must be updated annually by September 1st of each year, or as changes warrant.



10. **Attachment** means (a) each aerial cable together with its associated Messenger cable, guy wire, anchors, and associated hardware, and each amplifier, repeater, receiver, appliance or other device or piece of equipment, whether comprised of steel, aluminum, copper, coaxial, optical fiber, or other media or material utilized to provide Communications Services; and (b) any hardware or equipment identified as (i) a Communications Facility affixed to a CPS Energy Pole utilizing one foot or less of Communication Space, or (ii) a Mid-Span Installation utilizing the same one foot of Communication Space as the Messenger cable to which it is attached. An Attachment occurs whether Attaching Entity's Communications Facilities are connected to the Pole itself or are supported by an Attachment Arm, bracket, support stand, or other support devices, ~~provided however that Overlapping an existing permitted Attachment and Service Drops shall not count as separate Attachments.~~ This definition shall not apply to communications wires or facilities installed by CPS Energy for its own internal communications requirements or energy Information Services such as automated meter reading.
11. **Attachment Arm** means a CPS Energy approved metal or fiberglass bracket used to support attaching wires away from the face of the Pole in order to clear risers or other obstacles. Standoff brackets will not be allowed for the specific purpose of achieving the forty (40") inch vertical clearance from the Neutral as required by Applicable Engineering Standards.
12. **Attachment Connection Fee** means the total annual rental payment assessed by CPS Energy to each Attaching Entity determined by multiplying [Attachment Rate] x [total feet of Communications Space occupied by authorized ~~number of~~ Attachments for the Attaching Entity, measured in one-foot increments], as described in Appendix H
13. **Attachment Rate** means the annual rate for one foot of space as determined by CPS Energy consistent with Texas Utilities Code, §54.204(c).
14. **Authorization for Make-Ready Work** means the form, provided in Appendix B, CPS Energy shall issue to an Attaching Entity that ~~request's~~ requests the Attaching Entity's authorization for CPS Energy to undertake Make-Ready Electrical Construction. The Authorization for Make-Ready Work form shall also provide an estimate for the advanced payment cost required to be paid for the Make-Ready Electrical Construction.



15. **Backhaul Network Interface Device** means the network interface enclosure that mark the location where a Communications Facility interconnects with a pole-mounted Wireless Installation for the purpose of providing telecommunications transport service between the Wireless Installation and the host network. The Backhaul Network Interface Device shall be considered the point of demarcation between the Wireless Installation and the provider of telecommunications transport service.
16. **Banner** means a temporary sign made of light weight fabric affixed to or supported by one or two Poles or Streetlight Poles in compliance with Section 28-6 of the City of San Antonio Code of Ordinances, or the appropriate city ordinance of a suburban city within CPS Energy’s service area where the pole structures supporting the temporary sign are located on Public Right of Way. A Banner may be Single Pole Banner or Double Pole Banner.
17. **Banner Attacher** means the person, public entity, or private company or corporation that has executed a Banner Attachment Agreement and is authorized to affix the pole-mounted hardware components of a Banner Attachment to a Pole or Streetlight Pole and to temporarily display a Single Pole Banner or Double Pole Banner.
18. **Banner Attachment** means permanently installed pole-mounted anchors, guy wires, hooks, brackets, fasteners, and related hardware installed on a Pole or Streetlight Pole for the purpose of supporting or suspending a Single Pole Banner or Double Pole Banner.
19. **Banner Attachment Agreement** means an executed agreement between CPS Energy and a Requestor that grants a general license to access Poles and/or Streetlight Poles for the purpose of installing Banner Attachments and Banners pursuant to the specifications of these Standards, and adopts and incorporates these Standards by reference, and under which the Requestor agrees to abide by the terms and conditions of the agreement as well as duties and obligations of these Standards as they may be amended from time to time. The agreement shall include additional legal protections and obligations of the parties not specifically covered in the Standards. A Banner Attachment Agreement may be referred to generally in the Standards as a “Pole Attachment Contract.”
20. **Banner Advertisement** means the private or commercial speech which makes up the content of a Banner and which is regulated within their respective jurisdictional



boundaries by the City or other suburban cities located within CPS Energy's service area.

21. **Banner Attachment Rate** means the same annual rental rate as the Attachment Rate.
22. **Banner Attachment Connection Fee** means the total annual rental payment assessed by CPS Energy to each Banner Attacher determined by multiplying [Banner Attachment Rate] X [Total number of permitted Banner Attachments] X [Total number of pole feet reserved by the Banner Attachment hardware to display Banners].
23. **Banner Permit** means the written or electronic authorization from CPS Energy related to Banner Attachment hardware mounted unto a Pole or Streetlight Pole and pursuant to applicable city ordinance signage regulations, and the requirements of the Banner Attachment Agreement and these Standards.
24. **Cabinet Area** means the area of a Pole excluding Overhead Streetlight Pole where the Wireless Equipment Cabinet and Backhaul Network Interface Device are installed adjacent to each other as part of a Wireless Installation. For a Wireless Installation that does not utilize the top of a Pole, the Cabinet Area shall be located below the Antenna Area.
25. **Cable Services** means the provision of one-way transmission to subscribers of video programming, or other programming service, and subscriber interaction, if any, which is required for the selection or use of such video programming or other programming service by a cable system. Cable Services shall not include Information Services or Video Services, as defined in the Texas Utilities Code §66.002.
26. **Capacity** means the ability of an existing Pole to accommodate an additional Attachment, Overlash, Wireless Installation, or Banner Attachment based on Applicable Engineering Standards, including space, design, and loading considerations.
27. **Certificated Provider** means a competitive service provider of Communications Services, Cable Services, or Video Services that has received a Certificate of Convenience and Necessity, Certificate of Operating Authority, Service Provider Certificate of Operating Authority, or State Issued Certificate of Franchising Authority from the Public Utility Commission of Texas.
28. **City** means the City of San Antonio, Texas.



29. **Civic Project** means any specific project that requires adjustments of CPS Energy Poles, Streetlight Poles, or other CPS Energy Facilities to accommodate federal, state, city, or county roadway reconstruction/widening, drainage improvements, or other type of civic improvement project (reimbursable to CPS Energy or not) within the Public Right of Way.
30. **Commercial Mobile Radio Service or CMRS** has the meaning given by federal law at 47 C.F.R. §203.3.
31. **CMRS Provider** means an FCC-authorized provider of CMRS.
32. **Collection Notice Letter** means a letter of notification produced by the CPS Energy Claims Department itemizing charges owed to CPS Energy as a result of damages to CPS Energy Facilities caused by an Attaching Entity, or its contractors, subcontractors, or agents, or by a third-party causing damage to the Attaching Entity's Attachments, Communication Facilities, Wireless Installations, or Banner Attachments and by extension to CPS Energy Facilities. This letter constitutes CPS Energy's tender for recovery of all costs associated with repairs to the damaged facilities.
33. **Communications Facility** means a wire or cable facilities including, but not limited to, a fiber optic, copper and/or coaxial cable or wire utilized by an Attaching Entity to provide Communications Services, including any and all associated equipment. A Communications Facility also includes a Messenger or other material, appurtenance, or apparatus of any sort necessary or desirable for use in the provision of an Attaching Entity's Communications Services. A Communication Facility shall not include Wireless Equipment.
34. **Communications Services** means the provision of service, including but not limited to Telecommunications Services, Cable Services, Video Services, or Information Services over wire or cable facilities utilizing Attachments to Poles. This definition excludes Attachments made by private entities and public organizations, such as schools, universities, and units of local government, that operate a Private Network used for non-commercial communications purposes.
35. **Communications Space** means the portion of a Pole's usable space designated for the installation of Communications Facilities, the top of which is forty (40) inches below CPS Energy's Neutral or lowest electrical supply conductor.



36. **Communication Worker Safety Zone** means that space on a Pole measured from the location of the Neutral to a location forty (40) inches below the Neutral as described in the NESC.⁴
37. **Competitive Provider – Area Wide Network Deployment Process** means the Application submission and Permit approval process applicable to a Certificated Provider engaged in a broadband network deployment within the CPS Energy service area characterized by an Attaching Entity’s submission of Applications to attach or Overlash to Poles that would result in an estimated replacement of eighty (80) or more Poles per month; and the responsibility to prepare Make-Ready Engineering, manage Make-Ready Electrical Construction and Make-Ready Communications Construction, and incur all expenses associated with Make-Ready Work.
38. **Competitive Provider – Network Upgrade Process** means the Application submission and Permit approval process applicable to a Certificated Provider engaged in a broadband network deployment within the CPS Energy service area; and the responsibility to prepare Make-Ready Engineering, manage Make-Ready Communications Construction, the option to manage Make-Ready Electrical Construction, and incur all expenses associate with Make-Ready Work.
39. **Completion of Attaching Entity Construction** means the form, provided in Appendix B, an Attaching Entity shall issue to CPS Energy providing written notice of completion of either (1) Make-Ready Communication Construction, (2) Make-Ready Wireless Installation Construction, (3) Make-Ready Electrical Construction, or (4) Make-Ready Banner Attachment Construction as appropriate.
40. **Complex Transfer** means the transfer or relocation of a third-party Attachment or Overlash onto a CPS Energy Pole that will require cutting and splicing of a Communication Facility resulting in a network and/or customer outage affecting the Attaching Entity that owns the Communication Facility subject to transfer or relocation, or the transfer or relocation of such an Attached or Overlash Communication Facility located over and across a state or federal highway.
41. **Customer** means a CPS Energy electric customer that has established an electric service account and that is receiving the electric service at a specified point of delivery from CPS Energy’s electric distribution system in compliance with CPS

⁴ NESC, Rule 235.C.4 and 238.E, C2-2017.



Energy’s Electric Service Standards and all applicable local, state, and federal codes and regulations.

42. **CPS Energy Facilities** means all personal property and real property owned or controlled by CPS Energy, including Poles and Streetlight Poles.
43. **Critical Communications Facility** means a Communications Facility that must provide “always on” connectivity for public safety communications or public health operations whose failure would pose a potential imminent threat to public health or safety.
44. **Deployment Plan** means a document prepared by an Attaching Entity that shall include: (1) footprint of the network buildout illustrated in a map depicting the municipal jurisdiction, or parts thereof, within the CPS Energy service area expected to be covered by the project; (2) overall network deployment schedule and phasing; (3) map of backbone fiber rings routes, if any; (4) description of overall physical plant architecture and design; (5) description of typical Service Drop installations; (6) estimated number of Poles expected to be attached to including a reasonable “ramp-up” and “ramp-down” plan; (7) project and corporate organizational chart for the Attaching Entity; and (8) signature page attesting to the veracity of the Deployment Plan executed by an authorized officer of the Attaching Entity. A Deployment Plan is required only under the Competitive Provider – Area Wide Network Deployment Process and the Competitive Provider – Network Upgrade Process.
45. **Distributed Antenna System or DAS System** means an outdoor system of Antenna nodes and associated Wireless Equipment Cabinets attached to Poles or Overhead Streetlight Poles interconnected by one or more fiber or coaxial cable Communication Facilities and supported by communications equipment and components housed within a hut structure located on private or public property away from CPS Energy Facilities.
46. **Downtown Decorative Streetlight Pole** means a Decorative Streetlight Pole whose luminaire is fed by downtown underground electrical distribution facility owned by CPS Energy.
47. **Downtown Decorative Wireless Antenna Streetlight Pole** means a stealth Decorative Streetlight Pole that hosts a Wireless Providers’ antenna equipment, has cables routed internally and whose luminaire is fed by a downtown underground electrical distribution facility owned by CPS Energy.



48. **Double Pole Banner** means a horizontally installed Banner made of light weight fabric, non-toxic material, with 1/12” to 4” open-weave nylon or polyester net, with dimensions not to exceed 36’ x 4’ which may be temporarily affixed across or along a Public Right of Way supported by a guy wire running along the top of the Banner, attached to two Poles, and installed below the Communications Space.
49. **Electrical Space or Supply Space** means the upper portion of a Pole reserved for the installation of electric distribution facilities to support existing and planned electric distribution equipment as described in the NESC.
50. **Emergency** means the existence of a situation which, in the reasonable discretion of CPS Energy or the Attaching Entity, if not remedied immediately will result in a threat to public safety, a hazardous condition, damage to property or a service outage.
51. **Engineer** means any licensed professional engineering firm approved by CPS Energy to complete Engineering work on CPS Energy Facilities.
52. **Federal Communications Commission (FCC)** means the independent federal agency established to regulate, in the public interest, communications by radio and wire.
53. **Information Services** means the offering of a capability for generating, acquiring, storing, transforming, processing, retrieving, utilizing, or making available information via telecommunications, and includes electronic publishing and cable modem service, but does not include any use of any such capability for the management, control, or operation of a telecommunications system or the management of a telecommunications service.
54. **Infrastructure Provider** means an Attaching Entity that is a Wireless Provider, which may or may not be a Certificated Provider, that owns no licensed frequencies, but that invests in Wireless Installations for the purpose of leasing its Communications Facilities and Wireless Installations to a CMRS Provider that utilizes such facilities to embed proprietary technology that allows the leased facilities to transmit and receive the CMRS Provider’s licensed frequencies. Such leased facilities are interconnected with the CMRS Providers wireless network to expand network capacity.
55. **Infrastructure Provider Sublicensee** means a CMRS Provider that leases Communication Facilities and Wireless Installations from an Infrastructure Provider



for the purpose of providing or expanding wireless network capacity that has executed an Infrastructure Provider Sublicensee Wireless License Agreement.

56. **Infrastructure Provider Sublicensee Wireless License Agreement** means an executed agreement between CPS Energy and an Infrastructure Provider Sublicensee that grants a license to use CPS Energy Poles and Overhead Streetlight Poles, as appropriate, for the purpose of operating a wireless network. The agreement recognizes, among other issues, that the Infrastructure Provider Sublicensee leases Wireless Installations owned by an Infrastructure Provider and that CPS Energy shall look to the Infrastructure Provider for compliance with these Standards, but otherwise the Infrastructure Provider Sublicensee has a duty to ensure that its proprietary technology and FCC licensed frequencies do not result in any Wireless Interference with CPS Energy’s wireless systems and equipment. The agreement includes additional legal protections and obligations of the Parties not specifically covered in the Standards. An Infrastructure Provider Sublicensee Wireless License Agreement may be referred to generally in the Standards as a “Pole Attachment Contract.”
57. **Intermodulation Test** means a report that contains a mathematical model identifying potential Wireless Interference based on computational harmonic mixing of proposed and existing transmit and receive frequencies in the immediate vicinity.
58. **Inventory** means a complete count of all Authorized and Unauthorized Attachments, Banner Attachments, and Wireless Installations on CPS Energy-owned Poles and Streetlight Poles within the CPS Energy service territory.
59. **Joint Meeting Transfer** means the coordinated transfer of a pole-mounted Wireless Installation by its owner to take place at the same time as an Attaching Entity schedules the installation of a new Attachment, Overlash, or Mid-Span Installation onto or supported by the same Pole that hosts the Wireless Installation, which requires adjustments of existing Attachments or Pole replacement as part of the One-Touch Transfer Process.
60. **Joint Trench Agreement** means an executed agreement between CPS Energy and a Joint Trencher that grants access to certain underground trenches for the installation by Joint Trencher of its conduits, ducts, and facilities in such trenches. A Joint Trench Agreement shall include additional legal protections and obligations of the parties not specifically covered in the Standards. A Joint Trench Agreement may be referred to generally in the Standards as a “Joint Trench Agreement.”



61. **Make-Ready Banner Attachment Construction** means that portion of Make-Ready Work associated with construction work required to install a Banner Attachment necessary to support a Double Pole Banner below the Communications Space of a Pole, or a Single Pole Banner on a Streetlight Pole, including, but not limited to the movement, transfer, relocation, or modification of an existing Attachment or Overlash, or Mid-span Installation; the replacement of a Pole; and all other construction activities necessary to accommodate the hardware components of the Banner Attachment.
62. **Make-Ready Charges** means all reasonable administrative, engineering design, construction, inspection, and management charges associated with Make-Ready Work.
63. **Make-Ready Communication Construction** means that portion of Make-Ready Work associated with construction work requiring access to Communication Facilities within the Communication Space of a Pole, including, but not limited to the movement, transfer, relocation, or modification of an existing Attachment Overlash, or Mid-span Installation; the replacement of a Pole; and all other construction activities necessary to accommodate the installation of a new Attachment Overlash, or Mid-span Installation. Make-Ready Communications Construction shall include, where applicable, the nexus between aerial and underground communication construction.
64. **Make-Ready Electrical Construction** means that portion of Make-Ready Work associated with construction work requiring access to CPS Energy Facilities within the Electrical Space, which includes, but is not limited to the movement, transfer, relocation, or modification of CPS Energy electric distribution facilities; the replacement of a Pole; and all other construction activities necessary to accommodate the installation of a new Attachment, Overlash, or Wireless Installation. Make-Ready Electrical Construction shall include, where applicable, the nexus between aerial and underground electrical construction.
65. **Make-Ready Engineering** means that portion of Make-Ready Work associated with the preparation, submission, review, and approval of the Attaching Entity's Application for Attachment, Banner Attachment, or Wireless Installation Permit. Make-Ready Engineering shall include, but not limited to, the preparation of the following in support of the Application: the Pre-Construction Survey; the engineering design document(s) for Make-Ready Electrical Construction, Make-Ready Communications Construction, Make-Ready Banner Attachment Construction, and



Make-Ready Wireless Installation Construction; and the submission of such documents to CPS Energy for review, potential modification, and approval. Make-Ready Engineering shall include, where required, the approval of a professional engineer, and the engineering design specifications related to the nexus between aerial and underground construction of Communications Facilities as part of Make-Ready Communications Construction of a Wireless Installation as part of Make-Ready Wireless Construction, and of electrical distribution facilities as part of Make-Ready Electrical Construction.

66. **Make-Ready Wireless Installation Construction** means that portion of the Make-Ready Work associated with construction work requiring access to a Pole below the Communications Space and the Pole Top Space, as appropriate, or to access the Communication Space of pole structures to support a Mid-span Installation, including, but not limited to the movement, transfer, relocation, or modification of an existing Attachment or Overlash when a pole structure replacement is necessary or otherwise in order to accommodate the Wireless Installation components; and all other construction activities necessary to accommodate the Wireless Installation on, or supported by, a pole structure. Make-Ready Wireless Installation Construction shall include, where applicable, the nexus between aerial and underground communications construction.
67. **Make-Ready Work** means all work that is required to accommodate an Attaching Entity's Attachment, Overlash, Wireless Installation, or Banner Attachment onto a Pole or Streetlight Pole, as appropriate, in compliance with the Applicable Engineering Standards. Make-Ready Work may include, but is not limited to, Make-Ready Engineering, Make-Ready Electrical Construction, Make-Ready Communications Construction, Make-Ready Wireless Installation Construction, and Make-Ready Banner Attachment Construction; along with CPS Energy's review of the Application, engineering design documents, Pole Loading Analysis documents, engineering work, construction work, permitting work, tree trimming (other than tree trimming performed for normal maintenance purposes), Pole or Streetlight Pole replacement, and the Post-Construction Inspection.
68. **Messenger** means any cable owned by an Attaching Entity extending between Poles which is used as support for a Communications Facility or upon which a Mid-Span Installation is clamped.



69. **Meter** means the device, or any auxiliary equipment installed by CPS Energy to measure electric energy consumed by the Wireless Equipment as provided in CPS Energy Electric Service Standards.
70. **Meter Area** means the area of a pole structure where the Meter and Service Disconnection Switch are mounted on such pole from ground-level to the top of the Service Disconnection Switch.
71. **Mid-Span Installation** means a Wireless Installation consisting of a “micro network node,” as that term is defined in Chapter 284 of the Texas Local Government Code, attached to a Messenger cable suspended between two Poles, in the Communication Space, that was manufactured for this type of installation and designed to connect by means of an Overlashed Communications Facility for the purpose of providing Wireless Service.
72. **National Electrical Safety Code (NESC)** means the current edition published by the Institute of Electrical and Electronic Engineers (IEEE) as may be amended or supplemented from time-to-time.
73. **National Joint Utilities Notification System (NJUNS)** means the national not-for-profit organization that helps support effective communication between utilities and Attaching Entities.
74. **Network Operations Center (NOC)** means a centralized location from which an Attaching Entity administrator remotely supervises, monitors, and maintains the day-to-day operations of a network. The scope of responsibilities of a NOC may be national or regional in nature.
75. **Neutral** means the conductor used to carry unbalanced current. In single-phase systems, the conductor used for a return current path.
76. **Notice of Dispute Form** means the form that an Attaching Entity must use to dispute CPS Energy’s determination of liability associated with a claim for damages caused to CPS Energy Facilities by the Attaching Entity, or its contractors, subcontractors, or agents. This form is provided in Appendix C.
77. **Notice to Proceed** means the form, provided in Appendix B, CPS Energy shall issue to an Attaching Entity that provides written notification that the Attaching Entity may proceed with either (1) Make-Ready Communication Construction, (2) Make-Ready Wireless Installation Construction, or (3) Make-Ready Electrical Construction, as appropriate.



78. **Notice of Safety Violation** means the form, provided in Appendix B, CPS Energy shall issue to an Attaching Entity providing written notice of CPS Energy’s identification of a Safety Violation with one or more of the Attaching Entity’s Attachments, Banner Attachments, Overlashings, or Wireless Installations.
79. **Notice of Safety Violation Assessment Charge** means the form, provided in Appendix B, CPS Energy shall issue to an Attaching Entity providing written notice of the levying of a Safety Violation Assessment Charge to the Attaching Entity.
80. **Notice of Unauthorized Attachment or Unauthorized Wireless Installation** means the form, provided in Appendix B, CPS Energy shall issue to an Attaching Entity providing written notice of CPS Energy’s identification of an Unauthorized Attachment or Unauthorized Wireless Installation owned by the Attaching Entity.
81. **Notification of Mid-Span Installation or Notification** means a complete “Notification of Mid-Span Installation” form found in Appendix B, together with applicable supporting information and documentation for the purpose of notifying CPS Energy of an Attaching Entity’s intent to install a new Mid-Span Installation supported by one or more CPS Energy Poles.
82. **One-Touch Transfer** mean the transfer, relocation, or alteration of third-party Attachment Communication Facilities or Mid-span Installations whether conducted by an Attaching Entity or CPS Energy subject to the requirements described in Section IV.B.5, and Section V.B.5.
83. **Overhead Streetlight Pole** means a Streetlight Pole whose luminaire is fed by aerial electrical distribution facilities owned by CPS Energy.
84. **Overlash (or Overlashing)** means to place an additional wire or cable Communications Facility onto an existing Attachment or Messenger already secured to the Pole in order to accommodate additional wire or cable Communications Facility capacity. An Overlash does not include a Mid-span Installation.
85. **Pedestals/Vaults/Enclosures** means above- or below-ground housings that are used to enclose a cable/wire splice, power supplies, amplifiers, and passive devices and/or provide a service connection point and that shall not be attached to CPS Energy Poles.
86. **Permit** means the written or electronic authorization from CPS Energy to make or maintain an Attachment, Banner Attachment, Overlash, or Wireless Installation to a specific CPS Energy Pole or Streetlight Pole, as appropriate, pursuant to the



requirements of an applicable Pole Attachment Contract and these Standards. For the purpose of a Mid-Span Installation, an Attaching Entity will obtain a Permit from CPS Energy after successful completion of the Post-Construction Inspection at the conclusion of the Notification of Mid-Span Installation process pursuant to Section V.C.

87. **Pole** means an electric distribution system utility pole owned by CPS Energy carrying primary and/or secondary voltages with phase to neutral voltages up to and including 20 kilovolts (kV).
88. **Pole Attachment Agreement** means an executed agreement between CPS Energy and a Requestor that grants a general license to access Poles for the purpose of installing Attachments, Mid-Span Installations and Overlashes pursuant to the specifications of these Standards, adopts and incorporates these Standards by reference, and under which the Requestor agrees to abide by the terms and conditions of the agreement as well as the duties and obligations set out in these Standards as they may be amended from time to time. A Pole Attachment Agreement shall include additional legal protections and obligations of the parties not specifically covered in the Standards. A Pole Attachment Agreement may be referred to generally in the Standards as a “Pole Attachment Contract.”
89. **Pole Attachment Program** means the development, implementation, and operation of the CPS Energy Pole Attachment Standards including but not limited to the execution of applicable Pole Attachment Contracts, communications with stakeholders regarding the accommodation of Attachments, Banner Attachments, and Wireless Installations, review of Applications, completion of appropriate Make-Ready Work, inspection of Make-Ready Work, issuance of Permits, coordination of networks deployments and expansions, resolution of conflicts and disputes, provision of applicable invoices, conducting workshops, accepting stakeholder input, amending the Standards as appropriate, enforcing the Standards, conducting Inventories, and all other general program administration and duties.
90. **Pole Attachment Standards (or Standards)** means these “CPS Energy Pole Attachment Standards” with an initial effective date of August 1, 2016, and as amended from time to time.
91. **Pole Attachment Standards Revision Request (PASRR)** means the form, provided in Appendix B, any stakeholder shall submit to CPS Energy to propose a revision(s) to these Standards.



92. **Pole Attachment Standards Revision Request (PASRR) Comment Form** means the form, provided in Appendix B, any stakeholder shall submit to CPS Energy in which the stakeholder may provide comments to a PASRR during the PASRR’s comment period.
93. **Pole Top Antenna** means an Antenna that is a component of a Wireless Installation, which is installed in the Pole Top Space of a Pole or Overhead Streetlight Pole.
94. **Pole Top Space** means the top portion of a Pole or Overhead Streetlight Pole designated for the installation of up to four (4) enclosed Antennas which are components of a Wireless Installation, the bottom of which shall begin one inch (1”) above the highest electrical supply conductor and continue for sixty inches (60”) as the clearance between the conductor and the Pole Top Antenna. For Wireless Installations that utilize the top of a pole structure, the Pole Top Space shall be considered the Antenna Area.
95. **Post-Construction Inspection** means the survey inspection required by CPS Energy to determine and verify that the Make Ready Electrical Construction, Make-Ready Communications Construction, Make-Ready Wireless Installation Construction, Make Ready Banner Attachment Construction and all other Make-Ready Work, including the installation of an Attachment, Banner Attachment, Overlash, and/or Wireless Installation was made in accordance with Applicable Engineering Standards, the Application, and all other Permit requirements.
96. **Pre-Certified Equipment** means Wireless Equipment for which the Attaching Entity has submitted manufacturing specifications and information to CPS Energy for review and approval and that CPE Energy has approved or pre-certified.
97. **Pre-Construction Survey** means the field survey and all other work and operations required by Applicable Engineering Standards to determine the Make-Ready Work necessary to accommodate an Attaching Entity’s Communications Facilities or Wireless Installation onto a Pole or Overhead Streetlight Pole as appropriate. Such work includes, but is not limited to, field inspection and administrative processing. The field survey to be done prior to preparation of Make-Ready Engineering shall be conducted by the Attaching Entity’s Engineer or other qualified employee or agent.
98. **Private Network** means a communications network constructed for the purpose of meeting the internal communications needs a public or private entity that is an Attaching Entity, but which is not a Certificated Provider, Wireless Provider, or CMRS Provider and is not in the business of providing Communications Services or Wireless Services to the general public for a profit.



99. **Public Right of Way** means the area on, below, or above a public roadway, highway, street, public sidewalk, alley, waterway, or utility easement in which the City of San Antonio or other governmental entities within the CPS Energy service area has an interest.
100. **Receiver** means any electronic device the purpose of which is to collect, amplify, and/or control radio frequencies.
101. **Remote Radio Heads (RRH)** means a transceiver with transmitting and receiving capability of radio frequencies. The RRH will be served by optical fiber, direct-current power, and output to a single or multiple Antennas. Remote Radio Heads are an inventoried Wireless Installation component.
102. **Request for Pre-Certification of Wireless System** means the form, provided in Appendix B, an Attaching Entity shall submit to CPS Energy to request CPS Energy to review and approve Pre-Certified Equipment for a Wireless Installation.
103. **Request for Temporary Attachment** means the form, provided in Appendix B, an Attaching Entity shall submit to CPS Energy to request permission to install a temporary Attachment.
104. **Request for Waiver of Applicable Engineering Standards (Waiver Request)** means the form, provided in Appendix B, an Attaching Entity shall submit to CPS Energy to request a waiver of one or more Applicable Engineering Standards.
105. **Requestor** means an eligible entity that submits an Attaching Entity Registration & Annual Reporting Form in order to enter into a Pole Attachment Agreement, Wireless Installation Agreement, or Banner Attachment Agreement with CPS Energy under which it may submit Applications for Permits to access CPS Energy's Poles or Streetlight Poles for the purpose of installing Attachments, Overlashings, Banner Attachments, or Wireless Installations, as appropriate.
106. **Reserved Capacity** means Capacity or space on a Pole or Overhead Streetlight Pole that CPS Energy has identified and reserved for its own core electric utility service and lighting requirements, including space for any and all associated internal communications functions that are essential to the proper operations of such core electric utility service, pursuant to reasonable projected need.



107. **Residential Streetlight Pole** means a direct imbedded Streetlight Pole whose luminaire is fed by an underground electrical distribution facility owned by CPS Energy.
108. **Residential Wireless Antenna Streetlight Pole** means a stealth Residential Streetlight Pole that hosts a Wireless Providers' antenna equipment, has cables routed internally and whose luminaire is fed by an underground electrical distribution facility owned by CPS Energy.
109. **Riser** means metallic or plastic encasement materials supported by metal standoff brackets placed vertically on a Pole or Overhead Streetlight to guide and protect communication wires and cables where they transition from overhead to underground or vice-versa.
110. **Safety Briefing** means a document or presentation materials prepared by a Wireless Provider and provided to CPS Energy to educate CPS Energy employees and contractors regarding specific process on how to work safely near and/or around the Wireless Provider's specific Wireless Installation technologies and locations.
111. **Safety Violation** means a violation of the Applicable Engineering Standards which: (a) is reasonably expected to endanger life or property; or (b) poses a potential safety risk to any CPS Energy or Attaching Entity employee or contractor, or to the general public.
112. **Safety Violation Assessment Charge** means the charge payable by an Attaching Entity for a Safety Violation as described in Appendix H.
113. **Service Disconnect Switch** means the electrical device owned by the Wireless Provider which purpose is to de-energize the entire Wireless Installation and must meet the requirements provided in the CPS Energy Electric Service Standards and all other applicable code requirements.
114. **Service Drop** means a single wired drop installed to provide Communications Service to an individual customer measured from the customer premises to the closest available Pole without requiring any additional anchors or guys to comply with all Applicable Engineering Standards. Unless otherwise stated herein, Service Drops are subject to all terms and conditions of these Standards.
115. **Service Drop Report** means the quarterly reporting of Service Drops installed for which a separate permit was not issued pursuant to Section IV.B.2.(b)(iii), utilizing the form provided in Appendix B.



116. **Simple Transfer** means the transfer, relocation, or alteration of any Attachment or Overlash on an existing Pole or onto a new Pole that does not require cutting and splicing of the Communication Facility subject to such transfer, relocation, or alteration. A Simple Transfer may include the transfer, relocation, or alteration of a Wireless Installation that is mounted or otherwise supported by a Pole.
117. **Single Pole Banner** means a vertically installed Banner made of light weight fabric, non-toxic material, with dimensions not to exceed 28” x 76” which may be temporarily affixed to the side of a Pole or Streetlight Pole located on Public Right of Way.
118. **Slab-Mounted Equipment Cabinet** means a stand-alone, weatherproof, metal, or composite enclosure consisting of a utility metering section and a Wireless Equipment section, which must be purchased, installed and owned by the Wireless Provider, and approved by CPS Energy as part of the pre-certification process.
119. **Streetlight Pole** means a pole structure of a non-decorative nature owned by CPS Energy that is not part of the electric distribution system which primary function is to support equipment used to provide overnight streetlight service, overhead streetlight service, or all-night security light service. The term “Streetlight Pole” includes both an Overhead Streetlight Pole and Underground Streetlight Pole. The term “Streetlight Pole” only includes pole structures embedded in the ground and excludes pole structures with break-away bases.
120. **Tag** means to place a distinct marker within twelve inches (12”) of a Pole on the wires and cables, coded by number, color, or other means that will readily identify the owner of the Attachment Mid-Span Installation or Wireless Installation as set forth at Appendix K. The Tag shall be consistent with accepted communications industry standards. Regarding Banner Attachments, all Banners and permanent attached hardware shall include an identification Tag.
121. **Tagging Plan** means a written plan developed by the Attaching Entity at the request of CPS Energy to address and remedy untagged or incorrectly tagged Attachments, Banner Attachments, Overlashings, or Wireless Installations.
122. **Telecommunications Services** means that definition provided at 47 U.S.C. §153(46), including any revisions to that definition.



123. **Tier 1 Revisions** means revisions to the CPS Energy Pole Attachment Standards which do not require changes in the collection of field data necessary to prepare an Application for submission.
124. **Tier 2 Revisions** means revisions to the CPS Energy Pole Attachment Standards which require changes in the collection of field data necessary to prepare an Application for submission.
125. **Transmitter** means any electronic device which purpose is to generate, amplify, and/or control, radio frequencies.
126. **Unauthorized Attachment** means any Attachment or Overlash of an Attaching Entity (a) for which the Attaching Entity failed to obtain a Permit; or (b) which is not in compliance with the requirements of the Permit issued for said Attachment or Overlash. An Attachment installed by an entity that failed to execute a Pole Attachment Agreement or installed after the expiration or termination of such agreement shall also be considered an Unauthorized Attachment.
127. **Unauthorized Attachment Charge** means the charge payable by an Attaching Entity for Unauthorized Attachments as described in Appendix H.
128. **Unauthorized Banner Attachment** means any Banner Attachment (a) for which the Banner Attacher failed to obtain a Permit, or (b) which is not in compliance with the requirements of the issued Permit. Any Banner Attachment (a) that supports a Banner installed by an entity that failed to execute a Banner Attachment Agreement, or (b) installed after the expiration or termination of Banner Attachment Agreement shall be considered an Unauthorized Banner Attachment.
129. **Unauthorized Banner Attachment Charge** means the charge payable by a Banner Attacher for Unauthorized Banner Attachments as described in Appendix H.
130. **Unauthorized Wireless Installation** means any Wireless Installation or Mid-Span Installation of an Attaching Entity (a) for which the Attaching Entity failed to obtain a Permit; or (b) that is not in compliance with the requirements of the Permit issued for said Wireless Installation or Mid-Span Installation. A Wireless Installation installed by an entity that failed to execute a Wireless Installation Agreement or Wireless Addendum to supplement a Pole Attachment Agreement; or a Mid-Span Installation installed by an entity that failed to execute a Pole Attachment Agreement; or by an entity after contract expiration or termination, shall also be considered an Unauthorized Wireless Installation.



131. **Unauthorized Wireless Installation Charge** means the charge payable by an Attaching Entity for Unauthorized Wireless Installation as described in Appendix H.
132. **Underground Streetlight Pole** means a Streetlight Pole whose luminaire is fed by underground electrical distribution facilities owned by CPS Energy.
133. **Video Services** means video programming services provided through wireline facilities located at least in part in the Public Right-of-Way without regard to delivery technology, including Internet protocol technology.
134. **Wireless Addendum** means an addendum to a Pole Attachment Agreement that grants the eligible Attaching Entity a general license to submit Applications to CPS Energy for Wireless Installations. Together with a Pole Attachment Agreement, a Wireless Addendum grants an Attaching Entity substantially the same privileges and obligations for the construction, operation, or use of Wireless Installations as a standalone Wireless Installation Agreement. The Wireless Addendum may be referred to generally in the Standards as a “Pole Attachment Contract.”
135. **Wireless Equipment** means any FCC-authorized radio equipment components owned by a Wireless Provider used for a Wireless Installation, including Antennas, Remote Radio Heads, Transmitters, transceivers, and related equipment of a Wireless Installation.
136. **Wireless Equipment Area** means the space on a Pole or Overhead Streetlight Pole comprising of the area where the following components of a pole-mounted Wireless Installation are located: (i) Antenna Area; (ii) Wireless Equipment Cabinet; and (iii) Backhaul Network Interface Device. For a Wireless Installation utilizing the Pole Top Space, the Wireless Equipment Area will not include the Antenna Area.
137. **Wireless Equipment Cabinet** means a weather-tight enclosure that houses Wireless Equipment and electronics. Wireless Equipment Cabinets are inventoried Wireless Installation components.
138. **Wireless Installation** means a Wireless Provider-owned installation the components of which are mounted onto or supported by a Pole or Overhead Streetlight Pole, in whole or in part, that sends and/or receives licensed or unlicensed radio frequency signals, and consists of several wireless components, including but not limited to Wireless Equipment, Wireless Equipment Cabinet or Slab-Mounted Equipment Cabinet, and Antennas; along with support structures; riser cable; conduit; accessory equipment; and other ancillary equipment. The term Wireless Installation also



includes a Mid-Span Installation and a DAS System that utilizes multiple pole structures.⁵

139. **Wireless Installation Agreement** means an executed agreement between CPS Energy and a Requestor or an executed Wireless Addendum, if applicable, that grants a license to install Wireless Installations, that adopts and incorporates these Standards by reference, and that incorporates the agreement of the Requestor to abide by the terms and conditions of such agreement as well as the duties and obligations set out in these Standards as they may be amended from time to time. A Wireless Installation Agreement shall include additional legal protections and obligations of the parties not specifically covered in the Standards. Throughout these Standards, when the term “Wireless Installation Agreement” is used, it shall also include a “Pole Attachment Agreement” coupled with a “Wireless Addendum” if appropriate. The Wireless Installation Agreement may be referred to generally in the Standards as a “Pole Attachment Contract.”
140. **Wireless Installation Fee** means the total annual rental payment assessed by CPS Energy to each Attaching Entity that owns Wireless Installations determined by multiplying the [Wireless Rate] x [total number of pole-feet occupied by an Attaching Entity’s authorized Wireless Installations, measured in one-foot increments], as described in Appendix H.
141. **Wireless Interference** means the material adverse effect of unwanted energy due to one or a combination of emissions, radiations, or inductions upon reception in a pre-existing radio communication system, manifested by any material performance degradation, misinterpretation, or loss of information which could be extracted in the absence of such unwanted energy.
142. **Wireless Project Area** means a defined urban or suburban geographical area identified by an Attaching Entity for the deployment of one or more Wireless Installations utilizing the same technology at each installation in order to provide or enhance the provision of Wireless Service or Commercial Mobile Radio Service. A Wireless Project Area shall consist of a defined geographic area of poor wireless coverage within the overall service area covered by the Wireless Provider on whose behalf the Wireless Installations are deployed and is not considered part of a Deployment Plan.

⁵ Throughout these Standards, the obligations and requirements applicable to a small cell Wireless Installation will also apply to a Mid-Span Installation unless otherwise specified herein, provided, however, that should a Mid-Span Installation be reconfigured to transmit and receive licensed frequencies, such Mid-Span Installation will be subject to the same obligations and requirements that apply to other Wireless Installations.



143. **Wireless Provider** means a CMRS Provider, a Certified Provider that holds a State Issued Certificate of Franchising Authority, or an Infrastructure Provider authorized to use Public Right of Way for the purpose of installing Wireless Installations pursuant to Chapter 284 of the Texas Local Government Code.
144. **Wireless Rate** means the same annual rate as the Attachment Rate.
145. **Wireless Service** means the provision of authorized voice, video or data services, including but not limited to Telecommunications Services, over Wireless Installations.



B. Registration of Entity

1. **Initial Registration Information.** Before executing a Pole Attachment, Banner or Wireless Installation Agreement, a Requestor must submit a complete an Attaching Entity Registration & Annual Reporting Form, a copy of which is provided in Appendix A and available to download at www.cpsenergy.com/poleattachments, to CPS Energy. The Attaching Entity Registration & Annual Reporting Form must indicate:

- a) Corporate name of the Requestor;
- b) Corporate contact information;
- c) Contact information for a primary liaison and an escalation list of company personnel responsible to respond to any operational requests from CPS Energy;
- d) Whether the entity holds a certificate from the Public Utility Commission of Texas (PUCT); and
- e) If the entity has been granted a franchise, license agreement, permit or ordinance by the City of San Antonio or a suburban city within the CPS Energy service area.
- f) If the Requestor is an Infrastructure Provider, identify the name and contact information of the Infrastructure Provider Sublicensee under contract with Requestor.

The Requestor shall provide copies of the PUCT certificate and any franchise or license agreements, permits, or ordinances with the Attaching Entity Registration & Annual Reporting Form authorizing access to the Public Rights of Way within the CPS Energy service area. CPS Energy shall have no obligation to execute a Pole Attachment or Wireless Installation Agreement or approve an Application for a Permit within any part of its service area to any Requestor that has not been granted the right to use Public Right of Ways for the installation of such Attachments or Wireless Installations.

2. **Updates to Registration Information.** The Attaching Entity Registration & Annual Reporting Form must be submitted at the time of contract execution and updated annually thereafter by September 1st of each year or as changes in Attaching Entity's information warrant. The Attaching Entity has an obligation and duty to maintain the accuracy of the information in the Attaching Entity Registration & Annual Reporting Form at all times. *CPS Energy is not obligated to contact any person not listed on the Attaching Entity Registration & Annual Reporting Form.*



c) Execution of Pole Attachment, Banner Attachment, or Wireless Installation Agreement

Every registered Requestor must execute a Pole Attachment, Banner Attachment, or Wireless Installation Agreement that incorporates these Standards by reference, and CPS Energy must countersign such agreement, before the Requestor may submit an Application. Except as otherwise set out herein, an Application must be submitted in compliance with these Standards for every new Attachment, Banner Attachment, Overlash, or Wireless Installation, that an Attaching Entity seeks to make to a CPS Energy Pole or Streetlight Pole, as appropriate. CPS Energy’s Pole Attachment Application process is described in detail in Section IV (for wire Attachments), Section V (for Wireless Installations), and Section VI (for Banner Attachments) of these Standards.

CPS Energy may approve or deny an Application, in whole or in part, for reasons of safety, reliability, or insufficient Capacity that cannot be resolved in a manner consistent with the Applicable Engineering Standards; and subject to the conditions, processes, and timelines outlined in these Standards. The uninterrupted processing of an Attaching Entity’s Application is contingent on the timely payment of invoices for Attachments, Banner Attachments, and Wireless Installations, and compliance with the requirements and specifications of these Standards.

The issuance of a Permit is the only means for securing the privilege to make an Attachment, Overlash, Wireless Installation, or Banner Attachment to any CPS Energy Pole, or Streetlight Pole, as appropriate.

- 1. Separate Agreements Required for Wire Attachments, Wireless Installations, and Banner Attachments.** A wire Attachment or Mid-Span Installation may only be attached to a Pole, or supported by a pair of Poles, respectively, pursuant to a Pole Attachment Agreement. A Wireless Installation may be attached to a Pole or Overhead Streetlight Pole pursuant to a Wireless Installation Agreement, a Pole Attachment Agreement, or Pole Attachment Agreement that has been amended and supplemented through the execution of a Wireless Addendum. Similarly, a Banner Attachment may only be attached to a Pole or Streetlight Pole pursuant to a Banner Attachment Agreement. A Pole Attachment Agreement does not convey any license, claim, or rights to attach Wireless Installations (excluding Mid-Span Installations) onto any Attachments on CPS Energy Poles. Absent a separate Wireless Installation Agreement or a Pole Attachment Agreement that has been amended and supplemented through the execution of a Wireless Addendum, any Wireless Installation (excluding any Mid-Span Installation), found mounted onto a Pole or Overhead Streetlight Pole, or clamped mid-span onto an Attaching Entity’s Messenger cable shall be considered an Unauthorized



Wireless Installation subject to Unauthorized Wireless Installation Charges and any other sanctions specified herein.

2. **Standards Applicable Regardless of Effective Agreement.** Upon their effective date, these Standards shall be applicable to all Attachments, Wireless Installations, and Banner Attachments of an Attaching Entity whether or not the Attaching Entity is a party to a valid and existing Pole Attachment Contract. Any Attachments, Wireless Installations, or Banner Attachments in place at the time the corresponding Attachment Contract expires or terminates, as well as any additional Unauthorized Attachments installed subsequent to such expiration or termination but prior to the execution of a successor agreement, will be subject to these Standards. Upon execution of a successor agreement, these Standards will remain in effect and shall be incorporated into the contractual terms in such successor agreement. This Section II.C.2, is not intended to supersede, eliminate, or substitute any contractual protections or duties included in such successor agreement.

Application Submittal; No Commingling of Attachments

1. **No Commingling of Attachments.** When submitting an Application for a Permit, the Attaching Entity must specify whether the Application is for a wire Attachment, Overlash, Wireless Installation, or Banner Attachment. The commingling of different types of facilities under one Application is strictly prohibited.
2. **Number of Poles per Application or Notification.** For new Attachments and/or Overlashings, the maximum number of Poles to be considered on a single Application is one-hundred twenty (120) Poles. For a Wireless Installation (excluding Mid-Span Installations), a single Application shall only include one (1) Wireless Installation, together with the applicable Poles or Overhead Streetlight Pole, provided that the Wireless Installations is the same or substantially similar in design as pre-certified by CPS Energy, at each of the locations within the identified boundaries of a Wireless Project Area. Concerning Mid-Span Installations, a single Notification may include up to five (5) Mid-Span Installations. Regarding an Application for Banner Attachment, the Banner Attacher may request access to a Pole or Streetlight Pole. A single Application may include up to a maximum of thirty (30) Single Pole Banner locations, and a maximum of thirty (30) Double Pole Banner locations.
3. **Authorization Process Required.** No Attaching Entity is authorized to install an Attachment, Overlash, Wireless Installation, Mid-Span Installation, or Banner Attachment on to a Pole or Streetlight Pole, pursuant to these Standards, without first



executing the appropriate Pole Attachment Contract, submitting a complete Application or Notification, as appropriate, and securing and receiving an appropriate Permit. Concerning a temporary Banner, the Banner Attacher shall submit to CPS Energy at least five (5) business days prior to the installation an electronic notification of the type of Banner installation requested, along with the appropriate municipal permit authorizing the installation in the Public Right of Way, and any other information requested by CPS Energy. Upon review, CPS Energy shall approve the temporary Banner installation no later than five (5) business days from receipt. Failure to timely approve the Banner installation shall be considered as authorization to proceed with the installation.

Termination of Permit

1. **Automatic Termination of Permit.** Any Permit issued pursuant to these Standards shall automatically terminate when the Attaching Entity ceases to have authority to construct and operate Communications Facilities or Wireless Installations, or engage in the installation and display of Banner Attachments on public or private property, as appropriate, including federal property, at the location of the particular Pole or Streetlight Pole, as appropriate, covered by the Permit.
2. **Surrender of Permit.** An Attaching Entity may at any time surrender any Permit and remove the corresponding Attachment, Wireless Installation, or Banner Attachment from the affected pole structure provided, however, that before commencing any such removal, the Attaching Entity must provide a twenty-one (21) calendar days advance written notice and sketch of the facilities to be removed to CPS Energy, including the name of the Attaching Entity or other qualified contractor performing such work and the date and time during which such work will be undertaken and completed. All such work is subject to the insurance requirements of the corresponding Pole Attachment Agreement, Wireless Installation Agreement, or Banner Attachment Agreement. No refund of any fees or costs paid to CPS Energy will be made upon removal.

If an Attaching Entity surrenders such Permit pursuant to the provisions of this Section II.E.2, but fails to remove its Attachment, Wireless Installation, or Banner Attachment from CPS Energy's Facilities within sixty (60) calendar days thereafter, CPS Energy shall have the right to remove the Attachment, Wireless Installation, or Banner Attachment at the Attaching Entity's expense.



Annual Reporting Requirements

Following initial submission of the Attaching Entity Registration & Annual Reporting Form pursuant to Section II.B.2, Attaching Entities must provide annual updates thereafter. Concurrently with submitting the updated Attaching Entity Registration & Annual Reporting Form, the Attaching Entity shall report the following to CPS Energy:

- List of Installations.** The Attaching Entity shall provide a list of specific Poles and/or Streetlight Poles (by CPS Energy Pole number, if available) on which the Attaching Entity has installed, during the previous twelve (12) month reporting period new Attachments, Overlashings, Wireless Installations, or Banner Attachments including risers and Service Drops, or any other facility for which no Permit was required per Section IV.B.2.b.
- List of Non-Functional Attachments.** The Attaching Entity shall provide a list of all Attachments, Overlashings, Wireless Installations, Banner Attachments, or other equipment that have either become non-functional, surrendered, or for which the Attaching Entity is no longer paying the annual Attachment Connection Fee, Wireless Installation Fee, or Banner Attachment Connection Fee during the previous twelve (12) month reporting period. The report shall identify the specific Pole or Streetlight Pole (by CPS Energy Pole number, if available) on which the nonfunctional Attachment, Overlash, Wireless Installation, Banner Attachment, or other equipment is located and provide a description of the nonfunctional equipment.
- Removed Equipment.** The Attaching Entity shall provide a list of all Attachments, Overlashings, Wireless Installations, Banner Attachment, or other equipment removed (and not replaced by substantially similar equipment) from specific Poles or Streetlight Pole (by CPS Energy Pole number, if available) during the previous twelve (12) month reporting period. The report shall identify the Pole from which the equipment was removed, a description of the removed equipment, and indicate the approximate date of removal. This requirement does not apply where the Attaching Entity surrenders a Permit pursuant to Section II.E.2.
- Emergency Contact.** The Attaching Entity shall maintain current at all times the emergency contact information required by the applicable Pole Attachment Contract, along with contact information for the Network Operations Center, if applicable.
- Failure to Report.** Failure of an Attaching Entity to provide CPS Energy the updated Attaching Entity Registration & Annual Reporting Form required by this Section II.F



within forty-five (45) calendar days following issuance of written notice of the failure to comply timely with the annual reporting requirements of this section shall result in CPS Energy suspending all work on the Attaching Entity's pending Applications or which may be submitted after the suspension date. Within three (3) business days of CPS Energy receiving the updated Attaching Entity Registration & Annual Reporting Form, CPS Energy shall resume processing the Attaching Entity's Applications in the order that they were initially received by CPS Energy.

6. **Right to Audit.** CPS Energy reserves the right to perform an audit on any annual reporting required by this Section II.F to validate the information provided. Failure to provide accurate reporting will subject the Attaching Entity to the provisions provided in Section II.F.5 above.

g) Notices

1. **Notice of Revisions to the Pole Attachment Standards.** CPS Energy shall publish any proposed revisions to these Standards on the CPS Energy public website, www.cpsenergy.com/poleattachments. CPS Energy shall also send electronic notice to the primary contact and email address for each Attaching Entity provided in the Attaching Entity Registration & Annual Reporting Form, as described in Section II.B. CPS Energy is under no obligation to contact anyone other than the primary contact provided with regard to notice under this Section II.G. CPS Energy shall enforce, and an Attaching Entity shall adhere to the revised Standards for new Applications on their effective date. Notwithstanding the previous sentence, no revisions to the Applicable Engineering Standards shall be retroactive to existing permitted Attachments, Overlashings, Wireless Installations, or Banner Attachments unless required by city, county, state, or federal law or if the Attachment, Overlash, Wireless Installation, or Banner Attachment is modified after the effective date of the revised Standards. If an Attachment, Overlash, Wireless Installation, or Banner Attachment is modified, including without limitation moved, upgraded, repaired, replaced, or Overlashed (in the case of an existing Attachment), the Attachment, Overlash, Wireless Installation, or Banner Attachment shall immediately become subject to the Standards then in effect. Any amendment to the Standards shall apply to an Application submitted on or after the amendment becomes effective as per the schedule below:

- a) **Tier 1 Revisions.** CPS Energy shall publish Tier 1 Revisions forty-five (45) calendar days prior to their effective date.
- b) **Tier 2 Revisions.** CPS Energy shall publish Tier 2 Revisions ninety (90) calendar days prior to their effective date.



CPS Energy will conduct quarterly workshops for the benefit of all Attaching Entities during the months of February, May, August, and November of each year. During these workshops CPS Energy and the Attaching Entities may discuss overall implementation of the Standards, including proposals for making amendments to improve operations, procedures, and/or administration of CPS Energy’s Pole Attachment Program. All proposals for either Tier 1 or Tier 2 Revisions to the Standards proposed by CPS Energy will be discussed at a quarterly workshop prior to publication.

2. Process to Request Revisions to the Standards. An Attaching Entity may formally request a revision to the Standards by:

- a) Completing the CPS Energy Pole Attachment Standards Revision Request (PASRR) form, a copy of which is provided in Appendix B and available for download at the CPS Energy Pole Attachment website, www.cpsenergy.com/poleattachments;
- b) Submitting the completed PASRR to CPS Energy;
- c) CPS Energy shall review a properly completed PASRR form received and will publish the PASRR on the Pole Attachment webpage for stakeholder comments for a minimum of thirty (30) calendar days.
- d) Attaching Entities and other interested stakeholders may submit comments, including draft substitute language within the thirty (30) calendar day comment period. Comments are to be submitted to CPS Energy using the PASRR Comment form, a copy provided in Appendix B and available for download on the CPS Energy Pole Attachment website, www.cpsenergy.com/poleattachments;
- e) Within thirty (30) calendar days following the end of the comment period, CPS Energy will publish its rationale and decision to accept, modify, or reject the PASRR either in-part or in-whole. CPS Energy will discuss its decision regarding the PASRR at the next scheduled quarterly workshop as described in Section II.G.1. CPS Energy reserves the right to extend the time period for stakeholder comments or the period to respond to stakeholder comments. In the event of such extension, CPS Energy will notify stakeholders by posting such notice of extension on the Pole Attachment website, www.cpsenergy.com/poleattachments.

Scope of Standards

- 1. **Grant of Permit.** The issuance of a Permit by CPS Energy authorizing the placement of an Attachment, Overlash, Wireless Installation, Mid-Span Installation or Banner



Attachment on a pole structure, or supported by a pair of Poles, pursuant to the provisions of these Standards, will operate to grant the Attaching Entity a revocable, nonexclusive license to install and maintain the Attachment, Overlash, Wireless Installation, Mid-Span Installation, or Banner Attachment on a specific pole structure, or set of poles. The grant of a Permit entitles the Attaching Entity to the quiet enjoyment of its Attachments, Overlash, Wireless Installation, Mid-Span Installation or Banner Attachment subject to all requirements of these Standards, including the procedures for the transfer or relocation of such Attachment, Overlash, Wireless Installation, Mid-Span Installation or Banner Attachment.

2. **Parties Duties and Obligations under Standards.** These Standards set out the duties and obligations of CPS Energy and an Attaching Entity regarding the processing of an Application or Notification, issuance of a Permit, compliance with Applicable Engineering Standards, and administration of an Attachment, Overlashing, Wireless Installation, Mid-Span Installation, or Banner Attachment on a pole structure, as appropriate, during the entire lifecycle of the Attachment, Overlashing, Wireless Installation, or Banner Attachment.
3. **Permit Issuance Conditions.** CPS Energy will issue a Permit to an Attaching Entity when there is sufficient Capacity to accommodate the requested Attachment, Wireless Installation, Mid-Span Installation, or Banner Attachment or when pole loading conditions would not prohibit an Overlashing, and the corresponding Application or Notification complies with all Applicable Engineering Standards. CPS Energy may deny a Permit on a nondiscriminatory basis where there is insufficient Capacity or for reasons of safety, reliability, or as set forth in the Applicable Engineering Standards. CPS Energy shall provide the specific nondiscriminatory reasons for denial of an Application in writing with the rejected Application.
4. **No Interest in Property.** No use, however lengthy, of any CPS Energy Facilities, and no payment of any fees or charges required under these Standards, shall create or vest in an Attaching Entity any easement or other ownership or property right of any nature in any portion of such CPS Energy Facilities.
5. **Non-Exclusivity.** A Permit granted to an Attaching Entity under these Standards is non-exclusive and shall have no effect or take legal precedence over any Permit, rights, or other privileges granted by CPS Energy to any other entity to use a CPS Energy Pole or Streetlight Pole.



- a) No Attaching Entity is entitled to reserve or schedule space on any Pole or Streetlight Pole, other than pole space for which a Permit has been granted.
 - b) An approved Permit is subject at all times to CPS Energy's right to provide core electric utility services, including the provision of all internal communications essential to the proper operations of such core electric utility services.
 - c) The issuance of a Permit by CPS Energy grants only a license and no possessory interest to a specific Pole or Streetlight Pole, or to any space on such pole.
6. **CPS Energy's Rights over Poles.** The granting of a Permit does not in any way limit CPS Energy's right to locate, install, operate, maintain, relocate, or remove its Poles or Streetlight Poles in the manner and at the time that will best enable it to fulfill its core electric and customer service requirements. CPS Energy reserves to itself the right to maintain CPS Energy Poles, Streetlight Poles, and other CPS Energy Facilities and to operate its facilities thereon in such manner as shall enable CPS Energy to fulfill its own electric service, lighting, maintenance, and customer service obligations and requirements.
7. **Restoration of CPS Energy Service.** CPS Energy's service restoration requirements shall take precedence over any and all work operations of any Attaching Entity on CPS Energy's Poles and Streetlight Poles. CPS Energy may relocate, replace, or remove an Attaching Entity's Attachments, Overlashings, Wireless Installations, or Banner Attachments, transfer them to substituted poles or perform any other work in connection with such Attachments, Overlashings, Wireless Installations, or Banner Attachments that CPS Energy deems necessary in order to safely and efficiently restore electrical service. CPS Energy shall not be liable to an Attaching Entity for any actions CPS Energy takes pursuant to this Section II.J.7. The affected Attaching Entity shall reimburse CPS Energy for the expenses that CPS Energy incurs relating to such work within forty-five (45) calendar days of the date CPS Energy issues an invoice for such work.
8. **Permitted Uses.** All Attaching Entities shall be permitted to use an approved Attachment or Overlash only for the purpose of providing Communications Services. Wireless Installations shall only be used for the provision of Wireless Services. Banner Attachments shall only be used to provide Banner Advertisement services. An Attaching Entity is not permitted to install an Attachment, Overlash, Wireless Installation, or Banner Attachment on behalf of any other party; sublease an Attachment, Overlash, or Wireless Installation to any other party; or install an Overlash, Wireless Installation or Banner Attachments belonging to a third-party, regardless of whether the third-party is



an Affiliate of an Attaching Entity, unless both the Attaching Entity and the third party have registered and executed an appropriate Pole Attachment Contract with CPS Energy. Specifically, Infrastructure Providers are required to identify their Infrastructure Provider Sublicensees in compliance with Section II.B.1 and such Sublicensees shall be required to execute the Infrastructure Provider Sublicensee Wireless License Agreement. Any use of an Attachment, Overlapping, Wireless Installation, or Banner Attachment other than as specified herein, shall be considered an Unauthorized Attachment, Unauthorized Wireless Installation, or Unauthorized Banner Attachment subjecting the non-compliant Attaching Entity to enforcement action by CPS Energy, including:

- a) Suspension of the processing of any further Applications submitted by the Attaching Entity pending resolution of the unauthorized use;
- b) Revocation of previously granted Permits; and
- c) Contractual claims under the Pole Attachment, Wireless Installation Agreement, or Banner Attachment Agreement, as appropriate.

9. **Expansion of Capacity.** CPS Energy will expand Pole Capacity, at an Attaching Entity's expense, when necessary to accommodate an additional Attachment, Banner Attachment, or Wireless Installation approved pursuant to the issuance of a Permit, and when consistent with local governmental land use requirements of general applicability and the Applicable Engineering Standards. Notwithstanding the foregoing sentence, CPS Energy is under no obligation to install, retain, extend, or maintain any Pole or Streetlight Pole for the benefit of an Attaching Entity when such pole or system of poles is not needed for CPS Energy's core electric or customer service requirements.

10. **Reserved Capacity.** At the time that CPS Energy receives an Application, CPS Energy, to the extent information is known at that time, may communicate to the requesting Attaching Entity, CPS Energy's obligation to reserve space on a Pole as Reserved Capacity for its own future use in accordance with a *bona fide* electric system expansion or improvement plan that reasonably and specifically projects a need for that space for the provision of its core electric utility or lighting services, including any and all associated internal communications. Reserved Capacity shall be made available for use by an Attaching Entity consistent with these Standards and this Section II.H.10 until CPS Energy has a need for such Reserved Capacity.

- a) CPS Energy may reclaim the Reserved Capacity if required for CPS Energy's use at such time by giving the Attaching Entity at least ninety (90) calendar days' advance notice. CPS Energy shall give the Attaching Entity the option to remove its Attachment, Wireless Installation, or Banner Attachment from the affected Pole or to



pay for the cost of any Make-Ready Work needed to expand Capacity so that the Attaching Entity may maintain its Attachment. Wireless Installation, or Banner Attachment on the affected Pole as provided in Section II.H.10.b below.

- b) CPS Energy may require an Attaching Entity to remove its Attachment, Wireless Installation, or Banner Attachment from the affected Pole if the Attaching Entity does not opt to pay for the cost of Make-Ready Work needed to expand Capacity within forty-five (45) calendar days of CPS Energy issuing notice that CPS Energy requires use of the Reserved Capacity. CPS Energy may remove the Attachment, Wireless Installation, or Banner Attachment if the Attaching Entity fails to remove it from the affected Pole within ninety (90) calendar days of CPS Energy issuing notice that CPS Energy requires use of the Reserved Capacity. CPS Energy shall invoice the affected Attaching Entity for the actual cost that CPS Energy incurs for such removal, and the Attaching Entity shall pay such invoice no later than forty-five (45) calendar days following issuance of invoice.
- c) If CPS Energy reclaims Reserved Capacity for which an Attaching Entity has received a Permit and paid for Make-Ready Work, where the Make-Ready Work consisted of relocating CPS Energy's Neutral on the existing Pole to allow the Attaching Entity's use of Reserved Capacity, but the installation of the Attachment, Wireless Installation, or Banner Attachment is not complete, CPS Energy shall refund all payments made by the Attaching Entity for the applicable Application Fee and Make-Ready Work on the affected pole.

11. Authorization for Use of One-Touch Transfer Process. All Attaching Entities with Attachments, Overlashings, Wireless Installations, or Banner Attachments on any CPS Energy pole structures shall be subject to a Simple Transfer and/or rearrangement of their Attachments, Overlashings, Wireless Installations, or Banner Attachments pursuant to the One-Touch Transfer Process described in Section IV.B.5 and Section V.B.5, provided that any such transfer or rearrangement is consistent with these Standards including all Applicable Engineering Standards. An Attaching Entity is entitled to utilize the One-Touch Transfer Process in installing its Attachments, Overlashings, Wireless Installations, or Banner Attachments provided that the requirements of Section IV.B.5, Section IV.B.6, Section V.B.5, and Section V.B.6 are followed.

I. Fees and Charges



1. **General.** All Attaching Entities shall be subject to the CPS Energy Schedule of Pole Attachment Rates, Fees, and Charges as specified in Appendix H, as may be amended, and shall comply with the terms and conditions specified herein.
 - a) Wherever CPS Energy is required to perform any work related to the Pole Attachment Program on behalf of an Attaching Entity, CPS Energy, at its sole discretion, may utilize its employees or contractors, or any combination of the two, to perform such work. Invoices submitted directly to an Attaching Entity from a CPS Energy contractor shall be treated as if the invoice was issued from CPS Energy pursuant to these Standards.
 - b) Wherever an Attaching Entity is required to pay for such work done or contracted by CPS Energy, the charge for such work shall include all reasonable material, labor, travel, engineering, administrative, and applicable overhead costs, other than those costs compensated by payment of the applicable Application Fee, or the annual Attachment Connection Fee, Wireless Installation Fee, or Banner Attachment Connection Fee.
 - c) No rates, fees, and/or charges specified in Appendix H shall be refunded on account of any surrender of a Permit.
 - d) All Attaching Entities shall pay CPS Energy or its contractor in accordance with the terms of this Section II.I and Appendix H.
 - e) If CPS Energy or its contractor does not receive payment from an Attaching Entity for any amounts owed within forty-five (45) calendar days after it becomes due, the Attaching Entity shall pay in addition to the initial amount, interest to CPS Energy at the rate of one and 17/100 Percent (1.17%) simple interest per month on the amount due beginning from the first of the month following the forty-five (45) calendar days until the payment is made. Should payment not be received within sixty (60) days following the due date, CPS Energy shall suspend the processing of the Attaching Entity's Applications until payment is paid in full.
 - f) Excluding the annual Attachment Connection Fee, Wireless Installation Fee, and Banner Attachment Connection Fee, should an Attaching Entity wish to dispute an invoice from either CPS Energy or its contractors; the Attaching Entity shall within fifteen (15) days of receipt of the invoice provide CPS Energy written notice of its intention to dispute the invoice. This notice shall include:
 - (i) a copy of the invoice being disputed;



- (ii) a detailed description of the disputed amounts;
- (iii) all documentation to support the Attaching Entity's claim of dispute; and
- (iv) any legal basis for the claim of dispute.

Within ten (10) days of receipt of the written notice of dispute, CPS Energy will arrange a meeting or teleconference with the Attaching Entity to begin discussions regarding the dispute in accordance with the conflict resolution provisions provided in Section II.L.1.

The invocation of a dispute by an Attaching Entity does not relieve the Attaching Entity from timely payment of the invoice pursuant to Section II.L.1.h. Should CPS Energy and the Attaching Entity reach agreement on an amount less than the invoiced amount under dispute and paid under protest or dispute, CPS Energy, or its contractor, shall either reimburse or provide future credit to the Attaching Entity in accordance with the agreement of the parties provisions.

- g) Nonpayment of a non-disputed amount invoiced by CPS Energy or its contractor and due beyond ninety (90) days shall subject an Attaching Entity to escalating enforcement action, including but not limited to:
 - (i) Suspension of the processing of any further Applications submitted by the non-compliant Attaching Entity pending receipt of payment;
 - (ii) Potential contractual claims; and
 - (iii) Termination of the Pole Attachment, Wireless Installation Agreement, or Banner Attachments Agreement, as appropriate.
- h) If an Attaching Entity pays any amount under protest or dispute, such Attaching Entity shall make full payment consistent with the timeframe required by these Standards and shall designate payment as "PAID UNDER PROTEST." Failure to contest or otherwise dispute an invoice within sixty (60) calendar days of receipt shall be deemed to be acceptance by the Attaching Entity.
- i) Failure to pay an invoice for the annual Attachment Connection Fee, Wireless Installation Fee, or Banner Attachment Connection Fee in full based on any allegation that CPS Energy has improperly applied or calculated the Attachment Rate, Wireless Rate, or Banner Attachment Rate shall not constitute a legitimate basis for disputing



any invoice (other than arithmetic errors that should be brought to CPS Energy's immediate attention). The proper forum for making such allegations is a regulatory agency or court of competent jurisdiction.

2. Application Fee⁶ and Make-Ready Engineering Review.

- a) Banner Attachers are required to pay an Application Fee per Banner Attachment to compensate CPS Energy for the cost of administrative and other work required to manage the Application process not directly reimbursed in Make-Ready Work charges or otherwise covered by the annual Banner Attachment Connection Fee. The appropriate Application Fee, set forth in Appendix H, shall be paid by credit card, electric transfer, or other certified funds transaction. Any Application submitted for CPS Energy's consideration without payment of the non-refundable Application Fee shall be rejected and considered incomplete. An Attaching Entity submitting an Application for a wire Attachment or Wireless Installation, or a Notification for a Mid-Span Installation, shall not be assessed an Application Fee.
- b) An Attaching Entity shall reimburse CPS Energy or its contractor for its actual costs to complete the Application and Notification process, as applicable. Such costs constitute Make-Ready Engineering services, including back-office engineering services and field inspection work described in Sections IV, V, and VI. CPS Energy or its contractor shall invoice each Attaching Entity for the work completed in processing the Attaching Entity's Applications or Notification, as applicable, on a monthly basis. If the Attaching Entity fails to pay the Make-Ready Engineering costs within forty-five (45) calendar days following issuance of the invoice; CPS Energy will (i) suspend processing of the Attaching Entity's pending Applications or Notifications and any subsequent Applications or Notifications; and/or (ii) revoke the Permits issued under the Applications or Notifications for which Make-Ready Engineering review charges have not been paid. Upon full payment, CPS Energy will resume processing and restore any Permits which may have been revoked under this Section II.1.2.b.
- c) In the event that an Application is submitted by an Attaching Entity and then is subsequently cancelled, the Attaching Entity shall forfeit the Application Fee submitted with the cancelled Application. The Attaching Entity shall also reimburse CPS Energy or its contractor for the costs incurred up to the date of cancellation. Should CPS Energy cancel the Application pursuant to its rights under these Standards, CPS Energy will reimburse the Application Fee to the Attaching Entity.

⁶ CPS Energy discontinued the requirement of an Application Fee on wire Attachments effective on January 1, 2017.



3. **Advance Payment for Make-Ready Electrical Construction.** Where Make-Ready Electrical Construction is required, the Attaching Entity is required to make advance payment for the Make-Ready Electrical Construction pursuant to Section IV.B.3.b, Section IV.B.4.a, and Section VI.B.4. All required Make-Ready Electrical Construction must be completed before an Attaching Entity shall install any Attachment, Overlashing, Wireless Installation, or Banner Attachment. CPS Energy shall provide an invoice and request authorization for the Make-Ready Electrical Construction by submitting to the Attaching Entity the completed CPS Energy Authorization for Make-Ready Work form, provided in Appendix B. The estimate provided in the CPS Energy Authorization for Make-Ready Work form shall be valid for fifteen (15) days of issuance. Should the Attaching Entity not indicate its acceptance within the fifteen (15) day time-frame, the Application shall be deemed cancelled. If approved by the Attaching Entity, the Attaching Entity shall pay CPS Energy pursuant to the terms of CPS Energy Authorization for Make-Ready Work and Section II.I.1. CPS Energy will not schedule or release to construction any Make-Ready Electrical Construction work on behalf of an Attaching Entity until the advance payment is received in full by CPS Energy.
- a) As provided in this Section II.I.3, CPS Energy will require advance payment of estimated expenses for Make-Ready Electrical Construction. CPS Energy shall perform a true up of costs for work orders closed upon request, and the following will apply:
- (i) To the extent that the actual costs of the work order exceeds the advance payments of estimated expenses, the Attaching Entity shall pay CPS Energy for the net difference in costs; or
 - (ii) To the extent that the actual costs of the work order is less than estimated costs, CPS Energy will refund to the Attaching Entity the net difference in costs.
 - (iii) In either event identified in Section II.I.3.a.i or Section II.I.3.a.ii above, CPS Energy shall either invoice or refund the appropriate costs to the Attaching Entity within sixty (60) days following the close of each work order pursuant to this Section II.I.3.a.
- b) For any actual costs incurred by CPS Energy that are not reflected in the work order costs for any reason, an estimated cost will be determined by CPS Energy and added to the actual work order costs in order to account for these costs during the true up process.
4. **Annual Attachment Connection Fee.** CPS Energy shall invoice the annual Attachment Connection Fee to each Attaching Entity having permitted wire Attachments no later than December 31st of each year. The invoice shall set forth the total number of pole feet



utilized by Attachments on CPS Energy Poles for which the Attaching Entity has submitted Pole Attachment Applications as of December 1st of the then-current rental year multiplied by the Attachment Rate. The Attaching Entity shall pay the invoice for the Attachment Connection Fee as specified in Section II.1.1. Failure to make timely payment of invoice in full will result in the suspension of processing any further Applications for Attachments submitted by the Attaching Entity pending receipt of payment.

- a) The Attachment Rate shall be calculated by CPS Energy on an annual basis pursuant to applicable laws and regulations.
- b) CPS Energy will make available on its Pole Attachment webpage, www.cpsenergy.com/poleattachments, relevant information and inputs required for calculating the Attachment Rate.

5. **Annual Wireless Installation Fee.** CPS Energy shall invoice the annual Wireless Installation Fee to each Wireless Provider having permitted Wireless Installations no later than December 31st of each year. The invoice shall set forth the total number of Wireless Installations and pole feet utilized for which the Wireless Provider has submitted Pole Attachment Applications as of December 1st of the then current year multiplied by the Wireless Rate. The Wireless Provider shall pay the annual invoice for the Wireless Installation Fee as specified in Section II.1.1. Failure to make timely payment of the invoice in full will result in the suspension of processing any further Applications for Wireless Installations submitted by the Wireless Provider pending receipt of payment.

- a) The Wireless Rate shall be the same as the Attachment Rate, which will be calculated by CPS Energy on an annual basis and shall be applied ~~on~~ a per-foot-basis in accordance with Chapter 284 of the Texas Local Government Code.

6. **Annual Banner Attachment Connection Fee.** CPS Energy shall invoice the annual Banner Attachment Connection Fee to each Banner Attacher having permitted Banner Attachments no later than December 31st of each year. The invoice shall set forth the total number of Banner Attachments and pole feet utilized for which the Banner Attacher was issued corresponding Permits as of December 1st of the then current year multiplied by the Banner Attachment Rate. The Banner Attacher shall pay the annual invoice for the Banner Attachment Connection Fee as specified in Section II.1.2. Failure to make timely payment of the invoice in full will result in the suspension of processing any further Applications for Banner Attachments submitted by the Banner Attacher pending receipt of payment.



- a) The Banner Attachment Rate shall be the same as the Attachment Rate, which will be calculated by CPS Energy on an annual basis and shall apply to every foot of pole space reserved by the installation of hardware for the display of Banners.
7. **Unauthorized Charges.** The installation of Unauthorized Attachments, Unauthorized Wireless Installations, or Unauthorized Banner Attachments poses an increased risk to CPS Energy personnel, the public, and legitimate Attachments, Overlashings, Wireless Installations, and Banner Attachments of other Attaching Entities. CPS Energy shall issue a Notice of Unauthorized Attachments, Unauthorized Wireless Installations, or Unauthorized Banner Attachments a copy of which is provided in Appendix B, promptly upon discovery to the Attaching Entity that owns such Attachments, Wireless Installations, or Banner Attachments pursuant to Section III.E. Such notice shall include the specific location of the Unauthorized Attachment, Wireless Installation, or Banner Attachment (including CPS Energy Pole number).
- a) An Attaching Entity may dispute CPS Energy's determination by providing the Attachment's, Wireless Installation's, or Banner Attachment's Permit or approved Application from CPS Energy within forty-five (45) calendar days of CPS Energy's issuance of such notice, if available.
 - b) CPS Energy will invoice for any Unauthorized Attachment, Unauthorized Wireless Installation, or Unauthorized Banner Attachment identified by the terms and conditions of this Section II.I.7, Section III.E, and Appendix H. Any Unauthorized Attachment Charges, Unauthorized Wireless Installation Charges, or Unauthorized Banner Attachment Charges shall be paid within forty-five (45) calendar days upon issuance of invoice.
 - c) If the Attaching Entity, Wireless Installation, or Banner Attachment owner or operator fails to pay the Unauthorized Attachment Charges, Unauthorized Wireless Installation Charges, or Unauthorized Banner Attachment Charges within forty-five (45) calendar days following issuance of the invoice, CPS Energy shall thereon immediately discontinue the processing of any pending and subsequent Applications until the invoice is paid in full, and may pursue such other and further enforcement remedies as it may have available.
8. **Other.** CPS Energy may invoice other fees or penalties, described in Appendix H, pursuant to the Pole Attachment, Wireless Installation Agreement, or Banner Attachment Agreement, and these Standards.



J. Claims

1. Claims for Damages to CPS Energy Facilities.

- a) The CPS Energy Claims Department shall be responsible for investigating and resolving claims for damages to CPS Energy Facilities caused by a third-party, including an Attaching Entity, or its contractors, subcontractors, and agents.
- b) An Attaching Entity shall be responsible for immediately notifying CPS Energy of any damages to CPS Energy Facilities resulting from the Attaching Entity's construction activities, including the activities of its contractors, subcontractors, or agents.
- c) In the event CPS Energy Facilities are damaged by an Attaching Entity, or its contractors, subcontractors, or agents, the CPS Energy Claims Department will tender to the Attaching Entity at fault a third-party claim for damages.
- d) The Attaching Entity is responsible for making CPS Energy whole and for reimbursing all third-party claims associated with damages to CPS Energy Facilities resulting from the installation, operation, maintenance, transfer, relocation, removal, failure, or forceful detachment of an Attachment, Overlash, Wireless Installation, or Banner Attachment whether caused by the Attaching Entity, its contractors, subcontractors, and agents, or by any unaffiliated third-party.

2. Upon Receipt of Claim.

- a) Upon receiving notification of damages to CPS Energy Facilities, whether by the Attaching Entity or from another source, a claims file will be opened, and a CPS Energy claims representative will be assigned to the file. All CPS Energy internal claims representatives are licensed by the Texas Department of Insurance.
- b) The Attaching Entity will be timely notified of the claim for damages to CPS Energy Facilities and will be advised that an internal investigation has commenced, and will be provided with a preliminary assessment of the damages to CPS Energy Facilities.
- c) An internal investigation will be completed by CPS Energy to determine liability for all claims for damages to CPS Energy Facilities. Utilizing industry standard claims software to create a record of the claims process, the assigned adjuster will investigate the claim and gather relevant facts and documentation. All of the gathered information will be compiled by the licensed adjuster and analyzed to determine liability and the total amount of damages.



- d) Once a determination of liability is made regarding the claims for damage to CPS Energy Facilities, a claims representative will notify the Attaching Entity in writing and provide a Collection Notice Letter stating the amount of damages owed to CPS Energy, and the Attaching Entity will have an opportunity to respond.

3. Dispute of Claim.

- a) In the event liability is disputed for a claim of damages to CPS Energy Facilities, the Attaching Entity must submit a Notice of Dispute Form, a copy of which is provided as Appendix C, to the CPS Energy Claims Department within five (5) business days of receiving CPS Energy's tender explaining the reason for the disputing liability and providing documentary support for the dispute. Dispute of a claim shall not be capricious, nor will assumption of responsibility be unreasonably withheld.
- b) An Attaching Entity may conduct its own independent investigation of any claims for damage to CPS Energy Facilities. CPS Energy shall cooperate with the Attaching Entity's claims investigator. CPS Energy shall consider the findings of the Attaching Entity's investigation provided that the investigation is completed within forty-five (45) calendar days of the Attaching Entity submitting to CPS Energy a Notice of Dispute Form.
- c) The CPS Energy Claims Department may assign the dispute to an internal independent review panel which will provide a de novo review of the claim file including, the Notice of Dispute Form, and any supporting documentation submitted by the Attaching Entity. CPS Energy will notify the Attaching Entity of the final determination of liability within thirty (30) calendar days.

4. Payment of Claims.

- a) In the event the final determination is one of liability on the part of the Attaching Entity, CPS Energy will send a Collections Notice Letter. Upon receipt of the Collections Notice Letter, the Attaching Entity must remit payment with twenty (20) calendar days to the following address:

**CPS Energy Claims Department
Mail Drop CT1201
PO Box 1771
San Antonio, Texas 78296**

- b) The correspondence accompanying payment must include the CPS Energy claims number associated with the file.



5. Failure to Pay Claims.

- a) Failure to timely pay a non-disputed claim or otherwise follow these claim procedures shall constitute violation of these Standards and will result in the suspension of any existing Applications and rejection of any future Applications submitted by the Attaching Entity until such time as the claim has been satisfied and closed.
- b) If a non-disputed payment is not timely received, CPS Energy will seek reimbursement under the Attaching Entity's performance bond.
- c) CPS Energy reserves the right to refer collection on any unpaid outstanding claims to a collections agency and/or legal counsel.

K. Compliance with Pole Attachment Standards & CPS Energy Enforcement

1. Expectation of Compliance. Pursuant to a Pole Attachment Agreement, Wireless Installation Agreement, or Banner Attachment Agreement, as appropriate; each Attaching Entity shall fully comply with the terms and conditions set forth in these Standards as a condition to receive a Permit from CPS Energy.

2. Enforcement of Standards. Pursuant to either the Pole Attachment, Wireless Installation Agreement, or Banner Attachment Agreement, as appropriate; CPS Energy reserves all rights available to CPS Energy under these Standards and such agreements to enforce compliance with these Standards in a non-discriminatory manner by all Attaching Entities. In the absence of an agreement, for any reason, CPS Energy will enforce these Standards in a non-discriminatory manner with the understanding that these Standards do not grant any rights to any person, public entity, or private company or corporation that is not subject to an applicable Pole Attachment Contract.

iii) Safety Violations & Safety Violation Assessment Charge.

- a) If during an Inventory or otherwise, CPS Energy determines that one or more of an Attaching Entity's Attachments, Wireless Installations, or Banner Attachments, or any part thereof, are installed, used, or maintained in such a manner as to create one or more Safety Violations; CPS Energy shall promptly notify the Attaching Entity in accordance with the provisions of Section II.B.2 by issuing a Notice of Safety Violation, a copy of which is provided in Appendix B. Attaching Entity shall correct the Safety Violation(s) as soon as possible, but no later than five (5) calendar days from CPS Energy's issuance of such notice.



If following CPS Energy's verification, the Safety Violation has not been cured within the five (5) calendar day period:

- (i) CPS Energy may correct said conditions. CPS Energy will attempt to notify the non-compliant Attaching Entity in writing prior to performing such work whenever practicable. Should CPS Energy determine the Safety Violation poses an Emergency, interferes with the performance of CPS Energy's service obligations, or poses an immediate threat to the physical integrity of CPS Energy Facilities; CPS Energy may perform such work and/or take such action as it deems necessary without first giving written notice to the Attaching Entity. As soon as practicable thereafter, CPS Energy will advise the Attaching Entity of the work performed or the action taken. The Attaching Entity shall be responsible for all costs incurred by CPS Energy in taking action pursuant to this Section II.K. CPS Energy will facilitate the resolution of responsibility for violations in the event that multiple Attaching Entities are on the same Pole.
 - (ii) Pursuant to Section II.K.3.a, CPS Energy will impose a ten percent (10%) surcharge on its costs of conducting any work to correct or remedy a Safety Violation.
- b) Following the correction of the Safety Violation(s), CPS Energy shall issue a Notice of a Safety Violation Assessment Charge, the form of which is in Appendix B, to the Attaching Entity, as provided in Appendix H for each Safety Violation(s) noted.
- c) The Attaching Entity may dispute responsibility for such Safety Violation Assessment Charge within fifteen (15) calendar days of CPS Energy's issuance of notice. CPS Energy and the Attaching Entity shall meet within fifteen (15) days of CPS Energy receiving the notice of dispute to review all relevant facts and work towards an agreement on the question of responsibility of the Safety Violation(s). CPS Energy will provide its determination of responsibility within ten (10) calendar days of the determination meeting. Should CPS Energy in its reasonable judgement determine the Attaching Entity was at fault, the Attaching Entity shall be responsible for the Safety Violation Assessment Charge. However, should CPS Energy in its reasonable judgement determine the Attaching Entity is not at fault; CPS Energy may in its discretion waive the Safety Violation Assessment Charge and investigate to determine the responsible party. Regardless of CPS Energy's determination as to the Safety Violation Assessment Charge, the Attaching Entity that owns the Attachment, Wireless Installation, or Banner Attachment imposing the Safety Violation is required to remedy the Safety Violation within five (5) calendar days of CPS Energy's issuance of the Notice of Safety Violation form in accordance with Section II.K.3.a.



Should the Attaching Entity fail to dispute the Safety Violation Assessment Charge within fifteen (15) calendar days of CPS Energy issuing the Notice of Safety Violation Assessment Charge as required by this Section II.K.3.c, the Attaching Entity shall be required to pay the full amount of any Safety Violation Assessment Charges levied by CPS Energy within forty-five (45) calendar days from receipt of invoice. Failure to make timely payment shall result in the following enforcement measure:

- (i) CPS Energy will immediately suspend or stop processing Applications submitted by the non-compliant Attaching Entity for future Permits until full payment is received by CPS Energy.
- 4. **Failure to Enforce.** Failure of CPS Energy to take action to enforce compliance with any of the terms and conditions of these Standards shall not constitute a waiver or relinquishment of any term or condition of these Standards, but the same shall be and remain at all times in full force and effect until terminated, in accordance with these Standards or the Pole Attachment, Wireless Installation, or Banner Attachment Agreement, as appropriate.

L. Conflict Resolution

Notwithstanding the provisions of Section III.A.5 and Section III.A.6; conflicts, both informal and formal, identified between CPS Energy and an Attaching Entity arising from and/or related to technical interpretations and/or day-to-day administration of these Standards shall comply with this Section II.L.

- 1. **Informal Conflict Resolution.** Informal conflicts identified between an Attaching Entity and CPS Energy arising from and/or related to technical interpretations and/or day-to-day administration of these Standards shall comply with this Section II.L.1. Notice of an informal conflict shall be submitted via electronic mail to the CPS Energy representatives identified in Section II.L.1.a below. The party initiating the conflict notice shall (1) provide a specific detailed description of the conflict including any previous efforts to remedy the conflict, and (2) call for progressive management involvement in the resolution process. Both CPS Energy and the Attaching Entity shall use their best efforts to arrange personal meetings and/or telephone conferences as needed, at mutually convenient times and places at each of the following successive management levels, each of which will have a period of allotted time as specified below in which to attempt to resolve the conflict:

- a) Successive Management Levels (for CPS Energy).



- (i) First Level: Pole Attachment Representative (CPS Contractor) – 5 business days.
 - (ii) Second Level: Manager, CPS Energy Pole Attachment Services – 10 business days.
 - (iii) Third Level: Director, CPS Energy Distribution Engineering – 15 business days.
- b) The allotted time for the first-level of resolution process will begin on the next business day following the submission of the electronic mail of the conflict by the submitting party. If a resolution is not achieved at any given management level at the end of their allotted time, then the allotted time for the negotiators at the next management level will begin on the next business day unless the parties agree otherwise to extend the allotted time.
- c) If a resolution is reached, CPS Energy shall draft a letter agreement which outlines the basis of the disagreement, the steps taken to reach settlement, and the settlement provisions. Both CPS Energy and the Attaching Entity shall provide their affirmative support of the agreed resolution.
- d) If a resolution is not achieved at the final management level within their allotted time at the operation level, then either party is directed to follow the Dispute Resolution process as defined in the Pole Attachment, Wireless Installation, or Banner Attachment Agreement, as appropriate, for further escalation.
2. **Formal Process.** Where these Standards provide CPS Energy with the authority to determine whether an Attaching Entity or its Attachments, Wireless Installations, or Banner Attachments are in violation of any Applicable Engineering Standard or of any provision of these Standards, CPS Energy shall provide the Attaching Entity with written notice of its investigation into such matters. Such notice shall be provided to the Attaching Entity’s representative identified in its Attaching Entity Registration & Annual Reporting Form as required in Section II.B and shall be no fewer than thirty (30) calendar days prior to the day CPS Energy intends to make a final determination, and shall include all information in CPS Energy’s possession or control relevant to its investigation and determination. In cases of Emergency or in other cases in which the notice time periods set forth in this Section II.L.2 are not feasible, CPS Energy shall endeavor to provide the Attaching Entity with as much advance notice of its investigation as possible. The Attaching Entity may provide additional information to CPS Energy relevant to the determination within fifteen (15) calendar days of CPS Energy issuing written notice of its investigation. In the event Attaching Entity provides information that indicates that



CPS Energy incorrectly determined that the Attaching Entity was in violation of any Applicable Engineering Standard or any provision of these Standards, CPS Energy shall promptly restore the Attaching Entity to the position it held prior to the determination.

m) Liability Insurance

CPS Energy shall require the liability insurance as described in the Pole Attachment Agreement for wired Attachments, Wireless Installation Agreement for Wireless Installations, and Banner Attachment Agreement for Banner Attachments, as appropriate, in addition to the requirements of Section IV.D.4.

n) Indemnification

CPS Energy shall require the indemnification as described in the Pole Attachment Agreement for wired Attachments, Wireless Installation Agreement for Wireless Installations, and Banner Attachment Agreement for Banner Attachments, as appropriate, in addition to those indemnification provisions provided in these Standards.

o) Performance Bond

CPS Energy shall require Attaching Entity to secure and maintain a performance bond as described in the Pole Attachment Agreement for wired Attachments, Wireless Installation Agreement for Wireless Installations, and Banner Attachment Agreement for Banner Attachments, as appropriate.



SECTION III. GENERAL TECHNICAL PROVISIONS



III. GENERAL TECHNICAL PROVISIONS

A. General Design & Construction Standards & Specifications

1. **Professional Engineer.** An Attaching Entity shall utilize a licensed Professional Engineer to undertake and complete the engineering design and Pole Loading Analysis (PLA) calculations required in completing an Application for Permit as described in Section IV and Section V. For the purposes of these Standards, an Engineer shall include engineering employees or contractors with a valid state of Texas professional engineering license in good standing. All Engineers considered by the Attaching Entity must be approved by CPS Energy before undertaking any engineering work on behalf of the Attaching Entity. CPS Energy approval shall not be unreasonably withheld, conditioned, or delayed. CPS Energy shall maintain a list of pre-approved Engineers on its website.

The Attaching Entity's Engineer shall adhere to all Applicable Engineering Standards and requirements of CPS Energy. Failure to comply with such standards and requirements may result in CPS Energy retracting its approval of the Engineer. If CPS Energy reasonably determines that non-compliance by the Engineer resulted in substandard work, the Attaching Entity shall be required to remedy all work conducted by the Engineer that does not comply with the Applicable Engineering Standards and any other requirements of CPS Energy at the sole expense of the Attaching Entity.

2. **Contractors.** All work, with the exception of One-Touch Simple Transfers and Pole Top Antenna installations, performed on CPS Energy Facilities on behalf of an Attaching Entity pursuant to a Permit shall be done by its own employees, contractors, or subcontractors approved by CPS Energy, which approval shall not be unreasonably withheld, delayed, or conditioned. One-Touch Simple Transfers and Pole Top Antenna installations shall only be undertaken by contractors certified and approved by CPS Energy for such work pursuant to Section IV.B.5.b All employees, contractors, and subcontractors utilized by the Attaching Entity shall be subject to the same standards of conduct and behavior as CPS Energy applies to its own contractors and employees, as set forth in Appendix M and Appendix N, which CPS Energy may reasonably revise upon thirty (30) calendar days' notice. Failure of any employee, contractor, or subcontractor of the Attaching Entity to adhere to and comply with such CPS Energy standards and requirements may result in CPS Energy retracting its approval of the employee, contractor, or subcontractor to perform work of any kind on CPS Energy Facilities.



The Attaching Entity shall bear full responsibility for ensuring its employees, agents, contractors, and subcontractors are in full compliance with the requirements of these Standards. An Attaching Entity may be required to remedy any and all work, conducted by either its employees, contractor, or subcontractor that does not comply with the Applicable Engineering Standards and other construction standards and requirements of CPS Energy. CPS Energy reserves the right to halt all work undertaken by the Attaching Entity or its contractors/subcontractors that in CPS Energy's sole discretion is deemed unsafe or undertaken contrary to CPS Energy standards and requirements.

1. **Right to Review.** CPS Energy contemplates relying upon the Attaching Entity's Pre-Construction Survey and other engineering/field evaluation reports developed and relied upon in connection with any Application submitted by the Attaching Entity. Nonetheless, CPS Energy reserves the right to perform its own (either by CPS Energy employees or contractors) engineering and field evaluation or verification as appropriate or necessary. The costs for CPS Energy to undertake such additional engineering and field evaluation shall be paid by the Attaching Entity pursuant to Section IV, Section V, Section VI, and Section II.I.2.
2. **Installation/Maintenance of Communications Facilities.** All Attaching Entities shall be responsible for the installation and maintenance of their Communications Facilities, Wireless Installations or Banner Attachments in accordance with the requirements and specifications set out in these Standards, including the Appendices. An Attaching Entity shall at all times and at its own expense make and maintain its Attachments, Overlashings, Wireless Installations, and Banner Attachments in a safe and workmanlike manner, and keep them in good repair and condition in accordance with all Applicable Engineering Standards.

Notwithstanding the foregoing; Attachments, Overlashings, Wireless Installations, and Banner Attachments which complied with the Applicable Engineering Standards at the time they were originally installed may be operated in place until such time that such facilities are subject to modification, upgrade, rebuild, repair, transfer, relocation, or other such changes at which time, these facilities will be required to comply with the then current Applicable Engineering Standards.

- a) **Protective Equipment.** The Attaching Entity, its employees and contractors, shall install and utilize adequate protective equipment to ensure the safety of people and facilities. The Attaching Entity shall install, at its own expense, protective devices designed to handle the voltage and current impressed on its Communications Facilities or Wireless Installations in the event of a contact or due to close proximity



with a supply conductor(s) or other energized equipment. CPS Energy shall not be liable for any actual or consequential damages to the Attaching Entity's Communication Facilities, Wireless Installations, or the Attaching Entity's customers' facilities resulting from such contact or proximity with CPS Energy's supply conductor(s) or other energized equipment.

3. **Conflicts within the Standards.** If there exists a difference or conflict in the Applicable Engineering Standards, the following rules will apply:
- a) if one Applicable Engineering Standard is more stringent than the other, the more stringent shall apply;
 - b) if one of the conflicting specifications, regulations, or practices is not more stringent than the other, the specification, regulation, or practice of the National Electrical Safety Code (NESC) will apply; or
 - c) if the conflict cannot be resolved under the first two rules, CPS Energy will determine in good faith which specification, regulation, or practice shall apply, with safety concerns given the highest priority in such determination, subject to the conflict resolution procedures outlined in Section II.L.1.

An Attaching Entity shall not be penalized in any manner for non-compliance with conflicting standards that are resolved pursuant to subpart (c) of this Section III.A.5 provided the Attaching Entity identifies the potential conflict to CPS Energy in writing at least seven (7) days before actual construction of the Attachment, Overlash, Wireless Installation, or Banner Attachment began.

4. **Request Waiver.** An Attaching Entity may request a waiver of specific items of the Applicable Engineering Standards by submitting a properly completed CPS Energy Request for Waiver of Applicable Engineering Standards form (Waiver Request), a copy of which is in Appendix B and available on the CPS Energy Pole Attachment website, www.cpsenergy.com/poleattachments, either before or at the time of Application submission. The request must specifically identify the Applicable Engineering Standard requested to be waived, justification for requesting the granting of the waiver, and the proposed solution as a result of the waiver. CPS Energy shall notify the Attaching Entity in writing within seven (7) calendar days of receiving a properly completed Waiver Request form. CPS Energy will not grant any waiver which in the sole opinion of CPS Energy will result in a violation of the NESC or other applicable federal, state, or local law, regulation, or ordinance.



5. **Tagging.** Each Attaching Entity shall properly install identification Tags on all of its Attachments, Overlashings, Wireless Installations, and Banner Attachments as specified in Appendix K and/or applicable federal, state, local, or industry regulations in effect at the time of installation. With regard to Banner Attachments, in addition to tagging all pole-mounted hardware, temporarily displayed Banners shall include an identification Tag made of fabric and sewn onto the Banner material. Failure of an Attaching Entity to provide proper tagging of its Attachments, Overlashings, Wireless Installations, or Banner Attachments, or failure to undertake in good faith its Tagging Plan shall be considered a violation of the Applicable Engineering Standards.

(1) Should CPS Energy discover that an Attaching Entity has Attachments, Overlashings, Wireless Installations, or Banner Attachments that are untagged or incorrectly tagged⁷, excluding Service Drops, exceeding five percent (5%) of its total Attachments, Wireless Installations or Banner Attachments respectively, the Attaching Entity, at CPS Energy's request, shall within two (2) months, provide to CPS Energy a written plan (Tagging Plan) to Tag the Attachments, Overlashings, Wireless Installations, or Banner Attachments. The Tagging Plan shall identify an estimated schedule to complete the tagging of all untagged or incorrectly tagged Attachments, Overlashings, Wireless Installations, or Banner Attachments within an eighteen (18) month period for Attachments and Overlashings and within two (2) months for Wireless Installations and Banner Attachments. The Attaching Entity and CPS Energy shall meet every two months during the timeframe outlined in the Tagging Plan to determine Attaching Entity's compliance with its Tagging Plan. CPS Energy reserves the right to conduct field audits to assess the Attaching Entity's compliance with its Tagging Plan.

(2) In the event any Attachment, Overlash, Wireless Installation, or Banner Attachment is untagged or incorrectly tagged and CPS Energy must determine the owner's identity in order to address the repair or maintenance of a CPS Energy Facility where CPS Energy cannot undertake such repair or maintenance absent the removal or transfer of such Attachment, Overlash, Wireless Installation, or Banner Attachment; CPS Energy will undertake the following protocol:

- (i) A thirty (30) minute reasonable effort to determine the owner of the untagged Attachment, Overlash, Wireless Installation or Banner Attachment at no cost to the Attaching Entity; then
- (ii) Provided the initial thirty (30) minute effort is unsuccessful, CPS Energy shall continue with its search until ownership is determined. CPS Energy shall bill,

⁷ As to the current ownership of the Attachment, Overlash, Wireless Installation, or Banner Attachment.



and the non-compliant Attaching Entity shall pay CPS Energy at the Tracing Line Ownership rate set forth at Appendix H for the time required to determine the Attachment, Overlash, Wireless Installation, or Banner Attachment ownership.

6. **Physical Interference with CPS Energy Facilities.** An Attaching Entity shall not allow its Communications Facilities, Wireless Installations, or Banner Attachments to impede, impair, or interfere with the installation, placement, or operation of any CPS Energy Facilities. An Attaching Entity whose Communications Facilities, Wireless Installations, Banner Attachments, or any part thereof; impede, impair, or interfere with any CPS Energy Facilities shall correct such condition within fifteen (15) calendar days from receipt of written notice of such impairment from CPS Energy. Failure to timely correct such condition will result in CPS Energy, at its option, taking all necessary steps to correct said condition at Attaching Entity's expense plus ten-percent (10%). CPS Energy will attempt to notify the non-compliant Attaching Entity in writing prior to performing such work whenever practicable.

If an Attaching Entity continues to allow its Communications Facilities, Wireless Installations, or Banner Attachments to impede, impair, or interfere with the operation of any CPS Energy Facilities after the initial fifteen (15) calendar day correction period, the Attaching Entity shall be subject to enforcement action, including but not limited to:

- (i) Suspension of the processing any further Applications, by the Attaching Entity, pending resolution of such interference; and
- (ii) Potential contractual claims.

An Attaching Entity shall not be responsible for physical interference with future installations by other Attaching Entities, provided that the Attaching Entity's prior Attachments are duly permitted by CPS Energy and comply with all Applicable Engineering Standards and the requirements of these Standards at the time of the initial installation, unless otherwise required by applicable federal, state, or local laws. Where CPS Energy needs to add to or modify CPS Energy Facilities in a case other than remedying a non-compliant condition caused by an Attaching Entity, and where that action would require the replacement of a Pole or Streetlight Pole, as applicable, CPS Energy and all affected Attaching Entities shall be responsible for their own cost of transferring their Attachments, Overlashing, Wireless Installations, or Banner Attachments. CPS Energy will be responsible for the replacement cost of the pole structure.



- a) **No Wireless Installations within Certain Distance from CPS Energy Substations.** No Applications will be approved for a Wireless Installation on CPS Energy Poles or Overhead Streetlight Poles within two-thousand feet (2000') of any CPS Energy Substation's outer fence.
7. **Performance Interference to Attaching Entity's Customer.** To the extent an Attaching Entity identifies any interference with its Communications Services impacting its customers that may or may not be related to CPS Energy Facilities, the Attaching Entity shall not identify CPS Energy to its customers as the source of such interference absent a test report verifying the source and prior notice to CPS Energy of the report's findings. The Attaching Entity shall cooperate with CPS Energy to investigate the source of any such signal interference and shall at CPS Energy's request conduct a test, at the Attaching Entity's expense, verifying the source of such interference. The test equipment used for verifying the source of interference must be calibrated to the standards provided by the National Institute of Standards and Technology or any similar, mutually agreeable standards organization. In the event such testing provides conclusive evidence that CPS Energy Facilities are the source of such interference, CPS Energy shall reimburse the Attaching Entity for the reasonable expense of the testing and will work with Attaching Entity to find a reasonable mitigation of the interference that does not impose undue burdens on CPS Energy's ability to provide electric service.
8. **Wireless Interference.** All Wireless Installations, including Mid-Span Installations, shall be operated in such a manner which will not cause Wireless Interference to any existing or future CPS Energy Facilities, CPS Energy wireless systems or operations, or governmental public safety facilities or operations. Nor shall they cause Wireless Interference to the facilities or operations of any other Attaching Entity or FCC-licensed operator. In the event of Wireless Interference, the Wireless Provider shall shut down the Wireless Equipment causing such interference within one (1) hour of CPS Energy contacting the Attaching Entity's Network Operations Center. If the Attaching Entity fails to timely shut down the Wireless Equipment, CPS Energy reserves the right to cut off electricity to the Wireless Installation. Thereafter, following receipt of written notice of the incident, the Attaching Entity will take all commercially reasonable steps necessary to permanently eliminate such interference, including but not limited to, recalibration or replacement of Wireless Equipment, and the subsequent powering down of such equipment for intermittent testing pursuant to the requirements of Section III.A.10.c. In the event the Wireless Interference cannot be eliminated through equipment recalibration or replacement, the Wireless Installation shall be removed, and the Wireless Equipment may be installed at an alternative pole-site that does not cause



Wireless Interference. These activities shall be carried out by the Wireless Provider at its own expense.

In the event of Wireless Interference as described in the previous paragraph, the Wireless Provider shall correct such condition within fifteen (15) calendar days from receipt of written notice. Failure to timely correct such condition permanently, and the reactivation of the Wireless Equipment to the same effect, will result in CPS Energy, at its option, taking all necessary steps to eliminate the reoccurrence of Wireless Interference at Wireless Provider's expense. CPS Energy will attempt to notify the non-compliant Wireless Provider in writing prior to performing such steps whenever feasible. If any Wireless Provider continues to allow its Wireless Installations to interfere with the operation of any CPS Energy Facilities as described above after the initial fifteen (15) calendar day correction period, the Wireless Provider shall be subject to enforcement action, including but not limited to:

- (i) Interruption of CPS Energy supplied power to the identified Wireless Installation;
- (ii) Suspension of the processing any further Applications, submitted by the Wireless Provider, pending resolution of such interference; or
- (iii) Other remedies under the applicable Pole Attachment Agreement and associated Wireless Addendum, or Wireless Installation Agreement.

In situations where CPS Energy determines that a Wireless Provider's impairment or interference condition poses a potential Emergency situation, CPS Energy may perform such work and/or take such action(s) as it deems necessary to eliminate the potential Emergency situation without first giving written notice to the Wireless Provider. As soon as practicable thereafter, CPS Energy will advise the non-conforming Wireless Provider of the work performed or the action(s) taken. The non-conforming Wireless Provider shall be responsible for all costs incurred by CPS Energy plus ten-percent (10%) in taking action pursuant to this Section III.A.10.

9. **Interference Studies & Testing.** In the Application process, and at Wireless Interference events, CPS Energy requires the documentation and analysis of testing for potential and possible Wireless Interference. CPS Energy reserves the right to hire consultants and industry experts to perform Wireless Interference testing, investigations, and/or analysis at the sole expense of the Wireless Provider.
- (i) *Initial Installation* - In the Pre-Certification and/or Application process for the initial installation of the Wireless Installation, an Intermodulation Test report will be provided by the Wireless Provider.



- (ii) *Equipment Upgrades or Replacements* - In the Pre-Certification and/or Application process for an upgrade, or non-like for like replacement of the initial Wireless Installation, an Intermodulation Test report will be provided by the Wireless Provider.
 - (iii) *Interference Studies & Testing Report* - The Intermodulation Test report will have an executive summary stating a “highly likely” or “not likely” for potential intermodulation issues. The intermodulation Test report shall be prepared by an Engineer trained and certified in radio frequency engineering.
- b) At CPS Energy’s sole discretion, a more in-depth radio frequency (RF) interference study may be required at certain occurrences, to include but not, limited to: 1) “highly likely” assessment of intermodulation issues in a summary of any Intermodulation Test report, 2) a known and/or unresolved RF interference complaint. The RF interference study will require an onsite visit(s) to gather field measurements and site conditions. The following area will be addressed: intermodulation products – transmitter and receiver, receiver noise & desensitization, transmitter noise & harmonics, and spurious emissions. Such RF interference study shall be undertaken and approved by an engineer, trained and certified in radio frequency engineering. Additionally, the RF interference report will have an executive summary with action statement, a method of RF interference remedies (if necessary), and all input parameters indexed.
- c) A Wireless Provider may; intermittently, temporarily, or permanently; shut-off power to remedy and/or troubleshoot Wireless Interference issues. Electrical service shall not be reinstated without CPS Energy’s written approval following a request to reestablish electrical service from the Wireless Provider. CPS Energy reserves the right to determine if all Wireless Interference issues are remedied prior to granting approval to reinstate electrical power.
- d) The RF interference studies and testing prescribed for Wireless Installations in subsections III.A.10.a) and b), above, do not apply to Mid-Span Installations. This provision is not intended to be interpreted as authority to exempt a Mid-Span Installation from complying with any other requirements applicable to Wireless Installation, unless otherwise specifically state elsewhere herein.
- 10. Enclosures.** Except as to Attaching Entity’s facilities located on Attaching Entity’s private property and/or easements, no Attaching Entity shall place new pedestals, vaults and/or other enclosures (excluding Wireless Equipment Cabinets and Slab Mounted Equipment Cabinets) on or within four (4) feet of any Pole, or other CPS Energy Facilities without CPS Energy’s prior written permission. The Attaching Entity shall



specifically identify this request in its Application for Permit submittal. If permission is granted by CPS Energy, all such installations shall be in compliance with the specifications and drawings provided in Appendix D, Appendix I, or other Applicable Engineering Standards. An Attaching Entity may retain any pedestals, vaults and/or other enclosures located within four (4) feet of any Pole, or other CPS Energy Facilities that are in place on or before August 1, 2016, or result as part of a future pole replacements, provided the Attaching Entity complies with any and all directives issued by CPS Energy regarding such enclosures.

- 11. Vegetation Management.** Attaching Entities shall be responsible for performing, or causing the performance of, all tree trimming and other vegetation management necessary for the safe and reliable installation, use, and maintenance of their Attachments, Overlashings, Wireless Installations, or Banner Attachments and to avoid stress on Poles and Streetlight Poles, as applicable, caused by contact between tree limbs and the Attaching Entities' Attachments, Overlashings, Wireless Installation, or Banner Attachments components.

Per NESC, all crossing span and adjoining spans on each side of a line crossing, railroad crossing, limited-access highway crossing, or navigable waterway requiring a crossing permit shall be kept free from overhanging or decayed trees or limbs that shall fall into the line, including both supply and communication cables.⁸

All tree trimming shall be performed in accordance with OSHA⁹ regulations and/or local municipal ordinances, set out in Appendix O, as may be amended from time to time. Attaching Entities shall use qualified tree trimming contractors approved by CPS Energy who shall adhere to industry and local municipal ordinances, standards, and requirements for tree trimming and vegetation management. Failure of a tree trimming contractor to adhere to and comply with such standards and requirements may result in CPS Energy retracting its approval of the tree trimming contractor to perform further work of any kind on or around CPS Energy Facilities. An Attaching Entity may be required to remedy any and all work, conducted by its tree trimming contractor that fails to comply with the tree trimming standards and requirements set forth in Appendix O. CPS Energy reserves the right to halt any and all work by any such tree trimming contractor that CPS Energy in its discretion deems to be unsafe or performs work contrary to the standards and requirements set forth in Appendix O and the Applicable Engineering Standards.

⁸ NESC Rule 218, Vegetation Management, C2-2017.

⁹ Occupational Safety and Health Administration (OSHA).



12. Removal of Attaching Entity’s Facilities.

a) Abandoned Facilities. An Attaching Entity shall report, through the annual registration process described in Section II.F, and remove at the Attaching Entity’s expense; all abandoned, non-functional, and obsolete Attachments, Overlashings, Wireless Installations, and any related Communications Facilities, as well as Banner Attachments, on CPS Energy Poles or Streetlight Poles, as applicable, which the appropriate Attaching Entity:

- (i) No longer utilizes for providing Communications Service or Telecommunications Services, Wireless Service, or Banner Advertisement service;
- (ii) Has abandoned or plans to abandon during the next reporting period; or
- (iii) Has replaced with operating capacity of alternative facilities.

Except as otherwise provided, the Attaching Entity shall remove these facilities coincident with their replacement, and in all cases within one (1) year of meeting any of the above conditions, unless the Attaching Entity receives written notice from CPS Energy that removal is necessary to accommodate CPS Energy’s use of the affected Poles, pursuant to a reservation of Capacity, in which case the Attaching Entity shall remove such Attachments, Overlashings, Wireless Installations, or Banner Attachments within ninety (90) calendar days of CPS Energy issuing such written notice.

b) Removal on Expiration/Termination. Subject to the expiration or other termination of an Attaching Entity’s Attachment Contract or any individual Permits, unless renewed; the Attaching Entity shall submit a written plan which describes the commitment, schedule, and process for the removal of its Attachments, Overlashings, Wireless Installations, or Banner Attachments from the affected Poles or Streetlight Poles, as applicable, to CPS Energy for approval. CPS Energy shall review such plan and either approve or request additional details within fifteen (15) calendar days of receipt of the plan. Following approval of the plan by CPS Energy, the Attaching Entity shall make judicious progress toward fulfilling the removal commitments made by the Attaching Entity in the plan. Such removals will be at the Attaching Entity’s sole expense. If the Attaching Entity fails to remove such Attachments, Overlashings, Wireless Installations, Banner Attachments within the timeframe contemplated by the plan, CPS Energy shall have the right to have such Attachments, Overlashings, Wireless Installations, or Banner Attachments removed at the Attaching Entity’s expense without liability to CPS Energy.



- 13. Pre-Certification of Wireless System.** Pursuant to Section V.B.2.d, before submitting an Application for a Wireless Installation Permit, a Wireless Provider must submit a completed Request for Pre-Certification of Wireless System form to CPS Energy in order that the Wireless Equipment configuration proposed for a Wireless Installation be approved for installation on a Pole or Overhead Streetlight Pole as part of the Pre-Certified Equipment process. A copy of this form is located in Appendix B and can be downloaded at www.cpsenergy.com/poleattachments. CPS Energy requires the initial configuration of a specific technology of a Wireless Installations for each Wireless Provider to be pre-certified in order to minimize potential interference with communication equipment essential to CPS Energy’s core electric operations and for public safety. The pre-certification process shall consist of three key activities: (i) testing for Wireless Interference; (ii) mock representation of the proposed Wireless Installation; and (iii) review and approval of the Request for Pre-Certification of Wireless System form.
- a) **Testing for Wireless Interference.** The Wireless Provider shall identify in writing all FCC licensed frequencies, by FCC licensee, that will be used as part of a Wireless Installation and CPS Energy shall disclose all licensed and unlicensed frequencies utilized in its operations. The Wireless Provider will then conduct and submit the reports required by Appendix D, Section B.1.
- b) **Representation of Wireless Installation.** The Wireless Provider shall coordinate with the Pole Attachment Manager a schedule for the mock installation of a proposed Wireless Installation at CPS Energy’s training yard, in compliance with Appendix D, Section B. 13. The Pole Attachment Manager shall schedule a date for the mock-up installation to begin within thirty (30) days of a written request.
- c) **Review of Request for Pre-Certification of Wireless System.** CPS Energy will conduct its timely review of the Request for Pre-Certification of Wireless System form in conjunction with the evaluation of the Wireless Provider’s mock-up display of the Wireless Installation and submitted Wireless Interference reports. CPS Energy shall complete the review of the aforementioned form and report within thirty (30) days of completion of the mock-up installation, and either approve or reject the proposed configuration of the Wireless Installation provided all other pre-certification requirements have been met including compliance with all the requirements of Appendix D. If the Wireless Provider is aware that it has not met all the requirements for pre-certification prior to expiration of the initial thirty (30) day review period, the Wireless Provider may request an additional thirty (30) days to complete the requirements.



- d) **Pre-Certification Requirements for Mid-Span Installations.** Mid-Span Installations will not be subject to the same pre-certification requirements applicable to other Wireless Installations. Rather, an Attaching Entity engaged in the deployment of Mid-Span Installations shall comply with the following pre-certification requirements:
- (i) submit the Pre-Certification Form found in Appendix B;
 - (ii) submit written materials explaining the installation, operational, and safety procedures, features, and considerations associated with the deployment of Mid-Span Installation wireless technologies;
 - (iii) submit a 12-month and 3-year deployment plan and re-fresh the plan as appropriate;
 - (iv) determine the appropriate distance from a pole structure that the micro network nodes component of a Mid-Span Installation should be strand-mounted in order to protect linemen working on such poles from harmful radio frequency energy, and submit calculations;
 - (v) determine the appropriate distance that the micro network node component of a Mid-Span Installation should be installed away from a CPS Energy wireless system that operates in the same unlicensed frequency bands in order to prevent Wireless Interference, and submit results;
 - (vi) identify the location of the shut-off switch for the micro network node component of a Mid-Span Installation, and submit information; and
 - (vii) schedule a briefing with CPS Energy prior to initiating deployment of Mid-Span Installations in order to provide an overview of all these issues.

B. Pole Modifications and /or Replacements

1. **Restrictions on Certain Poles.** CPS Energy may deny an Application for Permit for access to a Pole or Overhead Streetlight Pole (as appropriate for the type of installation) in flood zones, river crossings or other such locations, or if the proposed new Attachment, Wireless Installation, or Banner Attachment cannot be accommodated without creating a potential to disrupt or impair CPS Energy Facilities or endanger the safety of people or facilities. In such instances, CPS Energy, in its sole discretion or solution, may erect a taller/larger pole structure to accommodate an Attaching Entity's Attachment, Wireless Installation, or Banner Attachment if the costs of such replacement pole or solution is approved by and paid by the Attaching Entity in advance.

Further, CPS Energy may require the removal or modification of an existing Attachment, Wireless Installation, or Banner Attachment at the Attaching Entity's expense, if CPS



Energy reasonably determines that such Attachment, Wireless Installation, or Banner Attachment did not meet the clearance requirements set forth in the Standards at the time of installation or modification, or may create a potential to disrupt or impair CPS Energy Facilities or endanger the general safety of people or facilities.

- a) Steel Poles. CPS Energy will consider requests by an Attaching Entity to access existing distribution steel Poles.
 - (i) Steel Poles. Attachments must be firmly secured with clamps and/or stainless steel banding. The drilling of any additional holes into steel Poles or associated equipment is prohibited. The only exception permitted is the use of a self-tapping set screw for grounding of equipment on steel Poles. Regarding Wireless Installations, a Wireless Provider may request access to a steel Pole or Overhead Streetlight Pole provided the components of the Wireless Installation are secured with clamps. All Riser cables necessary to connect the components of the Wireless Installation must be installed outside the steel Pole using a U-Guard, provided the structural integrity of the Pole is maintained.
- b) Distribution Poles with Overhead Street Lights. Subject to these Standards, CPS Energy will provide access to Overhead Streetlight Poles for the purpose of accommodating Wireless Installations, provided that such installations do not interfere with the maintenance and operation of the overhead street lights.
- c) Transmission Structures. CPS Energy's transmission poles, towers, or other structures are outside of the scope of these Standards and the Pole Attachment, Wireless Installation, or Banner Attachment Agreements. No Attachments, Wireless Installations, or Banner Attachments are permitted on CPS Energy transmission poles, towers, or other structures regardless of the presence of distribution under-build facilities.
- d) Poles with Distribution Equipment Installed. Wireless Installations are prohibited on any CPS Energy Pole that has electric distribution equipment installed on them such as, but not limited to: transformers, capacitors, reclosers, sectionalizers, voltage-regulators, voltage-regulator racks, primary metering, etc.
- e) Restrictions Applicable to Mid-Span Installations. The restrictions applicable to Wireless Installations outlined above in Sections III.B.1 c applies to Mid-Span Installations; however, section III.B.1 a, b, and d are only applicable to Mid-Span Installations as described below, provided such installations otherwise comply with all Applicable Engineering Standards.
 - (i) Steel Poles. All Riser cables necessary to connect the components of a Mid-Span Installation back to the Slab-Mounted Equipment Cabinet must be



installed outside the steel Pole using U-Guard, provided the structural integrity of the Pole is maintained.

- (ii) Distribution Poles with Overhead Street Lights. Subject to these Standards, CPS Energy will provide access to Overhead Streetlight Poles for the purpose of accommodating Mid-Span Installations, provided that such installations do not interfere with the maintenance and operation of the overhead street lights.
- (iii) Poles with Distribution Equipment Installed. Mid-Span Installations may be installed next to Poles or Streetlight Poles that host electric distribution equipment, provided that the Riser that protects the coaxial cable supporting the strand-mounted micro network node component of the Mid-Span Installation shall not be installed on such a pole structure if the Riser:
 - a. would interfere with CPS Energy’s ability to operate or maintain its electrical equipment;
 - b. could not be installed in compliance with NESC requirements; or
 - c. the Pole or Streetlight Pole already supports three Risers.

f) Foreign Poles. Many of the pole structures to which CPS Energy’s electrical lines are attached are not owned by CPS Energy and are outside the scope of these Standards. Therefore, CPS Energy cannot give permission to attach to such pole structures. The Attaching Entity is solely responsible for obtaining permission from the respective pole owner to install any Attachments, Wireless Installations, or Banner Attachments on such non-CPS Energy owned pole structures outside the scope of these Standards.

- 2. **CPS Energy Not Required to Relocate.** Except as provided by the Make-Ready Electrical Construction process outlined in Section IV.B.4, Section IV.D.4, Section V.B.4, and Section VI.B.4, no provision of these Standards requires CPS Energy to relocate, modify, or replace any Pole, Streetlight Pole, or other CPS Energy Facility for the benefit of any Attaching Entity, provided; however, that any denial by CPS Energy for modification of a pole structure or facility is applied in a nondiscriminatory manner to all Attaching Entities.
- 3. **Guying.** All guying, including the installation of independent anchors for each Attachment requiring guying to accommodate an Attaching Entity’s Attachments, Wireless Installations, or Banner Attachments shall be provided by and at the expense of the Attaching Entity to the satisfaction of CPS Energy as specified in the Applicable Engineering Standards and in Appendix D.



4. **Relocation of Aerial Facilities.** The following sections apply to various relocation or undergrounding scenarios of CPS Energy’s aerial facilities.

Should the Attaching Entity not desire to participate in the applicable joint relocation activity as described in this Section III.B.4, the Attaching Entity shall be required to remove its facilities from the impacted CPS Energy Poles or Streetlight Poles and submit an Application for Permit pursuant to the procedures detailed in either Section III.B.4.a, III.B.4.b, or Section III.B.4.c, as appropriate. All affected Attaching Entities shall also be subject to the provisions regarding removal of facilities as described in Section III.B.5.

a) **Civic Projects Requiring Relocation.** CPS Energy may be required by ordinance or directive of a Civic Authority to relocate or underground its existing Poles and Streetlight Poles and aerial facilities in order to accommodate a Civic Project.

(i) **Pole Replacements.** For any Civic Project requiring the relocation of existing CPS Energy Poles or Streetlight Poles and facilities to new replacement Poles or Streetlight Poles that CPS Energy undertakes for any of the reasons set forth in this Section III.B.4.a, CPS Energy will provide the affected Attaching Entities written notice of the proposed Civic Project as soon as reasonably practical after CPS Energy itself receives such notice from the applicable Civic Authority. Unless a shorter time frame is required by the applicable Civic Authority, CPS Energy will endeavor to provide not less than sixty (60) calendar days prior written notice of the expected transfer date of CPS Energy’s existing facilities to new replacement Poles and/or Streetlight Poles and the dates upon which CPS Energy will be removing the existing Poles and/or Streetlight Poles.

1. The notice from CPS Energy to the affected Attaching Entities shall include the name and contact information for the Civic Project’s manager and the Civic Project’s construction design contractor, as well as any available information in CPS Energy’s possession related to scheduling and coordination of the Project, including any information on cost reimbursement from the Civic Authority to the affected Attaching Entities. The notice shall be in substantially the same form to the sample notification(s) contained in Appendix B of these Standards.



2. All affected Attaching Entities shall have thirty (30) days from receipt of the above relocation notice from CPS Energy to notify CPS Energy in writing that they intend to transfer their existing Attachments, Wireless Installations, or Banner Attachments to the CPS Energy replacement Poles and/or Streetlight Poles. CPS Energy will not require an Attaching Entity that elects to transfer its existing facilities without Modification to replacement Poles or Streetlight Poles to submit a new permit Application as part of such transfer.
 3. An affected Attaching Entity that elects to transfer its Existing Attachments, Wireless Installations, or Banner Attachments to the CPS Energy replacement Poles and/or Streetlight Poles, shall complete such transfer at no cost to CPS Energy and in accordance with all Applicable Engineering Standards.
 4. If the Attaching Entity elects to make a Modification to its existing facilities as part of the transfer process, the Attaching Entity shall submit a new Application and shall also pay the proportionate share of the increased costs, if any, of the replacement Pole or Streetlight Pole attributable to such Modification.
 5. Affected Attaching Entities seeking to transfer their existing facilities to CPS Energy replacement Poles or Streetlight Poles in response to a Civic Project shall be solely responsible for coordinating with the Civic Project's manager in order to determine whether any of Attaching Entity's transfer costs are reimbursable from the Civic Authority, and for entering into any necessary agreements with the Civic Authority concerning such cost reimbursements.
 6. CPS Energy will perform a Post-Construction Inspection of any transfers to CPS Energy replacement Poles or Streetlight Poles as described in Section II.A.95.
- (ii) **Civic Project Initiated Undergrounding.** For any Civic Project requiring the removal of existing CPS Energy Poles or Streetlight Poles where undergrounding is directed by a Civic Authority, CPS Energy will provide all affected Attaching Entities written notice of the proposed Civic Project as soon as reasonably practical after CPS Energy itself receives such notice from



the applicable Civic Authority. Unless a shorter time frame is required by the applicable Civic Authority, CPS Energy will endeavor to provide not less than four (4) months prior written notice of the expected removal of the Poles or Streetlight Poles and undergrounding of the existing CPS Energy aerial facilities.

1. The notice from CPS Energy to the affected Attaching Entities shall include the name and contact information for the Civic Project's manager and the Civic Project's construction design contractor, as well as any available information in CPS Energy's possession related to scheduling of the Civic Project. The notice will also direct any affected Attaching Entity to provide written notice to CPS Energy if the Attaching Entity intends to participate in a Joint Trench with CPS Energy at thirty (30) days after receiving notice from CPS Energy, but in no event less than thirty (30) days from the beginning of construction if four (4) months prior notice is not provided. The notice shall be in substantially the same form to the sample notification(s) contained in Appendix B of these Standards.
2. Upon receipt of notice of the Civic Project from CPS Energy, affected Attaching Entities shall be solely responsible for conveying to the Civic Project's manager whether they desire to remove and underground their existing facilities, and pursue any cost reimbursement from the Civic Authority.
3. Affected Attaching Entities seeking to underground their existing facilities shall be solely responsible for coordinating with the Civic Project's manager and the Civic Project's construction design contractor concerning the design, specifications, costs, and construction schedule of the underground facilities, including the design of the Attaching Entities' conduits and duct bank systems, as well as for entering into any necessary agreements with the Civic Authority and/or the Civic Project's construction design contractor for any available reimbursement.
4. To the extent consistent with the Civic Project's design and specifications and all Applicable Engineering Standards, CPS Energy



will allow affected Attaching Entities to relocate their aerial facilities into a Joint Trench along with CPS Energy, provided that such Attaching Entities provide CPS Energy with prior written notice of their intent to participate in a Joint Trench within the time frame specified in CPS Energy’s notice of the project. All such Joint Trenching shall be at no additional cost to CPS Energy and is contingent upon the Attaching Entity entering into a Joint Trench Agreement with CPS Energy. All parties executing such Joint Trench Agreement will have an opportunity to install their ducts and conduits, and associated facilities, during the timeframe allowed for the relevant trenching to occur. under the Civic Project and CPS Energy schedule.

5. In no event will CPS Energy be obligated to pay for any Attaching Entity’s costs, nor shall CPS Energy act as a collection agent on behalf of any party, including the Civic Authority. Such costs shall be payable by or to the Civic Authority or construction design contractor associated with such removal and undergrounding of facilities.
6. Any Attaching Entity seeking to relocate its existing Attachments to underground conduit as part of a Joint Trench Agreement with CPS Energy shall be solely responsible for securing, and providing to CPS Energy at its request, all requisite public and private authorizations, permits, and easements to occupy and operate its facilities within the Joint Trench.
7. Participation in a Joint Trench with CPS Energy is pursuant to a Joint Trench Agreement shall not convey, or be deemed to convey, any right or authorization to occupy or use any CPS Energy ducts or conduits within a Joint Trench.

b) **CPS Energy Initiated Relocation.** This Section III.B.4.b applies to any Pole or Streetlight Pole replacement, or underground relocation of CPS Energy’s existing aerial facilities that CPS Energy undertakes to enhance and ensure the safety, security or reliability of its electric services that is not either required as part of a Civic Project, or a Private Development Project.

- (i) **CPS Energy Initiated Pole Replacements.** If CPS Energy is required to relocate its existing Poles or Streetlight Poles in order to enhance or ensure the safety, security, or reliability of its electric system, and not for a Civic Project under Section III.B.4.a, or for a Private Development Project under Section



III.B.4.c, CPS Energy will provide the affected Attaching Entities not less than sixty (60) days written notice of the transfer date of CPS Energy's existing facilities to new replacement Poles or Streetlight Poles and the dates upon which CPS Energy will be removing the existing Poles or Streetlight Poles.

1. All affected Attaching Entities shall have thirty (30) calendar days from receipt of the above relocation notice to notify CPS Energy in writing that they intend to transfer their existing Attachments, Wireless Installations, or Banner Attachments to the CPS Energy replacement Poles or Streetlight Poles. CPS Energy will not require an Attaching Entity that elects to transfer its existing facilities without Modification to replacement Poles or Streetlight Poles to submit a new Application as part of such transfer. An affected Attaching Entity that elects to transfer its Existing Attachments, Wireless Installations, or Banner Attachments to the CPS Energy replacement Poles or Streetlight Poles, shall complete such transfer at its own cost in accordance with all Applicable Engineering Standards.
 2. All costs for the replacement of a Pole or Streetlight Pole, including any related costs for tree-cutting or trimming required to clear the new location for CPS Energy's cables or wires, shall be allocated to CPS Energy.
 3. If the Attaching Entity elects to make a Modification to its existing facilities as part of the transfer process, the Attaching Entity shall submit a new Application and shall also pay the proportionate share of the costs of the replacement Pole or Streetlight Pole attributable to its Modification.
 4. CPS Energy will perform a Post-Construction Inspection of any transfers to CPS Energy replacement Poles or Streetlight Poles as described in Section II.A.95.
- (ii) **CPS Energy Initiated Undergrounding.** If CPS Energy is required to remove its existing Poles and Streetlight Poles and to underground its existing aerial facilities in order to enhance or ensure the safety, security, and/or reliability of its electric system, and such undergrounding is not required for a Civic Project under Section III.B.4.a or for a Private Development Project under Section III.B.4.c, CPS Energy will provide the affected Attaching Entities four (4) months written notice of the date upon which they must remove their existing facilities from CPS



Energy's Poles and/or Streetlight Poles and the dates upon which CPS Energy will be removing the existing Poles and/or Streetlight Poles (unless CPS Energy offers the affected Attaching Entities to acquire ownership of the existing Poles or Streetlight Poles as specified in Section III.B.5.c. The notice shall be in substantially the same form to the sample notification(s) contained in Appendix B to these Standards.

1. Upon receipt of the written notice of the pending undergrounding of CPS Energy's aerial facilities, affected Attaching Entities shall have thirty (30) days to provide written notice to CPS Energy of their desire to place their existing facilities underground as part of a Joint Trench with CPS Energy. Upon receipt of such notice, CPS Energy will attempt to accommodate the affected Attaching Entities in the design and construction of the Joint Trench, contingent upon the Attaching Entity entering into a Joint Trench Agreement with CPS Energy. Subject to CPS Energy's review and Applicable Engineering Standards, the Attaching Entity shall be responsible for the design, engineering, and installation of its conduit and duct bank system within the Joint Trench, as well as all applicable costs associated with such facilities.
2. All parties executing such Joint Trench Agreement will have an opportunity to install their conduits and related underground facilities, in accordance with the Joint Trench Agreement, during the timeframe that CPS Energy has allowed for the relevant trenching to occur.
3. An Attaching Entity seeking to place its existing above-ground facilities underground as pursuant to a Joint Trench Agreement with CPS Energy shall be solely responsible for securing and providing to CPS Energy at its request, all requisite public and private authorizations, permits, and easements to occupy and operate its facilities within the Joint Trench.
4. Participation in a Joint Trench with CPS Energy pursuant to a Joint Trench Agreement shall not convey, or be deemed to convey, any right or authorization to occupy or use any CPS Energy ducts or conduits within the Joint Trench.



c) **Private Development Projects.** This Section III.B.4.c applies to any Pole or Streetlight Pole relocation or undergrounding of CPS Energy’s existing aerial facilities that CPS Energy undertakes because of a Private Development Project.

(i) **Private Development Project Initiated Pole Replacements.** If CPS Energy is required to relocate existing CPS Energy Poles or Streetlight Poles and facilities to new replacement Poles or Streetlight Poles because of a Private Development Project, CPS Energy will provide the affected Attaching Entities written notice of the proposed Private Development Project as soon as reasonably practical after CPS Energy itself receives such notice from the applicable Private Developer. Unless a shorter time frame is required by the applicable Private Development Project, CPS Energy will endeavor to provide not less than sixty (60) calendar days prior written notice of the expected transfer date of CPS Energy’s existing facilities to new replacement Poles and/or Streetlight Poles and the dates upon which CPS Energy will be removing the existing Poles or Streetlight Poles.

1. The notice from CPS Energy to the affected Attaching Entities shall include the name and contact information for the Private Development Project’s manager and the Private Development Project’s construction design contractor, as well as any available information in CPS Energy’s possession related to scheduling and coordination of the Private Development Project, including any information on cost reimbursement from the Private Developer to the affected Attaching Entities. The notice shall be in substantially the same form to the sample notification(s) contained in Appendix B of these Standards.
2. All affected Attaching Entities shall have thirty (30) days from receipt of the above relocation notice from CPS Energy to notify CPS Energy in writing that they intend to transfer their existing Attachments, Wireless Installations, or Banner Attachments to the CPS Energy replacement Poles or Streetlight Poles. CPS Energy will not require an Attaching Entity that elects to transfer its existing facilities without Modification to replacement Poles or Streetlight Poles to submit a new Application as part of such transfer.
3. An affected Attaching Entity that elects to transfer its Existing Attachments, Wireless Installations, or Banner Attachments to the CPS Energy replacement Poles and/or Streetlight Poles as a result of Private Development Project, shall complete such transfer at no cost



to CPS Energy and in accordance with all Applicable Engineering Standards.

4. If the Attaching Entity elects to make a Modification to its existing facilities as part of the transfer process, the Attaching Entity shall submit a new Application and shall also pay the proportionate share of the costs of the replacement Pole or Streetlight Pole attributable to its Modification.
5. Affected Attaching Entities seeking to transfer their existing facilities to CPS Energy replacement Poles or Streetlight Poles in response to a Private Development Project shall be solely responsible for coordinating with the Private Development Project's manager to determine whether any of Attaching Entity's transfer costs are reimbursable from the Private Developer (or Civic Authority if applicable) and for entering into any necessary agreements with the Private Developer (or applicable Civic Authority) concerning such cost reimbursements.
6. CPS Energy will perform a Post-Construction Inspection of any transfers to CPS Energy replacement Poles and or Streetlight Poles as described in Section II.A.95.

(ii) Private Development Project Initiated Undergrounding. If CPS Energy places its existing aerial facilities underground because of a Private Development Project, CPS Energy shall provide all affected Attaching Entities written notice of the proposed Private Development Project as soon as reasonably practical after CPS Energy itself receives such notice. Unless a shorter time frame is required by the applicable Private Development Project, CPS Energy will endeavor to provide not less than four (4) months prior written notice of the expected removal of the Poles or Streetlight Poles and undergrounding of the existing CPS Energy aerial facilities.

1. The notice from CPS Energy to the affected Attaching Entities shall include the name and contact information for the Private Development Project's manager and the Private Development Project's construction design contractor, as well as any available information in CPS Energy's possession related to scheduling of the Private Development Project, and shall direct the Attaching Entities to provide written notice to CPS Energy if they intend to participate in a Joint Trench



with CPS Energy at least thirty (30) days after receiving notice from CPS Energy, but in no event less than thirty (30) days from the beginning of construction if four (4) months prior notice is not provided. The notice may be in similar form to the sample notification(s) contained in Appendix B-20 to these Standards.

2. Upon receipt of notice of the Private Development Project, from CPS Energy, affected Attaching Entities shall be solely responsible for informing the Private Development Project's manager whether they desire to underground their existing facilities, and pursue any cost reimbursement from the Private Developer.
3. Affected Attaching Entities seeking to underground their existing facilities shall be solely responsible for coordinating with the Private Development Project's manager and the Private Development Project's construction design contractor concerning the design, specifications, costs, and construction schedule of the underground facilities, including the design of the Attaching Entities' conduits and duct bank systems, as well as for entering into any necessary agreements with the Private Developer and/or the Private Development Project's construction design contractor for any available cost reimbursement.
4. To the extent consistent with the Private Development Project's design and specifications and all Applicable Engineering Standards, CPS Energy will allow affected Attaching Entities to relocate their existing aerial facilities into a Joint Trench along with CPS Energy, provided that such Attaching Entities provide CPS Energy with prior written notice of their intent to participate in a Joint Trench within the time frame specified in CPS Energy's notice of the Private Development Project. An Attaching Entity's participation in a Joint Trench with CPS Energy shall be at no additional cost to CPS Energy and is contingent upon the Attaching Entity entering into a Joint Trench Agreement with CPS Energy. All parties executing such a Joint Trench Agreement will have an opportunity to install their conduits and associated facilities, during the timeframe allowed for the relevant trenching to occur under the Private Development Project and CPS



Energy schedule.

5. In no event will CPS Energy be obligated for any of the Attaching Entity's costs associated with such removal and undergrounding of facilities, nor shall CPS Energy act as a collection agent for such costs on behalf of any party.
6. Any Party seeking to place its existing above-ground facilities underground as part of a Joint Trench Agreement with CPS Energy shall be solely responsible for securing and providing copies to CPS at its request of all requisite public and private authorizations, permits, and easements to occupy and operate its facilities within the Joint Trench.
7. The ability to enter into a Joint Trench with CPS Energy pursuant to a Joint Trench Agreement shall not convey any right or authorization to occupy or use any CPS Energy ducts or conduits within a Joint Trench.

5. Abandonment or Removal of CPS Energy Facilities.

- a) Notwithstanding the provisions of Section III.B.4, if CPS Energy decides at any time to abandon, remove or underground any Pole or Streetlight Poles on which one or more Attaching Entities have Attachments, Wireless Installations, or Banner Attachments; CPS Energy shall give the affected Attaching Entities notice in writing to that effect as soon as practical, but at least sixty (60) calendar days prior to the date on which CPS Energy intends to abandon or remove such Pole or Streetlight Poles. Notice may be limited to a lesser period of time if CPS Energy is required to remove or abandon its Facilities as the result of the action of a governmental authority or third-party and the greater notice period is not practical. Such notice shall indicate whether CPS Energy is offering the Pole or Streetlight Poles for sale. The notice shall be in substantially the same form to the sample notification(s) contained in Appendix B of these Standards.
- b) If, following the expiration of the applicable notice period, the affected Attaching Entities have not yet removed and/or transferred all their Attachments, Overlashings, Wireless Installations, or Banner Attachments therefrom and no single Attaching Entity entered into an agreement to purchase the abandoned Pole or Streetlight Poles pursuant to Section III.B.5.c below; CPS Energy shall have the right upon ten (10) days written notice (unless a shorter time period is dictated by circumstances) to



remove the Attaching Entity's facilities at the Attaching Entity's expense at one hundred and twenty-five percent (125%) of the actual documented costs. CPS Energy shall bear no responsibility or have any liability of any kind to any Attaching Entity in any manner for the removal of Attachments, Wireless Installations, or Banner Attachments from the applicable Poles or Streetlight Poles subject to removal.

- c) Should CPS Energy decide to abandon a Pole or Streetlight Pole; CPS Energy, in its sole and non-discriminatory discretion, may grant an interested Attaching Entity the option of purchasing such Pole or Streetlight Pole at a rate negotiated with CPS Energy. The interested Attaching Entity must notify CPS Energy in writing within twenty-one (21) calendar days of the date of CPS Energy's notice of abandonment that the Attaching Entity desires to purchase the abandoned Pole or Streetlight Pole. Thereafter, within forty-five (45) calendar days, the Attaching Entity must also secure and deliver proof of all necessary governmental approvals and easements allowing the Attaching Entity to independently own and access the pole within the forty-five (45) calendar day period. Should the Attaching Entity fail to secure the necessary governmental approvals, or should CPS Energy and the Attaching Entity fail to enter into an agreement prior to the end of the forty-five (45) calendar day period, the Attaching Entity must remove its Attachments, Wireless Installations, or Banner Attachments. CPS Energy is under no obligation to sell any Attaching Entity any Pole or Streetlight Pole that it intends to remove or abandon.

C. Overlashing

1. **Application Required.** Refer to Section IV.B for details on the Application process for new Attachments and Overlashings and Section IV.F for the Application process for Overlashing existing Attachments. Regardless of Overlashing size or methodology, Attaching Entities are required to maintain their Overlashing in compliance with the Applicable Engineering Standards in effect at the time of the Overlash installation except where a change is required by applicable law.
2. **Overlashing Third-Party Facilities.** An Attaching Entity is prohibited from Overlashing Communications Facilities of a third-party, including an Affiliate of the Attaching Entity, unless both the Attaching Entity and third-party have registered and executed a Pole Attachment Agreement with CPS Energy pursuant to Section II.B and Section II.C respectively. CPS Energy shall not grant a Permit authorizing the Overlashing of a third-party's Communications Facilities unless the Attaching Entity that owns the Attachments subject to Overlash has provided CPS Energy its consent in writing to such Overlashing.



3. **Annual Attachment Connection Fee.** An Attaching Entity or an Overlapping third-party shall not be required to pay a separate annual Attachment Connection Fee for such Overlashed Communications Facilities provided that the annual Attachment Connection Fee is already being billed for the original Attachment that was Overlashed.

D. Inspection and Inventory of Attaching Entity’s Facilities

1. **Inspections.** CPS Energy, at its discretion and in addition to any inspections undertaken during Make-Ready Work and Post-Construction Inspections, may engage in two other specific types of inspections or Inventory of Attachments, Wireless Installations, and Banner Attachments. These include: 1) routine visual inspections of Attachments, Wireless Installations, and Banner Attachments that CPS Energy employees may conduct at any time (Section III.D.2); and 2) a formal Inventory that CPS Energy may conduct no more frequently than once every five (5) years¹⁰, in which CPS Energy shall undertake with its own personnel or with outside contractors, subject to a formal competitive bidding basis, the cost of which shall be borne by all Attaching Entities on a pro-rata basis (Section III.D.3). Regardless of inspection or Inventory method:
 - a) CPS Energy expects an Attaching Entity to install, maintain, and inspect its Attachments, Overlashing, Wireless Installations, or Banner Attachments to ensure these facilities are in good order and safe to the general public at all times. If any inspection reveals that any Attaching Entity’s Attachments, Overlashing, Wireless Installations, or Banner Attachments are not in compliance with the Applicable Engineering Standards in effect at the time the Application was approved, CPS Energy shall provide written notice and the Attaching Entity shall make any and all corrections to bring the Attachment, Overlash, Wireless Installation, or Banner Attachment into compliance with the Applicable Engineering Standards. If the severity of the non-compliance warrants, CPS Energy will assess, and the Attaching Entity will be required to pay a Safety Violation Assessment as described in Appendix H.
 - b) If it is found that an Attaching Entity has made an Attachment, Wireless Installation, or Banner Attachment without a Permit, the Attaching Entity shall pay an Unauthorized Attachment Charge, Unauthorized Wireless Installation Charge, or Unauthorized Banner Attachment Charge as specified in Appendix H, in addition to applicable Attachment Connection Fees, Application Fees, and Make-Ready Charges, if any.

¹⁰ CPS Energy to complete such an Inventory in 2018.



- c) Notwithstanding any other provisions contained in these Standards, including this Section III.D, no revisions to the Applicable Engineering Standards shall be retroactive to existing permitted Attachments, Overlashings, Wireless Installations, or Banner Attachments unless required by city, county, state, or federal law.
 - d) Subject to Section III.D.1.c), all Attachments, Overlashings, Wireless Installations, and Banner Attachments must comply with the Applicable Engineering Standards in effect at the time of installation or modification of the Attachment, Overlash, Wireless Installation, or Banner Attachment.
2. **Routine Visual Inspections and/or Inventory.** Any qualified CPS Energy employee may conduct a routine inspection and/or inventory of an Attaching Entity's Attachments, Overlashings, Wireless Installations, or Banner Attachments. In practice, these routine inspections and/or inventory may be undertaken and completed as part of the daily work assignment of a CPS Energy employee. The cost of this work is included in the determination of the annual Attachment Rate or Wireless Rate, as described in Appendix H. In the course of a routine visual inspection, a CPS Energy employee or contractor may require an Attaching Entity or its contractors installing an Attachment, Overlash, Wireless Installation, or Banner Attachment to supply evidence of a valid Permit or permission from CPS Energy to access a CPS Energy Pole or Streetlight Pole, as applicable. CPS Energy reserves the right to demand the Attaching Entity or its contractor to immediately suspend work on the Attachment, Overlash, Wireless Installation, or Banner Attachment should the Attaching Entity or contractor be unable to furnish the valid Permit or other notice of permission for CPS Energy's inspection. If CPS Energy directs the work be suspended, the Attaching Entity or its contractor shall suspend the work in a safe and orderly manner ensuring the suspension of the work will not cause a danger to CPS Energy employees, contractors, or the general public.
3. **Formal Inventory Performed by CPS Energy or Third-Party Contractor Subject to Competitive Bid.** CPS Energy may contract with a third-party contractor to conduct a formal Inventory of either all or designated Poles and Streetlight Poles within the CPS Energy service area. The cost of this formal Inventory shall not be included in the calculation of the Attachment Rate, Wireless Rate, or Banner Rate as described in Appendix H. All Attaching Entities shall cooperate and participate in the Inventory. Each Attaching Entity will share the total cost of the Inventory on a pro-rata basis with all other Attaching Entities based on the number of found Attachments, Wireless Installations, and Banner Attachments belonging to each Attaching Entity. For the limited purpose of determining the pro-rata shared costs, CPS Energy Facilities will count as one (1) Attachment on each Pole. In undertaking this formal Inventory:



- a) CPS Energy shall have sole responsibility for the management, review, and approval of the Inventory of its Poles and Streetlight Poles.
- b) CPS Energy shall routinely conduct meetings, communicate in writing, via electronic mail, with all Attaching Entities to discuss the progress and on-going results of the Inventory. CPS Energy will seek to find consensus with the Attaching Entities as to the most effective schedule and methodology of these meetings and communications. Each Attaching Entity shall be expected to cooperate fully with CPS Energy and/or the third-party contractor conducting the Inventory by assigning a single point of contact to attend project meetings and receive the written communications and to answer any questions either CPS Energy or the third-party contractor may have concerning the Attaching Entity's Attachments, Wireless Installations, or Banner Attachments. Attaching Entities shall be given access to the Inventory results and other supporting documentation, including maps, spreadsheets, and other related items. CPS Energy shall post on its webpage information regarding the status of the Inventory.
- c) At the conclusion of the Inventory, CPS Energy shall provide a written report to each Attaching Entity containing a draft of the final Inventory Attachment, Wireless Installation, or Banner Attachment count for the Attaching Entity and other documentation necessary to substantiate the third-party contractor's Inventory findings. Notwithstanding the challenge provisions of Section III.D.3.d below, if the Attaching Entity does not provide a written challenge to the draft Inventory count or results within thirty (30) calendar days of the issuance of CPS Energy's draft Inventory count, the Inventory count will be deemed correct.
- d) Should an Attaching Entity wish to challenge the results of the draft Inventory report, the Attaching Entity shall, within thirty (30) calendar day of CPS Energy issuing the draft Inventory report, discussed in Section III.D.3.c above, provide CPS Energy written notice that the Attaching Entity has cause to challenge the results. In this notice, the Attaching Entity shall provide to CPS Energy all relevant documentation to substantiate its challenge for review and consideration by CPS Energy. All costs related to this challenge, including both CPS Energy's and third-party contractor's labor and other expenses required to respond to and resolve the challenge shall be borne by the Attaching Entity challenging the Inventory results. Should multiple Attaching Entities provide notice of their intent to challenge the results, CPS Energy will pro-rate the cost and expenses required to respond to the challenge as described in this Section III.D.3.d to the Attaching Entities participating in the challenge. To the extent the Attaching Entity prevails in identifying errors or omissions in the Inventory, CPS Energy shall be responsible for its own and the third-party contractor



costs. CPS Energy will meet with the Attaching Entity requesting the challenge within ten (10) calendar days of receiving the written notice of challenge to discuss the challenge and attempt to reach agreement and settlement on the Attaching Entity's Attachment, Wireless Installation, or Banner Attachment count. CPS Energy will issue its final decision in writing as to the resolution of the challenge within fifteen (15) days following this settlement meeting.

- e) Following resolution of all challenges, pursuant to Section III.D.3.d, CPS Energy shall issue a final Inventory report and shall true-up each Attaching Entity's count to the number of Attachments, Wireless Installations, or Banner Attachments identified in the final Inventory report including any Unauthorized Attachments, Unauthorized Wireless Installations, or Unauthorized Banner Attachments as described in Section III.E. Unauthorized Attachments, Unauthorized Wireless Installations, or Unauthorized Banner Attachments reported shall incur an Unauthorized Attachment Charge, Unauthorized Wireless Installation Charge or Unauthorized Banner Attachments Charge, as provided in Appendix H. CPS Energy shall invoice the applicable Attaching Entity for the Unauthorized Attachments, Unauthorized Wireless Installations, or Unauthorized Banner Attachments and payment shall be due within forty-five (45) calendar days of CPS Energy's issuance of the invoice. Failure of the Attaching Entity to pay the outstanding invoice timely and in full will result in the suspension of any current pending Applications and the immediate rejection of any future Applications until such payment is received in full.
4. **No Liability.** The making of any inspections or Inventory under this Section III.E, or the failure to do so, shall not operate to impose upon CPS Energy any liability of any kind whatsoever or relieve an Attaching Entity of any responsibility, obligations or liability, whether assumed or otherwise existing.
 5. **Attaching Entity Conducted Inventory.** Nothing in these Standards prevents an Attaching Entity from performing its own Inventory of its own Attachments, Wireless Installations, or Banner Attachments which CPS Energy shall consider in the determination of that Attaching Entities total Attachment, Wireless Installation, or Banner Attachment count. Before CPS Energy will consider such inventory, the Attaching Entity shall be required to meet with CPS Energy and describe the methodology and approach used to conduct the inventory. The cost of such inventory shall be the sole risk and responsibility of the Attaching Entity undertaking the inventory.



E. Unauthorized Occupancy or Access

1. **Unauthorized Attachments.** If, after the establishment of the Inventory baseline set forth in Section III.D.3 any Attachments, Wireless Installations, or Banner Attachments belonging to an Attaching Entity that (1) are found to occupy a Pole or Streetlight Pole, as applicable, for which CPS Energy had not previously issued a Permit to the Attaching Entity, or (2) are being utilized to provide services that are not Communications Services, Wireless Services, or Banner Advertisement services; CPS Energy, without prejudice to its other rights or remedies, will send the Attaching Entity a written Notice of the Unauthorized Attachment, Unauthorized Wireless Installation, or Unauthorized Banner Attachment, a copy of which is provided in Appendix B. Such notice shall include the specific location of the Pole or Streetlight Pole where the violation is found and the nature of the Unauthorized Attachment, Unauthorized Wireless Installation, or Unauthorized Banner Attachment. Within forty-five (45) calendar days upon receipt of the notice of violation, the Attaching Entity must submit for the Unauthorized Attachment, Unauthorized Wireless Installation, or Unauthorized Banner Attachment (1) an Application for a Permit, (2) the correct Application Fee if applicable, and (3) the Unauthorized Attachment Charge, Unauthorized Wireless Installations Charge, or Unauthorized Banner Attachment Charge to CPS Energy. Should the Attaching Entity fail to comply within the forty-five (45) calendar days, the Attaching Entity must remove its Unauthorized Attachment, Unauthorized Wireless Installation, or Unauthorized Banner Attachment within the subsequent forty-five (45) calendar day period. If the Attaching Entity fails to remove the unauthorized facilities, CPS Energy may remove them without liability and the Attaching Entity shall promptly reimburse CPS Energy for the expense plus ten percent (10%) of such removal in all cases, no later than forty-five (45) calendar days following CPS Energy's issuance of invoice.
2. **Unauthorized Attachment, Unauthorized Wireless Installation Charge, and Unauthorized Banner Attachment Charge.** Pursuant to Section III.E.1 above, CPS Energy, without prejudice to its other rights or remedies, may assess an Unauthorized Attachment Charge, Unauthorized Wireless Installation Charge, and Unauthorized Banner Attachment Charge as specified in Appendix H, for each Attachment, Wireless Installation, or Banner Attachment for which:
 - a) No Permit has been issued by CPS Energy;
 - b) Where an Attachment, Wireless Installation, or Banner Attachment received a Permit and it was later found the information provided by the Attaching Entity on the Application was substantially incorrect; or



- c) Where an Attachment, Wireless Installation, or Banner Attachment has been significantly modified since the issuance of its initial Permit and such modification has not been approved by CPS Energy.

The Unauthorized Attachment Charge, Unauthorized Wireless Installation Charge, and Unauthorized Banner Attachment Charge shall be due and payable irrespective of whether a Permit is subsequently issued to the Attaching Entity for the Unauthorized Attachment, Unauthorized Wireless Installation, or Unauthorized Banner Attachment.

- iv) **No Ratification of Unauthorized Use.** No act or failure to act by CPS Energy with regard to an Attaching Entity's Unauthorized Attachments, Unauthorized Wireless Installations, or Unauthorized Banner Attachments shall be deemed as ratification of the unauthorized (unlicensed) use. If any Permit should be subsequently issued for an unauthorized facility, such Permit shall not operate retroactively or constitute a waiver by CPS Energy of any of its rights or privileges and the non-compliant Attaching Entity shall remain subject to all liabilities, obligations, and responsibilities under the applicable Pole Attachment Agreement, Wireless Installation Agreement, Banner Attachment Agreement and these Standards in regards to said unauthorized (unlicensed) use from its inception.

- v) **Excessive Unauthorized Attachments.**

- (1) If an Attaching Entity is determined by CPS Energy pursuant to an Inventory described in Section III.D or by other means to have Unauthorized Attachments accounting for the greater of (1) more than two percent (2%) of its total Attachments, or (2) thirty (30) or more Unauthorized Attachments; the Attaching Entity shall be in breach of its Pole Attachment Agreement and CPS Energy will have the right to terminate such Agreement subject to the cure provisions in the Pole Attachment Agreement. Failure to timely cure such breach of contract could result in the removal of all of the Attaching Entity's Communication Facilities, or CPS Energy, in its sole discretion, may exercise such other remedies as the Pole Attachment Agreement provides.

- (2) If an Attaching Entity is determined by CPS Energy pursuant to an Inventory described in Section III.D or by other means to have any Unauthorized Wireless Installations or Unauthorized Banner Attachments; the Attaching Entity shall be in breach of its Wireless Installation Agreement, or Banner Attachment Agreement and CPS Energy will have the right to terminate such Agreement subject to the cure provisions in the Wireless Installation Agreement or Banner Attachment Agreement. Failure to timely cure such breach of contract could result in the removal of all of the



Attaching Entity's Wireless Installations or Banner Attachments, or CPS Energy, in its sole discretion, may exercise such other remedies as the Wireless Installation Agreement or Banner Attachment Agreement provides.

- c) For those entities found with Unauthorized Attachments, Unauthorized Wireless Installations, or Unauthorized Banner Attachments who do not have a valid Pole Attachment, Wireless Installation Agreement, or Banner Attachment Agreement, or who are otherwise not authorized to attach to CPS Energy Poles or Streetlight Poles, as applicable; CPS Energy reserves all of its rights under applicable law and equity to remedy the trespass.

F. Operational Duties & Responsibilities

1. **Duty to Inspect.** While recognizing its duty to maintain and update its electric distribution system, in order to provide safe and reliable electric service, CPS Energy does not warrant that its Poles are free of defects or non-compliant Attachments, Wireless Installations, or Banner Attachments. Nor does CPS Energy warrant that its Streetlight Poles are free of any defects or non-compliant Banner Attachments or Wireless Installations. By submitting an Application, an Attaching Entity acknowledges that it has an obligation to inspect CPS Energy's Poles or Streetlight Poles, as applicable, and the premises surrounding such pole structures prior to commencing any work utilizing the Poles or Streetlight Poles or entering the premises surrounding such pole structures. **ANY CPS ENERGY FACILITIES WHICH MAY BE IDENTIFIED AS UNSAFE SHALL BE REPORTED TO CPS ENERGY AT (210) 353-HELP (353-4357) AS SOON AS PRACTICAL AFTER THEY ARE IDENTIFIED, FOR FURTHER HANDLING BEFORE THE ATTACHING ENTITY UNDERTAKES ANY WORK AT THAT LOCATION.**
2. **Knowledge of Work Conditions.** In all situations, it is the continuing responsibility of an Attaching Entity to acquaint itself, its employees, agents, contractors, and/or subcontractors with these Standards including all Applicable Engineering Standards relating to the work for which a Permit may be sought by the Attaching Entity. Failure to become familiar with these Standards and with the facilities, difficulties, and/or restrictions attending the execution of such work may result in the denial of a Permit, delay in construction, assessment of penalties, and removal of a non-conforming Attachment, Overlashing, Wireless Installation, or Banner Attachment among other remedies that CPS Energy may impose for violations of these Standards.
 - a) CPS Energy Poles and Streetlight Poles may be treated with chemical wood preservatives.



b) CPS Energy attempts to identify and mark such pole structures that should not be climbed. In all situations, it is the responsibility of any person having a valid reason to climb a pole structure in performance of assigned job duties to be personally satisfied as to the structural integrity of such poles prior to climbing or doing other work on the pole.

3. **Duty of Competent Supervision and Performance.** All Attaching Entities are on notice that in the performance of work under these Standards, an Attaching Entity and its employees, agents, servants, contractors and/or subcontractors **will work near electrically energized lines, transformers, or other CPS Energy Facilities,** and it is the intention that energy therein will not be interrupted at any time, except in an Emergency endangering life, personal injury, or property. All Attaching Entities shall ensure that their employees, agents, servants, contractors and/or subcontractors have the necessary qualifications, skill, knowledge, training, and experience to protect themselves, their fellow employees, employees of CPS Energy, and the general public from harm or injury while performing work permitted pursuant to these Standards. In addition, all Attaching Entities shall furnish their employees, agents, servants, contractors and/or subcontractors competent supervision; as well as ensure these employees, agents, servants, contractors and/or subcontractors have sufficient and adequate tools, equipment, and training for the required work to be performed in a safe manner.

In the event of an Emergency or otherwise in which it may be necessary for CPS Energy to de-energize any part of CPS Energy Facilities, the Attaching Entity shall ensure that work is suspended until such CPS Energy Facilities have been de-energized **and** properly grounded and that no such work is conducted unless and until an authorized CPS Energy employee has communicated that such CPS Energy Facilities have been made safe and are ready for the Attaching Entity to work.

4. **Requests to De-energize.** An Attaching Entity may request that CPS Energy de-energize and render safe any CPS Energy Facility for its benefit and convenience. Such request shall be made in writing and received by CPS Energy at least five (5) calendar days in advance of the date the work is planned. The Attaching Entity shall reimburse CPS Energy in full for all costs and expenses incurred, in accordance with Section II.I, to comply with such request. Before any CPS Energy Facilities are de-energized, with the exception of actions taken pursuant to an Emergency, CPS Energy shall provide upon request an estimate of all costs and expenses to be incurred in accommodating the Attaching Entity's request.



5. **Interruption of Service.** In the event an Attaching Entity causes an interruption of service by damaging or interfering with any CPS Energy Facilities, the Attaching Entity at its expense shall immediately do all things reasonable to avoid further injury or damages, direct and incidental, resulting therefrom and shall notify CPS Energy immediately of these activities.
6. **Duty to Inform. THE WORK CONTEMPLATED UNDER THESE STANDARDS INVOLVES IMMINENT DANGERS INCLUDING SERIOUS BODILY INJURY OR DEATH FROM ELECTROCUTION.** The Attaching Entity acknowledges such dangers and accepts as its duty and sole responsibility to notify, inform, and keep informed its employees, agents, servants, contractors and/or subcontractors of such dangers and shall not be passed or assigned this duty and responsibility to any third-party.
7. **Duty to Protect Data.** An Attaching Entity has an obligation and duty under Section §418.181 Texas Government Code (Confidentiality of Certain Information Relating to Critical Infrastructure) to protect and hold confidential CPS Energy data relating to CPS Energy Facilities and not disclose such data to any third-party without CPS Energy's written consent. CPS Energy will undertake reasonable measures to keep an Attaching Entity's proprietary data confidential and secure.
8. **Duty to Provide a Safety Briefing.** An Attaching Entity that desires to install a Wireless Installation on the CPS Energy system is required to prepare a Safety Briefing suitable for CPS Energy employees and contractors who may be required to work near and/or around such Wireless Installations. The content of the Safety Briefing is to be pre-approved by CPS Energy before distribution and conveyance to CPS Energy employee and contractors.
9. **Maintenance on CPS Energy Pole Structures.** CPS Energy shall de-energize Wireless Equipment mounted on a Pole or Overhead Streetlight Pole any time its personnel or contractors are doing maintenance work on such pole structures. CPS Energy shall provide at least twenty-four (24) hours advanced notice of planned maintenance work to the Wireless Provider's Network Operations Center by voice message or email. Advanced notice of de-energize of equipment shall not apply in Emergency situations.



SECTION IV. SPECIFICATIONS FOR WIRE ATTACHMENTS



IV. SPECIFICATIONS FOR WIRE ATTACHMENTS

A. Pole Attachment Application Process

CPS Energy offers Attaching Entities five (5) Application processes for non-discriminatory access to Poles for wire Attachments or Overlashings as shown in the Figure A and listed below. Application forms and additional information regarding the CPS Energy Pole Attachment Program can be downloaded at www.cpsenergy.com/poleattachments.

Competitive Provider - Standard Process.

Described in detail in Section IV.B

Private Network Process.

Described in detail in Section IV.C

Competitive Provider – Area Wide Network Deployment Process.

Described in detail in Section IV.D

Competitive Provider – Network Upgrade Process.

Described in detail in Section IV.E

Competitive Provider – Standard Process for Overlapping Existing Attachments.

Described in detail in Section IV.F.

Attaching Entities who are contemplating or engaged in either a new Area Wide Network Deployment or undertaking a Network Upgrade are required to contact CPS Energy to discuss coordination of the Development Plan under the Application process to be used for the project.



Process Step	Competitive Provider	Competitive Provider Area Wide Network Deployment	Competitive Provider Network Upgrade	Private Network	Competitive Provider Standard Process for Overlapping Existing Attachments
Process Criteria	Default Process for Attaching Entities Providing Communication Services	Process Required for Attaching Entities Deploying a New Area Wide Network	Process Required for Attaching Entities Deploying a Network Upgrade	Attaching Entities Not Engaged in Providing Competitive Communication Services	Default Process for Attaching Entities Overlapping Existing Attachments
Make-Ready Electrical Engineering (MREE)	Attaching Entity	Attaching Entity	Attaching Entity	CPS Energy	Attaching Entity
Application Review Period	21 Days	21 Days	21 Days	45 Days	5 to 21 Days
Make-Ready Electrical Construction (MREC)	CPS Energy	Attaching Entity	Attaching Entity or CPS Energy	CPS Energy	CPS Energy
Make-Ready Communication Construction (MRCC): 1-Touch Transfer-Simple	Attaching Entity	Attaching Entity	Attaching Entity	Attaching Entity	Attaching Entity
MRCC: Complex-Transfer	Attaching Entity	Attaching Entity	Attaching Entity	Attaching Entity	Attaching Entity
Post-Construction Inspections	CPS Energy	CPS Energy	CPS Energy	CPS Energy	CPS Energy
Control over Contractors	Attaching Entity & CPS Energy	Attaching Entity	Attaching Entity and/or CPS Energy	Attaching Entity & CPS Energy	Attaching Entity & CPS Energy

Figure A: Key Phases and Responsible Parties of the CPS Energy Pole Attachment Processes

B. Competitive Provider - Standard Process

A high-level workflow of the Competitive Provider - Standard Process (Standard Process) for wire Attachments to CPS Energy Poles is illustrated in the Figure B below.

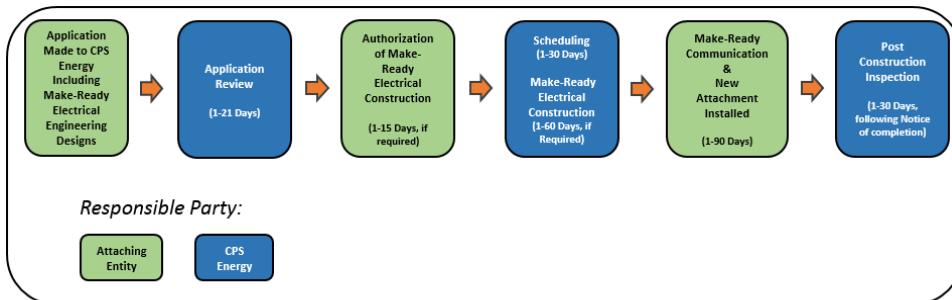


Figure B: Competitive Provider – Standard Process for Wire Attachments

1. **Eligibility.** Default process for any Attaching Entity with a valid Pole Attachment Agreement that is a Competitive Provider.
2. **Application for Permit Required.** An Attaching Entity shall not install any new Attachment or new Overlashing, except as provided in Section IV.F, on any CPS Energy Pole without first submitting an Application and obtaining a Permit pursuant to the requirement and procedures set forth below and elsewhere in these Standards.
 - a) **Application Form.** All Attaching Entities shall use the Application for Pole Attachment Form, a copy of which is provided in Appendix B and available for download at www.cpsenergy.com/poleattachments, which may be amended from time to time, provided that any such amendments are consistent with Applicable Engineering Standards and are applied to all similar types of Attachments on a non-discriminatory basis.
 - (i) A single Application may include up to a maximum of one-hundred twenty (120) Poles for new Attachments.
 - (ii) CPS Energy’s acceptance of the submitted design documents required as part of a complete Application Form (Section IV.B.2.e) does not relieve the Attaching Entity of full responsibility for any errors and/or omissions in the engineering analysis and compliance with all Applicable Engineering Standards.
 - b) **Service Drops.**



(i) Attachment of Service Drops to Poles Without Permitted Attachments- Where Make-Ready Work is Required. If an Attaching Entity does not have a permitted Attachment on the Pole on which it proposes to install a Service Drop, and the installation will require Make Ready Work for completion, the Attaching Entity shall follow the Standard Process for Wireline Attachments by submitting an Application and following the relevant procedures applicable thereto.

(ii) Attachment of Service Drops to Poles Without Permitted Attachments Where No Make-Ready Work is Required. An Attaching Entity may install a Service Drop on a Pole within the Communications Space for which the Attaching Entity does not have an authorized Attachment provided that (A) the installation of the Service Drop does not require Make-Ready Work; and (B) the Attaching Entity submits a corresponding Application for Permit meeting these Standards for approval within thirty (30) days of the end of the calendar month in which such Service Drop was installed. Upon receipt of a properly submitted and complete Permit, CPS Energy shall review and authorize a Permit for such Service Drop that meets these Standards. If upon review the Service Drop is not found to be in accordance with the Standards the Attaching Entity shall undertake all necessary corrections to bring the installation into conformity at its own cost. In the event that the CPS Energy review determines that Make-Ready Work should have been performed to accommodate the Service Drop the Attaching Entity shall pay the costs of such Make-Ready Work.

e) (iii) Attachment of Service Drops Using Previously-Permitted Attachment Space. The submission of an Application is not required to install a Service Drop on a Pole on which the Attaching Entity already has an authorized Attachment, provided that: (A) the Service Drop is installed within the space authorized for an existing Attachment; and (B) the Attaching Entity submits information on the installation of such Service Drop on the next quarterly Service Drop Report. ~~provides notice of such Service Drop pursuant to Section H.F.1 and the Service Drop is installed within the previously authorized space. Service Drops on Poles for which the Attaching Entity does not have an authorized Attachment may be authorized by CPS Energy, on a monthly basis, provided the Attaching Entity submits a corresponding Application for Permit within thirty (30) calendar days of the Service Drop installation.~~

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(iv) Connecting Ground-Based Facilities to Pole. All Service Drop installations where the Attaching Entity is seeking to connect ground-based facilities to a Pole shall use a riser/U-guard and be made in conformance with all CPS Energy ground-to-pole engineering standards including the Riser Installation requirements in Appendix G.

(c) Pole Ownership. For the purposes of Application submittal, unless CPS Energy records and/or Poles indicate otherwise, CPS Energy shall be presumed to be the owner all Poles subject to Attachment. The Attaching Entity is responsible for field verifying Pole ownership and notifying CPS Energy of any discrepancies between CPS Energy’s maps/records and the actual Poles in the field.

(d) Compliance with Standards. Attaching Entity shall comply with the Texas Engineering Act at Section 1001.001, et seq., of the Texas Occupations Code to the extent it is applicable to the work described herein, and with the most current version of the National Electrical Safety Code (NESC), including any and all revisions to both, and all other Applicable Engineering Standards. The Attaching Entity shall certify its compliance with the above on each Application it submits to CPS Energy for processing. The certification statement shall be signed by an employee or agent of the Attaching Entity who has the final authority or responsibility to approve the Application. CPS Energy will not process an Application that fails to provide the signed certification statement included therein. The Attaching Entity shall provide documentation, sealed by an Engineer, establishing that the Attaching Entity’s applicable Make Ready Electrical Construction design and Pole Loading Analysis (PLA) documents comply with all requirements specified by the NESC and the Applicable Engineering Standards.

(i) *Pole Loading Analysis (PLA).* An Attaching Entity, in connection with an Application, must comply with the PLA methodology described herein and in Appendix G. Acceptable software for use of PLA shall be a commercially available product with general industry acceptance. Should the Attaching Entity utilize a commercially available software application that CPS Energy does not possess; the Attaching Entity shall make available to CPS Energy at least one software license for CPS Energy use at the Attaching Entity’s expense, subject to CPS Energy’s Information Technology requirements. The Attaching Entity will gather the pole and Attachment physical and technical information required to conduct a PLA on Poles that meet the criteria for PLA as described in Appendix G, with assistance as required from CPS Energy.



d) Submission of Application. Completed Applications may be submitted by either U.S. mail, electronically to poleapplications@cpsenergy.com, or other means mutually agreeable by CPS Energy and the Attaching Entity. The Application shall include:

- i) A completed Application form, as provided in Appendix B;
- ii) Detailed design documents of the required Make-Ready Electrical Construction, prepared or reviewed by an Engineer which includes the Attaching Entity's estimated cost of proposed Make-Ready Electrical Construction;
- iii) A proposed installation schedule;
- iv) PLA worksheets and results, as required by Appendix G;
- v) Relevant pole data; and
- vi) If applicable, a Waiver Request form, as described in Section III.A.6.

Such Application shall be prepared by, or under the authority of, the Attaching Entity. The detailed design documents referenced in this Section IV.B.2.e will be undertaken and completed in design tools to be determined by CPS Energy. All actions pursuant to this Section IV.B.2.e shall be at the Attaching Entity's cost and risk.

- 3. CPS Energy Review of Application.** CPS Energy will respond to each completed Application and Make-Ready Engineering design documents submitted by the Attaching Entity within twenty-one (21) calendar days of receipt. Should CPS Energy be required to return an Application for clarification or modification, the time required for the Attaching Entity to address the concerns raised and return the Application shall not count against the twenty-one (21) calendar day period. For Applications with Overlapping only, CPS Energy will respond pursuant to Section IV.F. Any Application that does not conform to the requirements provided in Section IV.B.2.e and the Applicable Engineering Standards will be deemed incomplete and immediately rejected by CPS Energy. If an Application is rejected as incomplete, the Attaching Entity will be provided with a detailed description of changes, modifications, or revisions to the Application necessary for CPS Energy's review and approval within ten (10) calendar days of receipt of the Application.

In the event CPS Energy does not finalize its review of a completed Application within twenty-one (21) calendar days, CPS Energy may impose a one-time, additional seven (7) calendar day extension period in which to complete its review for each Application. CPS



Energy shall provide the Attaching Entity with seven (7) calendar days' prior notice that it intends to exercise its option to impose the extension period. Should CPS Energy fail to take action on the Application within the extension period, all proposed Attachments or Overlashings included within that specific Application shall be deemed approved, subject to all then current Applicable Engineering Standards and all other procedural and operational requirements under these Standards.

- a) Review. In making its decision as to whether to approve an Application, CPS Energy will consider the Applications proposed compliance with engineering and safety requirements, in accordance with the Applicable Engineering Standards set forth in Section II.A.4. In addition, CPS Energy shall consider Capacity constraints, including the future needs of CPS Energy as determined in accordance with the Reserved Capacity provisions set forth in Section II.H.10, flood zone requirements, in-flight CPS Energy projects, and other circumstances known at the time that would directly affect the engineering, safety requirements, and Capacity constraints of the Application submission and review which may impact the Application, including any known third-party requests for Attachment to the same Pole as described in Section V.B.3.f.
- b) Make-Ready Electrical Construction. In the event an Attaching Entity's proposed Application requires CPS Energy to undertake and complete Make-Ready Electrical Construction to accommodate the Attaching Entity's Application, CPS Energy will review the detailed design documents and the cost estimate for this Make-Ready Electrical Construction work provided by the Attaching Entity. Following CPS Energy's approval of the Make-Ready Electrical Construction design and review of the estimated Make-Ready Electrical Construction costs, CPS Energy may, at its discretion, revise the cost estimate to more accurately reflect the anticipated cost of the work. CPS Energy will then submit this estimate of the cost of Make-Ready Electrical Construction to the Attaching Entity utilizing the CPS Energy Authorization for Make-Ready Work form, provided in Appendix B, for approval from the Attaching Entity to proceed. The Attaching Entity shall approve and make advanced payment of this cost estimate in order for any Make-Ready Electrical Construction to proceed in accordance with the provisions of Section II.I.3. The Attaching Entity shall have fifteen (15) calendar days following the issuance of the CPS Energy invoice for Make-Ready Work to approve the estimate and provide payment. Failure of the Attaching Entity to respond to CPS Energy or return the CPS Energy invoice for Make-Ready Work within the fifteen (15) calendar day period will result in the Application being cancelled by CPS Energy, with all applicable Application Fees being non-refundable.



- c) Changes Required. If CPS Energy describes any changes, modifications, or revisions to the proposed Make-Ready Electrical Construction design documents pursuant to this Section IV.B.3, CPS Energy shall notify the Attaching Entity in writing. Upon receipt of this notice, the Attaching Entity may notify CPS Energy in writing that it agrees to the changes, modifications, or revisions to the proposed Make-Ready Electrical Construction design required by CPS Energy, in which case the Attaching Entity may resubmit the Application as amended and it shall be deemed granted; or the Attaching Entity may propose alternative changes, modifications, or revisions consistent with Applicable Engineering Standards by resubmitting the Application with such other alternative proposals, provided that such resubmission explains the reasons for the alternative proposals and addresses all concerns raised by CPS Energy in response to the initial Application. The alternative proposals shall not be the original Make-Ready Engineering design documents rejected by CPS Energy.

The Attaching Entity shall incur an Application Fee, if applicable, upon resubmitting the Application containing the alternative proposals. CPS Energy shall have twenty-one (21) calendar days of receipt thereof to provide the Attaching Entity with:

- (i) Notification that access is granted based on the alternative proposals; or
- (ii) A detailed description of any changes, modifications, or revisions to the alternative proposal necessary to comply with safety, reliability, or generally applicable engineering practices or standards.

In the event CPS Energy fails to complete its review within twenty-one (21) calendar days of the resubmitted Application containing the alternative proposals for Make-Ready Electrical Construction, CPS Energy may impose a one-time additional seven (7) calendar day extension period in which to complete its review of the resubmitted Application. CPS Energy shall provide the Attaching Entity with seven (7) calendar days' prior notice that it intends to exercise its option to impose the extension period. Should CPS Energy fail to take action on the resubmitted Application within the extension period, the alternative proposal shall be deemed approved, subject to all then current Applicable Engineering Standards and all other procedural and operational requirements under these Standards.

- d) Compliance by Attaching Entity. CPS Energy's acceptance of the submitted Make-Ready Electrical Construction design and engineering documents does not relieve the Attaching Entity from compliance with the requirements of the Texas Engineering Act, the National Electrical Safety Code, and all other Applicable Engineering Standards as required by this Standard.



- e) Application Approval.
- (i) *If Make-Ready Electrical Construction Is Required.* After acceptance of all necessary revisions, CPS Energy will issue to the Attaching Entity the CPS Energy Authorization for Make-Ready Work, a copy of which is in Appendix B. The Attaching Entity shall comply with the provisions of Section IV.B.4.
 - (ii) *If Make-Ready Electrical Construction Is Not Required.* After acceptance of all necessary revisions to the Application, CPS Energy will issue to the Attaching Entity the CPS Energy Notice to Proceed, a copy of which is in Appendix B. The Attaching Entity shall comply with the provisions of Section IV.B.4.e.
- f) Treatment of Multiple Requests for Same Pole. CPS Energy shall consider complete Applications received from multiple Attaching Entities to attach to the same Pole on a “first-come, first-served”, non-discriminatory basis.
- (i) If CPS Energy receives a subsequent Application for the same Pole from a second prospective Attaching Entity following acceptance of a complete Application and prior to completing Make-Ready Electrical Construction or issuing a Notice to Proceed on said first Application, CPS Energy shall reject the second Application and any subsequent Applications for the same Pole without consideration of the proposed Attachments from the Application which was first in time. CPS Energy will reconsider the rejected Application if it is revised and resubmitted to eliminate the conflict with the first in time Application previously approved. Should the second Application be for a Wireless Installation, CPS Energy will evaluate the Wireless Installation Application as if the Attachment of the first Attaching Entity has been completed.
 - (ii) Should the first in time Application require CPS Energy to undertake and complete any Make-Ready Electrical Construction on a Pole with a subsequent request for an Attachment or Wireless Installation received before CPS Energy completes such Make-Ready Electrical Construction, CPS Energy shall meet with each Attaching Entity and allocate the costs to complete this Make-Ready Electrical Construction evenly between the Attaching Entities requesting access to the Pole.
 - (iii) Where Make-Ready Electrical Construction on the Pole with multiple Attachment and/or Wireless Installation requests arise not required or has been already completed; in the event the Attaching Entity that was first in time fails to timely affix its Attachment or Wireless Installation in accordance with



Section IV.B.4.f or Section V.B.4.f, as applicable, CPS Energy will withdraw the first Application and process the second Application without consideration to the initial first-in-time Application.

- (iv) CPS Energy will simultaneously consider multiple Applications addressing the Communications Facilities of separate Attaching Entities provided such Applications are filed together and each Application includes one common set of engineering design documents accounting for the Communications Facilities of all the applicants. In such case, CPS Energy will issue a Permit to each Attaching Entity that filed an Application and such Permits will be subject to one set of construction plans to be carried out by joint agreement of the parties including the cost allocation of all required Make-Ready Work. Such allocation does not apply to Risers.

4. **Make-Ready Electrical Construction.** If Make-Ready Electrical Construction is required to accommodate an Attaching Entity's Attachment and/or Overlapping, CPS Energy or its contractors shall perform such work at Attaching Entity's expense as provided in Section IV.B.3, Section IV.B.5.e, and Appendix B.

- a) **Advance Payment.** CPS Energy shall invoice Attaching Entity based on the estimated cost of such work. Pursuant to Sections II.I.3, CPS Energy shall require payment in advance for any Make-Ready Electrical Construction, to be performed by CPS Energy or its contractors.
- b) **Work Performed by CPS Energy or CPS Energy Contractor.** Make-Ready Electrical Construction shall be performed only by CPS Energy and/or a contractor authorized by CPS Energy to perform such work. Prior to commencement of Make-Ready Electrical Construction and upon receipt of advance payment, CPS Energy will schedule a work order within thirty (30) calendar days for construction to commence. CPS Energy will strive to perform the Make-Ready Electrical Construction to accommodate an Attaching Entity's Communications Facilities within sixty (60) calendar days. CPS Energy shall provide to the Attaching Entity as soon as possible the estimated schedule for completing the Make-Ready Electrical Construction. In the event that CPS Energy is unable to complete the Make-Ready Electrical Construction within the sixty (60) calendar day period, an Attaching Entity may request in writing to CPS Energy the use of temporary Attachments by submitting a Request for Temporary Attachment form, a copy of which is available at www.cpsenergy.com/poleattachments and located in Appendix B. Upon receiving this written request, CPS Energy shall coordinate with the Attaching Entity on a non-discriminatory basis to determine all reasonable means to accommodate the temporary Attachment request subject to compliance with the Applicable



Engineering Standards.¹¹ Any temporary Attachments must be removed and properly installed upon the completion of the Make-Ready Electrical Construction. The cost to install and remove a temporary Attachment shall be borne by the Attaching Entity.

- c) Work Schedule. In performing all Make-Ready Electrical Construction to accommodate an Attaching Entity's Attachments, CPS Energy will include such work in its normal work schedule on a non-discriminatory basis. In the event the Attaching Entity requests that the Make-Ready Electrical Construction be performed on a priority basis or outside of CPS Energy's normal work hours, the Attaching Entity shall pay the appropriate increased costs. Nothing herein shall be construed to require performance of any Attaching Entity's work before other scheduled work, CPS Energy service restoration, or other Emergency work.
- d) Notifying Other Attaching Entities. Prior to commencing Make-Ready Electrical Construction, CPS Energy shall provide no less than ten (10) calendar days' written notice to the Attaching Entities on the affected Pole of the impending work. Such notification will be sent through the National Joint Utilities Notification System (NJUNS).
- e) Notice to Proceed. Following completion of the Make-Ready Electrical Construction, CPS Energy will issue a CPS Energy Notice to Proceed, a form of which is provided in Appendix B, to the Attaching Entity (applicant) in writing that the Pole is available for Make-Ready Communications Construction and Attachment. When applicable, the Attaching Entity shall proceed to install its Attachments utilizing the One-Touch Transfer Process described in Section IV.B.5 below. Whenever the transfer of an Attachment or Wireless Installation would require cutting or splicing of the Communication Facility or disruption of wireless service, the Complex Transfer Process in Section IV.B.6 below shall apply.
- f) Failure to Attach. An Attaching Entity must exercise the right granted by the CPS Energy Notice to Proceed within ninety (90) calendar days of issuance of the Notice to Proceed. If needed, the Attaching Entity may request in writing to CPS Energy an additional thirty (30) calendar day extension of the effective period of the Notice to Proceed. The request for this extension must be received by CPS Energy no later than seven (7) calendar days before the expiration date provided in the Notice to Proceed. In considering this request, CPS Energy will review past construction practices of the Attaching Entity and current efforts underway to complete the installation for which the extension was requested. CPS Energy will provide a written

¹¹ NESC, Rule 013B4 and Rule 014, C2-2017.



response to the request for extension within three (3) calendar days of receiving the request. CPS Energy, at its discretion, may not consider any requests for extension received within seven (7) calendar days of the expiration of the Notice to Proceed.

- (i) Failure to install an Attachment within the effective period of the Notice to Proceed, or extended period if granted by CPS Energy, will result in expiration of the Application and the forfeiture of the applicable Application Fees and any payments made for Make-Ready Work already completed. Following expiration of an Application, should the Attaching Entity wish to continue to install the Attachment subject to the expired Application, the Attaching Entity must submit a new Application covering the same Attachment including all appropriate Application Fees.
- (ii) CPS Energy and the Attaching Entity shall determine a mutually-agreeable schedule for the completion of the Make-Ready Work should an issue of Force Majeure, as described in the Pole Attachment Agreement, be asserted by either party.

5. **Make-Ready Communication Construction – One Touch Transfer.** The transfer of third-party Attachments or Wireless Installations, whether conducted by an Attaching Entity or CPS Energy, shall hereinafter be referred to as the “One-Touch Transfer Process.” Pursuant to these Standards, the One-Touch Transfer Process allows an Attaching Entity to transfer or rearrange an Attachment of one or more Attaching Entities in the Communications Space of a CPS Energy Pole and coordinate the Joint Meeting Transfer of a Wireless Installation, as may be necessary to accommodate the installation of a new Attachment contingent upon compliance with requirements identified in this Section IV.B.5. All One-Touch Transfers conducted by an Attaching Entity or CPS Energy must comply with the following requirements:

- a) **Simple Transfers Only.** One-Touch Transfers shall be limited to rearrangement or transfer of third-party Attachments on an existing Pole and/or a Mid-Span Installation suspended by a Messenger cable between two Poles. Such Attachment or Mid-span installation may be rearranged within an existing Pole or transferred onto a replacement Pole Installation (along with any supporting Communication Facility or Overlash) is not subject to cutting and splicing and any affected Mid-Span Installation is not severed from the Communication Facility providing connectivity.
- b) **Joint Meeting Transfer.** Any Wireless Installation on a Pole that is hosting Attachments subject to One-Touch Transfer shall be modified within the same Pole or transferred onto a replacement Pole at the same time as the Attachments subject to Simple Transfer through the coordination of a Joint Meeting Transfer of the Wireless Installation.



- (i) Before an Attaching Entity seeking to avail itself of the One-Touch Transfer process begins to undertake Make-Ready Communication Construction, it shall, not less than twenty-one (21) calendar days before the date contemplated for the start of Make-Ready Communication Construction, notify in writing each affected existing Attaching Entity owning a Wireless Installation on the affected Pole and arrange for a Joint Meeting Transfer of the Wireless Installation.
 - (ii) Such notice shall identify the specific Pole subject to Simple Transfer where the Wireless Installation is mounted. The written notice shall provide sufficient instructions to coordinate the Joint Meeting Transfer.
 - (iii) Either party may make earlier arrangements with the other for any proposed Joint Meeting Transfer. Both Attaching Entities have an obligation to cooperate to successfully complete the Joint Meeting Transfer of the Wireless Installation. In the event the Attaching Entity utilizing the One-Touch Transfer Process fails to provide the required notice of the Joint Meeting Transfer to the Attaching Entity that owns the Wireless Installation, the former will be responsible for the cost of removing and relocating the Wireless Installation to a replacement Pole.
 - (iv) In the event the Attaching Entity that owns the Wireless Installation fails to attend the Joint Meeting Transfer or attends the meeting but fails to relocate the Wireless Installation as part of the One-Touch Transfer Process, such Attaching Entity shall be responsible for modifying the Wireless Installation within the same Pole or transferring the Wireless Installation onto a replacement Pole within ten (10) calendar days following the date of the failed Joint Meeting Transfer. Such failure to relocate the Wireless Installation within such ten (10) day period shall result in CPS Energy finding the Wireless Installation in non-compliance with these Standards subject to a penalty as provided in Appendix H. In addition, such Attaching Entity shall be responsible for the cost of removing the original Pole should a replacement Pole be required to be installed as part of the One-Touch Transfer Process.
- c) Certified Contractors. An Attaching Entity must engage qualified contractors approved by CPS Energy pursuant to a contractor approval program developed by CPS Energy with the input of Attaching Entities.
 - d) Applicability to CPS Energy. CPS Energy's communications wires or facilities installed in the Communication Worker Safety Zone of a Pole will also be subject to the One-Touch Transfer Process.
 - e) One-Touch Transfers Subject to Applicable Engineering Standards. All Make-Ready Communication Construction performed under the One-Touch Transfer Process shall



meet all Applicable Engineering Standards, including CPS Energy's clearance standards. Applications that include Make-Ready Communications Construction and One-Touch Transfers that fail to meet Applicable Engineering Standards will be rejected by CPS Energy.

- f) Cost Responsibility. With the exception of instances where in the sole judgement of CPS Energy, a Pole has been identified as defective, CPS Energy will be responsible for the cost to replace such defective Pole. In all other instances, the Attaching Entity shall pay all costs of Make-Ready Electrical Construction and Make-Ready Communications Construction associated with One-Touch Transfers as described below:
- (i) Where the Pole includes one or more third-party Attachment(s) that fail to meet Applicable Engineering Standards but otherwise there is enough space on the Pole to accommodate the Attaching Entity's Attachment, Make-Ready Work will not include the transfer of the third-party Attachment(s), unless the lowest Attachment on the Pole fails to meet NESC clearance standards and/or poses a public safety hazard. In that case, Make-Ready Work will include the relocation of the non-compliant Attachment and the Attaching Entity may recover the cost to bring such Attachment into compliance from the owner of the non-complaint Attachment.
 - (ii) Where the Pole includes one or more third-party Attachment(s) that fail to meet Applicable Engineering Standards, and in order to accommodate the Attaching Entity's Attachment on the same Pole the third-party Attachment(s) must be rearranged, the cost of rearranging the third-party Attachment(s) will be included in Make Ready Work. Provided that if the lowest Attachment on the Pole fails to meet NESC clearance standards and/or poses a public safety hazard, the Attaching Entity may recover the cost to bring such Attachment into compliance from the owner of that Attachment, but no others.
 - (iii) Where the Pole includes one or more third-Party Attachment(s) that fail to meet Applicable Engineering Standards, and in order to accommodate the Attaching Entity's Attachment a new Pole must be installed, the cost of the new Pole and the transfer of the third-party Attachment(s) will be included in the Make-Ready Work.
 - (iv) Where the Pole includes one or more third-party Attachment(s) that meet Applicable Engineering Standards, and otherwise there is enough space on the Pole to accommodate the Attaching Entity's Attachment, Make-Ready Work will not include the transfer of the third-party Attachment(s).



- (v) Where the Pole includes one or more third-party Attachment(s) that comply with Applicable Engineering Standards, and in order to accommodate the Attaching Entity's Attachment on the same Pole the third-party Attachment(s) must be rearranged, the cost of rearranging the third-party Attachment(s) will be included in Make-Ready Work.
- (vi) Where the Pole includes one or more third-party Attachment(s) that comply with Applicable Engineering Standards, and in order to accommodate the Attaching Entity's Attachment a new Pole must be installed, the cost of the new Pole and the transfer of the third-party Attachment(s) will be included in Make-Ready Work.
- g) Notice of Transfer. An Attaching Entity shall provide all third-parties having wire Attachments or Overlashings affected by a proposed One-Touch Transfer with advanced written notice of such One-Touch Transfer no less than twenty-one (21) calendar days prior to undertaking such One-Touch Transfer. This notice shall be provided using the NJUNS to a duly designated representative of the affected Attaching Entity, unless another method of notice is prescribed by CPS Energy. The Attaching Entity who desires to utilize the One-Touch Transfer Process shall bear the responsibility of determining the appropriate representative for each Attaching Entity affected by the Attaching Entity's implementation of the One-Touch Transfer Process.
- h) Critical Communication Facilities. If an affected Attaching Entity, in its reasonable discretion, determines that a proposed One-Touch Simple Transfer poses a risk of disconnection or interruption of service to a Critical Communications Facility, the affected Attaching Entity shall notify the requesting Attaching Entity and CPS Energy in writing within ten (10) calendar days of receiving the notice of transfer described in Section IV.5.g. The affected Attaching Entity is obligated to make the requested transfer of their Critical Communication Facilities within fifteen (15) calendar days of providing such notice. Failure to transfer the Critical Communications Facilities in a timely manner will subject the Critical Communications Facility to the One-Touch Transfer Process.
- i) Post-Transfer Notice. Within fifteen (15) calendar days following the completion of a One-Touch Transfer, the Attaching Entity shall send written notice of the One-Touch Transfer and as-built reports to each affected Attaching Entity. Within thirty (30) calendar days of receipt of these as-built reports, the Attaching Entity that owns the Communications Facilities that were transferred or relocated may conduct an inspection at the expense of the Attaching Entity who moved the facilities. If the One-



Touch Transfer failed to meet all Applicable Engineering Standards, the owner of the Communications Facilities subject to transfer or relocation will notify the Attaching Entity responsible for the One-Touch Transfer of any deficiency, which will be corrected within fifteen (15) calendar days following receipt of such written notice at the expense of the Attaching Entity responsible for the One-Touch Transfer. The Attaching Entity responsible for the One-Touch Transfer shall pay the actual, reasonable, and documented inspection expenses incurred by the owner of the Communication Facilities subject to transfer or relocated, within forty-five (45) calendar days of receipt of an invoice. Failure of the owner of the moved or relocated Attachment to undertake and complete the inspection within the thirty (30) calendar day period shall be deemed acceptance of the One-Touch Transfer.

- j) Attaching Entity’s Attachments Subject to One-Touch Transfer by Other Entities. An Attaching Entity’s Communications Facilities shall be subject to the One-Touch Transfer Process conducted by another Attaching Entity or CPS Energy pursuant to the same terms and conditions prescribed in this Section IV.B.5 and the daily penalty found in Appendix H for failure to timely relocate a Wireless Installation.

6. Make-Ready Communication Construction - Complex Transfers.

- a) Responsibility for Complex Transfers. The accomplishment of a Complex Transfer is considered part of Make-Ready Communication Construction and shall be performed by the Attaching Entity which owns the Attachment subject to transfer. It is the responsibility of the Attaching Entity requesting the Complex Transfer to negotiate a private process with the owning Attaching Entity for the Complex Transfer. The cost of the Complex Transfer shall be borne by the requesting Attaching Entity. Wireless Installations will not be subject to the Complex Transfer process as any modification or transfer of such facilities shall be subject to the Joint Meeting Transfer process described in Section IV.B.5.b.
- b) Complex Transfers Escalation Process. In the event an Attaching Entity refuses to reach agreement on a process for the expedient transfer of an Attachment subject to a Complex Transfer, the requesting Attaching Entity may rely on the following escalation procedures. At any time during these escalation procedures, the requesting Attaching Entity and the owner of the Attachment subject to the Complex Transfer may reach agreement on a voluntary transfer process. In such event, the requesting Attaching Entity shall notify CPS Energy in writing of this agreement.
 - (i) Level 1: Initial Request for Complex Transfer (Days 0 to 30)
 - a. Initial Notice Letter. The requesting Attaching Entity shall provide written notice to owner of the Attachment subject to Complex Transfer requesting



the transfer of such Attachment using NJUNS with a copy to CPS Energy. The Attaching Entity which owns such Attachment shall perform the transfer within thirty (30) calendar days of receipt of notice from the requesting Attaching Entity.

- (ii) Level 2: Initial Escalation Process (Days 31 to 60)
 - a. Escalation Notification. If the owner fails to transfer the Attachment subject to Complex Transfer within the initial thirty (30) calendar days, the requesting Attaching Entity shall send a certified letter notifying the non-compliant Attaching Entity that failure to transfer the Attachment within a subsequent thirty (30) calendar days (escalation period) of receipt of notice will result in the Attachment in question being designated by CPS Energy as non-compliant with the Complex Transfer Process and subject to penalty, as described in Appendix H, on the basis of interference with the requesting Attaching Entity's permitted Attachment rights. The requesting Attaching Entity shall send CPS Energy a copy of the escalation letter and all other correspondence between the parties related to this matter.
 - b. Duty to Negotiate. The requesting Attaching Entity is required to continue negotiations with the non-compliant Attaching Entity during the thirty (30) calendar day escalation period. Absent extraordinary circumstances, the non-compliant Attaching Entity's failure to transfer the Attachment subject to Complex Transfer by the end of the thirty (30) calendar day escalation period shall be considered a lack of cooperation on the part of the non-compliant Attaching Entity. Conversely, absent extraordinary circumstances, a refusal by the requesting Attaching Entity to agree to an alternative process for the transfer of the Attachment in question within a reasonable date certain shall be considered a lack of cooperation on the part of the requesting Attaching Entity.
 - c. Notice of Success Complex Transfer. If the non-compliant Attaching Entity transfers the Attachment subject to Complex Transfer within the thirty (30) calendar day escalation period, or the requesting Attaching Entity transfers the Attachment by mutual agreement of the parties, no further escalation will be necessary.
- (iii) Level 3: CPS Energy Finding of Non-Compliant Attachments (Days 61 to 90)
 - a. Request for Finding of Non-Compliant Attachments. If the requesting Attaching Entity and the non-compliant Attaching Entity cannot reach agreement and the non-compliant Attaching Entity fails to transfer the



Attachment subject to Complex Transfer within the thirty (30) calendar day escalation period; the requesting Attaching Entity within five (5) calendar days thereafter shall notify CPS Energy in writing, provide a short summary of efforts to negotiate the rearrangement or transfer of the Attachment in question, and request CPS Energy to make a finding of Non-complaint Attachment on the basis of interference with the requesting Attaching Entity's permitted Attachment rights. The request shall explain why the requesting Attaching Entity believes the non-compliant Attaching Entity is acting in bad faith.

- b. Notification of Non-Compliant Attachments. Within ten (10) calendar days of receiving the request for a finding of non-compliant Attachments, CPS Energy will evaluate the request and if it finds the request credible; CPS Energy will:
- (1) Notify the non-compliant Attaching Entity by certified mail that CPS Energy has determined the Attachment subject to Complex Transfer is declared as "Non-compliant Attachment";
 - (2) The non-conforming Attaching Entity will begin accruing penalties as provided in Appendix H of these Standards until the non-compliant Attachment is transferred; and
 - (3) CPS Energy will suspend the processing of the non-compliant Attaching Entity's Applications effective five (5) days after receipt of the certified letter.

Thereafter, the non-compliant Attaching Entity will have fifteen (15) days in which to transfer the non-compliant Attachment and notify CPS Energy in writing in order to reinstate the processing of Applications. If the non-compliant Attaching Entity fails to transfer the non-compliant Attachment within the twenty (20) calendar day grace period, the non-compliant Attachment will be subject to further penalties and transfer as provided in Section III.E and Appendix H. CPS Energy will reinstate the processing of the non-compliant Attaching Entity's Applications upon receipt of written notification of the transfer of the non-compliant Attachment and the payment of all assessed penalties.

- c. Duty to Negotiate. The requesting Attaching Entity is required to continue negotiations with the non-compliant Attaching Entity which owns the non-compliant Attachment during the twenty (20) calendar day grace period.



- d. Notice of Transfer. If the non-compliant Attaching Entity transfers the non-compliant Attachment within the twenty (20) calendar day grace period, or the requesting Attaching Entity transfers the non-compliant Attachment by mutual agreement of the parties, the moving party shall notify CPS Energy by electronic message, and CPS Energy shall reinstate processing of the non-compliant Attaching Entity's Applications within twenty-four (24) hours of receiving payment of all outstanding penalties.
 - e. Stop Processing Pole Attachment Permit Applications. If CPS Energy does not receive written notification of the transfer of the non-compliant Attachment by the end of the twenty (20) calendar day grace period, CPS Energy shall stop processing the non-compliant Attaching Entity's Applications pending further written notice of a successful transfer and the payment of all outstanding penalties.
- (iv) Level 4: Transfer or Removal of Unauthorized Attachments (Days 91 and Beyond)
- a. Notification of Failed Transfer. If the parties fail to negotiate the successful transfer of the non-compliant Attachment, the requesting Attaching Entity shall promptly notify CPS Energy in writing of the failed attempt and explain the reasons for the unsuccessful transfer.
 - b. Notification of Transfer of Non-Compliant Attachments. Following receipt of the notification of failed transfer, CPS Energy shall promptly proceed to transfer the non-compliant Attachment at the respective owner's expense. Following the transfer of the non-compliant Attachment, CPS Energy will provide written notification of the transfer to the non-compliant Attaching Entity within twenty-four (24) hours. CPS Energy shall reinstate processing of the non-compliant Attaching Entity's Applications within twenty-four (24) hours of receiving payment for the transfer cost and all outstanding penalties.
 - c. Notice of Transfer. In the event the non-compliant Attaching Entity transfers the non-compliant Attachment, or the requesting Attaching Entity transfers the non-compliant Attachment, by mutual agreement of the parties, prior to CPS Energy's transfer efforts, the moving party shall notify CPS Energy in writing. The non-compliant Attaching Entity shall be assessed a one-time fine as provided in Appendix H of these Standards. Thereafter, CPS Energy shall reinstate the processing of the non-compliant Attaching Entity's Applications within twenty-four (24) hours of receiving payment of all outstanding penalties.

7. Notice of Attachment Completion and Acceptance.

The Attaching Entity shall notify CPS Energy in writing by submitting the Completion of Attaching Entity Construction form, a copy of which is available at www.cpsenergy.com/poleattachments and in Appendix B, within ten (10) calendar days following the acceptance by all Attaching Entities whose facilities were rearranged or transferred pursuant to Section IV.B.5 (Simple Transfers) and/or Section IV.B.6 (Complex Transfers) that all Make-Ready Communication Construction has been completed and accepted, and that the new Attachments and/or Overlashings and all Make-Ready Work are ready for CPS Energy to undertake Post-Construction Inspection.

8. Post-Construction Inspection.

- a) Construction Subject to Inspection. CPS Energy shall complete a Post-Construction Inspection of applicable Make-Ready Work at the Attaching Entity's expense within thirty (30) calendar days of receiving the Attaching Entity's notification set forth in Section IV.B.7. CPS Energy will conduct the Post-Construction Inspections to evaluate compliance with the requested Permit, Applicable Engineering Standards, or other design and installation requirements. Completion of a Post-Construction Inspection by CPS Energy shall not in any way relieve any Attaching Entity or an Attaching Entity's insurers of any responsibility, duty, obligation, or liability under these Standards, any contractual agreement, or otherwise; nor does CPS Energy's ability to make Post-Construction Inspections relieve an Attaching Entity from its obligations to exercise due care in the installation of its Attachments or Overlashings. The Post-Construction Inspection provision set forth in this Section IV.B.8.a does not affect any other inspection requirements elsewhere in these Standards. This section IV.B.8 also applies to supplemental Post-Construction Inspections where the Attaching Entity reports "final corrections" of previously identified non-compliant work or locations as described in Section IV.B.8.b below.
- b) Compliance. In the event a Post-Construction Inspection conducted pursuant to Section IV.B.8. a. reveals that corrections or other actions are required of an Attaching Entity, including without limitation those required for reasons of safety or structural integrity, the Attaching Entity shall make such required corrections or take the requested actions within thirty (30) calendar days after the date CPS Energy sends written notice. If CPS Energy determines in its reasonable judgment and discretion that the needed corrections rise to the level of an Emergency, CPS Energy may perform the necessary corrective work without providing notice, at the Attaching Entity's sole risk and cost plus ten-percent (10%). As soon as practicable thereafter,



CPS Energy will advise the Attaching Entity of the work performed or the action taken.

- c) Issuance of Permit. Upon satisfactory completion of the Post-Construction Inspection, CPS Energy shall notify the Attaching Entity in writing that CPS Energy has approved the Attachments identified in the Application by submitting to the Attaching Entity a Permit, a copy of which form is located in Appendix B, for the affected facilities.

C. Private Network Process

A high-level workflow of the Private Network Process for wire Attachments to CPS Energy Poles is illustrated in the Figure C below.

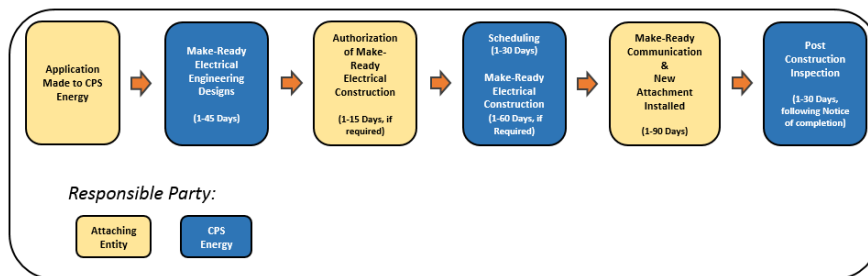


Figure C: Private Network Process

1. **Eligibility.** Any private entity or public organization, such as a school, university, or unit of local government that is an Attaching Entity, not engaged in providing competitive telecommunication services that operates an internal private network for its own private non-commercial communications purposes.
2. **Application for Permit Required.** An Attaching Entity who qualifies for the Private Network Process may choose either:
 - a) **CPS Energy to Perform Make-Ready Engineering.** The Attaching Entity may request CPS Energy to undertake and complete the Make-Ready Engineering required by the Application request. If the Attaching Entity elects for CPS Energy to perform the Make-Ready Engineering, CPS Energy shall provide the Attaching Entity an estimated cost to prepare and complete the Make-Ready Engineering before starting the project. Upon approval to proceed, CPS Energy will respond to such Application requests as promptly as is reasonable, with a goal of providing a response within forty-five (45) calendar days of receipt of the Application. The Attaching Entity is still required to submit an Application and pay all applicable Applications Fees as described in Appendix H. CPS Energy will invoice the Attaching Entity for the cost to produce the Make-Ready Work in accordance with the provisions of Section II.I.3.
 - b) **Attaching Entity to Perform Make-Ready Engineering.** The Attaching Entity may choose to complete its own Make-Ready Engineering by complying with all provisions of the Standard Process as described in Section IV.B.



3. CPS Energy Review of Application.

- a) **CPS Energy to Perform Make-Ready Engineering.** If the Attaching Entity chooses to have CPS Energy complete the Make-Ready Engineering pursuant to Section IV.C.2.a, then CPS shall respond to the Application within forty-five (45) calendar days of receipt and provide the Attaching Entity with a detailed description of the proposed Make-Ready Work required for reasons of safety, reliability, or generally applicable engineering purposes.
- b) **Attaching Entity to Perform Make-Ready Engineering.** If the Attaching Entity chooses to be responsible for its own Make-Ready Engineering pursuant to Section IV.C.2.b, then all provisions of Section IV.B.3 shall be applicable to CPS Energy's Review of Applications for Applications considered under the Standard Process – Small Entity process.

4. Make-Ready Electrical Construction. All provisions of Section IV.B.4 shall be applicable to Make-Ready Work Electrical Construction for Applications considered under the Private Network Process.

5. Make-Ready Communication Construction – One Touch Transfers. All provisions of Section IV.B.5 shall be applicable to Make-Ready Communications Construction for Applications considered under the Private Network Process regarding One-Touch Transfers.

6. Make-Ready Communication Construction - Complex Transfers. All provisions of Section IV.B.6 shall be applicable to Make-Ready Communications Construction for Applications considered under the Private Network Process regarding Complex Transfers.

7. Notice of Attachment Completion and Acceptance. All provisions of Section IV.B.7 shall be applicable to Notice of Attachment Completion and Acceptance for Applications considered under the Private Network Process.

8. Post Construction Inspection. All provisions of Section IV.B.8 shall be applicable to Post Construction Inspection for Applications considered under the Private Network Process.

D. Competitive Provider – Area Wide Network Deployment Process

A high-level workflow of the Competitive Provider – Area Wide Network Deployment Process for wire Attachments to CPS Energy Poles is illustrated in the Figure D below.

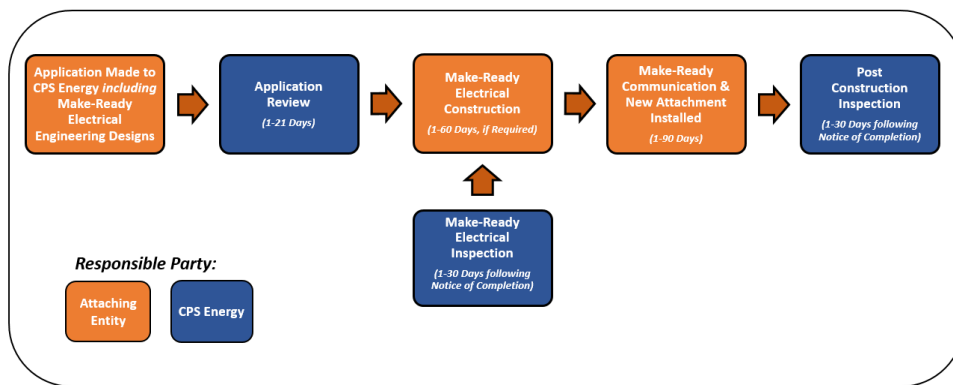


Figure D: Competitive Provider – Area Wide Network Deployment Process

- 1. Eligibility.** An Attaching Entity that is a Competitive Providers with a valid Pole Attachment Agreement who is engaged in an Area Wide Network Deployment and has provided CPS Energy a Deployment Plan which contemplates an estimated eighty (80) or more Pole replacements per month during the majority of the Development Plan period shall be required to comply with the Competitive Provider – Area Wide Network Deployment Process.
- 2. Application for Permit Required.** All provisions of Section IV.B.2 shall be applicable for Applications considered under the Competitive Provider – Area Wide Network Deployment Process.
- 3. CPS Energy Review of Application.** All provisions of Section IV.B.3 shall be applicable for CPS Energy’s Review of Applications considered under the Competitive Provider – Area Wide Network Deployment Process.
- 4. Make-Ready Electrical Construction.** An Attaching Entity that qualifies for the Competitive Provider – Area Wide Network Deployment Process per Section IV.D.1 above will be authorized by CPS Energy to perform all necessary Make-Ready Work, including Make-Ready Electrical Construction using contractors approved by CPS Energy to perform such work, contingent upon the Attaching Entity entering into a



construction contract with CPS Energy. Pursuant to this Section IV.D.4, the Attaching Entity shall be responsible for obtaining all materials and work at Attaching Entity's risk and expense for all Make-Ready Electrical Construction, except as provided in Section IV.B.5.f.

- a) Construction Completion Time. The Attaching Entity shall complete Make-Ready Electrical Construction within sixty (60) calendar days of receiving CPS Energy's approval of an Application. Should the Attaching Entity fail to complete Make-Ready Electrical Construction within the sixty (60) calendar period following the approval of the Application, CPS shall consider the Application cancelled.
 - (i) For the initial stages of a Network Deployment Process project, the time required to start Make-Ready Electrical Construction may be extended by CPS Energy up-to one hundred twenty (120) calendar days to allow for an efficient ramp-up transition during the initial six (6) months of the Network Deployment project.
 - (ii) To qualify for this extension, the Attaching Entity must provide CPS Energy a written request for extension and a construction schedule for the first six (6) months of the project. After reviewing this schedule, CPS Energy will provide written notice that the extension is either approved, rejected, or modified, including CPS Energy's rationale for such decision. If CPS Energy rejects or modifies the extension request, CPS Energy will call for a meeting with the Attaching Entity to discuss the extension and strive to reach agreement.
- b) Workmanship. All the Attaching Entity's Make-Ready Electrical Construction shall be performed at the Attaching Entity's sole cost and expense, shall be installed in a good and workmanlike manner, and must not adversely affect the structural integrity of CPS Energy's Poles, CPS Energy Facilities, or the Communication Facilities of other Attaching Entities attached thereto. All such Make-Ready Electrical Construction work is subject to inspection and/or observation by CPS Energy or its designee at any time as further described in these Standards and in the Construction Agreement.
- c) Operational Procedures. After reviewing the Deployment Plan and at any time during the deployment project, CPS Energy and the Attaching Entity shall develop a set of mutually agreeable operational procedures addressing items such as, but not limited to: customer outage notifications, contractor crew work location notifications, contractor safety reporting, material procurement, customer complaints, or other operational needs specific to the Attaching Entity's Deployment Plan. These operational procedures shall include provisions for updating, enforcement, and conflict resolution as required.



- d) Qualified Employees. All the Attaching Entity’s Make-Ready Electrical Construction performed on CPS Energy’s Poles, and/or in the vicinity of other CPS Energy Facilities, shall be in compliance with all provisions of the Construction Contract referenced in this Section IV.D.4. The Attaching Entity shall assure and certify to CPS Energy that any person working in the Electric or Supply Space on Poles, and/or CPS Energy Facilities is fully qualified to undertake and complete the work contemplated and is familiar with all Applicable Engineering Standards including all provisions of these Standards and the Construction Contract.
- e) Multiple Requests for Pole. In the event multiple Attaching Entities have been granted Permits to access the same Pole, the applicable provisions of Section V.B.3.f shall apply. However, should a disagreement exist between the Attaching Entities as to construction and installation schedules; CPS Energy shall require a representative of each Attaching Entity who has authority to agree on these issues to attend a meeting called by CPS Energy to discuss and attempt to reach agreement on this dispute. In the event the Attaching Entities are unable to so agree, then the applicable provisions of Section II.L shall apply.
- f) Construction Scheduling. Before beginning Make-Ready Electrical Construction on a Pole, or series of Poles; CPS Energy and the Attaching Entity shall develop a mutually agreed construction schedule and methodology providing for notice of the Pole locations, proposed dates on which work will commence and finish, and whether any electrical service interruptions or de-energizations will be required. CPS Energy approval is required for all outages, such approval not to be unreasonably withheld, conditioned or delayed; contingent upon the reliability needs of the CPS Energy electric system.

THE ATTACHING ENTITY SHALL INDEMNIFY AND HOLD HARMLESS CPS ENERGY AND ITS TRUSTEES, OFFICERS, EMPLOYEES, AGENTS, CONTRACTORS, AND REPRESENTATIVES FROM ALL CLAIMS FOR LOSS, HARM, PROPERTY DAMAGE, AND BODILY INJURY OR DEATH IN CONNECTION WITH ANY WORK PEFORMED IN CONNECTION WITH THESE STANDARDS.

- g) Materials. The Attaching Entity shall furnish all necessary materials and hardware including but not limited to: Poles, crossarms, mounting hardware, guys, anchors, insulators, conductors, and any associated miscellaneous hardware necessary to complete the Make-Ready Electrical Construction in compliance with the Applicable Engineering Standards and the construction contract between the parties. CPS Energy shall provide any required transformers and other special equipment to be identified in said construction contract. All materials to be provided by and used by the Attaching Entity



for Make-Ready Electrical Construction on CPS Energy Poles and other facilities shall be obtained from vendors approved by CPS Energy and shall be new and of good quality, free from known material defects, and shall comply with all applicable CPS Energy specifications. CPS Energy shall not unreasonably withhold, delay or condition its approval of a vendor.

All materials obtained by the Attaching Entity will be subject to an additional quality check to be performed by the Attaching Entity at the site, prior to use. At CPS Energy's option, all materials obtained by Attaching Entity shall be subject to inspection by CPS Energy on reasonable notice to the Attaching Entity; provided that such inspection will be completed in accordance with the Attaching Entity's construction schedule, discussed in Section IV.D.4.f, and will not unreasonably delay such schedule.

- h) CPS Energy Property. All Poles, materials, and other equipment installed as part of the Make-Ready Electrical Construction under this Area Wide Network Deployment Process, with the exception of Communication Facilities installed by the Attaching Entity, for use in its provision of services, shall become and remain CPS Energy's sole property, regardless of which entity procured, installed, or paid for it. The Attaching Entity shall execute any documents reasonably requested by CPS Energy to evidence the transfer of title to such Poles, materials, and equipment to CPS Energy, and the Attaching Entity shall brand and tag all new Poles to indicate CPS Energy ownership.

The Attaching Entity's performance of Make-Ready Electrical Construction or payment of any costs associated with such work:

- (i) Shall in no way create or vest in the Attaching Entity any ownership right, title, or interest in any Pole or electrical facilities;
 - (ii) Shall not entitle the Attaching Entity to any offsets, credits, payments, or income from CPS Energy's operation of the Pole or facilities;
 - (iii) Alter or affect CPS's rights under these Standards; or
 - (iv) Restrict CPS Energy's ability to allow access to other Attaching Entities in accordance with these Standards.
- i) Disposal/Salvage of Materials. CPS Energy will provide a list of all equipment and/or materials which the Attaching Entity may remove from service, as a result of undertaking and completing Make-Ready Electrical Construction pursuant to this Section IV.D.4 which CPS Energy requires to either be salvaged by CPS Energy or disposed of by the Attaching Entity at Attaching Entity's expense. Equipment and/or materials that are to be salvaged or recycled by CPS Energy are to be delivered at a place determined by CPS



Energy. All equipment and/or materials which are to be disposed of by the Attaching Entity shall be handled in a manner consistent with all applicable federal, state, and local laws, rules, and regulations. Copies of all applicable disposal manifests shall be provided to CPS Energy, on a monthly basis, during the course of the Attaching Entity's performance of Make-Ready Electrical Construction.

- j) Notification to CPS Energy. Following the Attaching Entity's completion of Make-Ready Electrical Construction, the Attaching Entity will promptly notify CPS Energy in writing by submitting the Completion of Attaching Entity Construction form, a copy of which is available at www.cpsenergy.com/poleattachments and in Appendix B, within five (5) calendar days from completion of the Make-Ready Electrical Construction.
- k) Make-Ready Electrical Construction Inspection. CPS Energy shall inspect, at Attaching Entity's expense, Attaching Entity's Make-Ready Electrical Construction at any time, but no later than thirty (30) calendar days following receipt of the Attaching Entity's notification set forth in Section IV.D.4.i. CPS Energy will conduct these inspections to evaluate compliance with the Application's design and installation requirements and evaluate compliance with the Applicable Engineering Standards and the construction contract between the parties. The completion of an inspection by CPS Energy shall not operate in any way to relieve Attaching Entity, its contractors, or its insurers of any responsibility, duty, obligation, or liability under these Standards, any contractual agreement, or otherwise; nor does CPS Energy's ability to make inspections relieve the Attaching Entity from its obligations to exercise due care in the completion of Make-Ready Electrical Construction. The inspection right set forth in this Section IV.D.4.j does not affect any other inspection rights afforded CPS Energy under these Standards and as Pole owner.
 - a) Corrective Action. In the event an inspection conducted pursuant to Section IV.D.4.j reveals that corrections or other actions are required of the Attaching Entity, including without limitation those required for reasons of safety or structural integrity, the Attaching Entity shall make such required corrections or take the requested actions within fifteen (15) calendar days after the date CPS Energy sends written notice. If CPS Energy determines in its reasonable judgment and discretion that the needed corrections rise to the level of an Emergency, CPS Energy may perform the corrective work without providing notice, at the Attaching Entity's sole cost and risk plus ten-percent (10%).
- l) Notice to Proceed. Following approval of the Make-Ready Electrical Construction, CPS Energy will issue a CPS Energy Notice to Proceed, a form of which is provided in Appendix B, to the Attaching Entity (applicant) in writing that the Pole(s) is available for



Make-Ready Communications Construction and Attachment. When applicable, the Attaching Entity shall proceed to install its Attachments utilizing the One-Touch Transfer Process described in Section IV.B.5. Whenever the transfer of an Attachment or Wireless Installation would require cutting or splicing of the Communication Facility or disruption of wireless service, the Complex Transfer Process in Section IV.B.6 shall apply.

- a) **Failure to Attach.** An Attaching Entity must exercise the right granted by the CPS Energy Notice to Proceed within ninety (90) calendar days of issuance. If needed, the Attaching Entity may request in writing to CPS Energy an additional thirty (30) calendar day extension of the effective period of the Notice to Proceed. The request for this extension must be received by CPS Energy no later than seven (7) calendar days before the expiration date provided in the Notice to Proceed. In considering this request, CPS Energy will review past construction practices of the Attaching Entity and current efforts underway to complete the installation for which the extension is requested. CPS Energy will provide a written response to the request for extension within three (3) calendar days of receipt. CPS Energy, at its discretion, may deny any requests for extension received within seven (7) calendar days of the expiration of the Notice to Proceed.

5. **Make-Ready Communication Construction – One Touch Transfer.** All provisions of Section IV.B.5 shall be applicable to Make-Ready Communications Construction for Applications considered under the Competitive Provider – Area Wide Network Deployment Process regarding One-Touch Transfers.
6. **Make-Ready Communication Construction - Complex Transfers.** All provisions of Section IV.B.6 shall be applicable to Make-Ready Communications Construction for Applications considered under the Competitive Provider – Area Wide Network Deployment Process regarding Complex Transfers.
7. **Notice of Attachment Completion and Acceptance.** All provisions of Section IV.B.7 shall be applicable to Notice of Attachment Completion and Acceptance for Applications considered under the Competitive Provider – Area Wide Network Deployment Process.
8. **Post Construction Inspection.** All provisions of Section IV.B.8 shall be applicable to Post Construction Inspection for Applications considered under the Competitive Provider – Area Wide Network Deployment Process.



E. Competitive Provider – Network Upgrade Process

1. **Eligibility.** An Attaching Entity that is a Competitive Provider with a valid Pole Attachment Agreement who is engaged in a significant network upgrade and has provided CPS Energy with a Deployment Plan shall be required to comply with the Competitive Provider – Network Upgrade Process (Network Upgrade Process).
2. **Choice of Process.** Attaching Entities who qualifying to install Attachments under the Network Upgrade Process shall be provided the choice of either:
 - a) Choose to have CPS Energy complete the Make-Ready Electrical Construction; thereby the Attaching Entity shall operate under the Competitive Provider – Standard Process for Attachments as described in Section IV.B; or
 - b) Choose to be responsible for the Make-Ready Electrical Construction; thereby the Attaching Entity shall operate under the Competitive Provider – Area Wide Network Deployment Process for Attachments as described in Section IV.D.
3. **Written Notice of Choice.** The Attaching Entity qualifying for the Network Upgrade Process shall provide CPS Energy written notice of its decision pursuant to Section IV.E.2 as soon as practical, but no less than three (3) months before submitting the first Application as part of its Deployment Plan. The Attaching Entity' choice of process will be irrevocable during the period as specified in the Deployment Plan provided the Attaching Entity remains qualified for the Network Upgrade Process per Section IV.E.1.



F. Competitive Provider – Standard Process for Overlapping Existing Attachments

1. **Eligibility.** Default process for any Attaching Entity with a valid Pole Attachment Agreement that is a Competitive Provider engaged in Overlapping existing Attachments.
2. **Application for Permit Required.** All provisions of Section IV.B.2 shall be applicable to Applications considered under the Competitive Provider – Standard Process for Overlapping Existing Attachments, except as provided below:
 - a) An Attaching Entity may Overlap its own Attachments where the facilities comprising the Overlapping and Attachment do not exceed a combined total of three and one-half inches (3.5”) in diameter, such Overlapping fully complies with the Applicable Engineering Standards, and no Make-Ready Electrical Construction is required. In such cases, the Attaching Entity shall provide CPS Energy with five (5) calendar days’ prior written notice of the Overlapping and its compliance with the requirements set forth in this Section IV.F.2.a.
 - b) For Overlapping and Attachments that will exceed a combined total of three and one-half inches (3.5”) in diameter, CPS Energy requires ten (10) calendar days’ notice before installation and its compliance with the requirements set forth in Section IV.F.2.a.
 - c) An Attaching Entity shall be permitted to Overlap its own Attachments without prior written notice or submitting an Application to CPS Energy in the event such Overlapping is necessary to restore service temporarily to the Attaching Entity’s customers and is in compliance with the Applicable Engineering Standards. In such cases, the Attaching Entity shall provide CPS Energy with written notice of the Overlapping with ten (10) calendar days of its completion.
 - d) Such notice as required in Section IV.F.2.a, Section IV.F.2.b, and Section IV.F.2.c above will be provided using the CPS Energy Application for Pole Attachment Form, provided in Appendix B and available at www.cpsenergy.com/poleattachments and shall identify:
 - (i) Application Form specifying the Poles and Attachments subject to Overlapping;
 - (ii) Total diameter and estimated weight of the existing Communications Facilities subject to Overlap;
 - (iii) Diameter and estimated weight of the added Communications Facilities;
 - (iv) Owner of the Communication Facilities;



- (v) Total estimated diameter and weight of the Communications Facilities after the Overlash;
 - (vi) Applicable PLA documents, if any; and
 - (vii) Applicable Make-Ready Electrical Construction engineering design documents, if any.
3. **CPS Energy Review of Application.** All provisions of Section IV.B.3 shall be applicable to Applications considered under the Competitive Provider – Standard Process for Overlapping Existing Attachments, except as provided below:
- a) Where no Make-Ready Electrical Construction is required, CPS Energy shall review and provide written Notices to Proceed in accordance with the provisions of Section IV.F.2.a and Section IV.F.2.b above.
 - b) Where Make-Ready Electrical Construction is required, the provisions of Section IV.B.3 shall apply.
4. **Make-Ready Electrical Construction.** If required, all provisions of Section IV.B.4 shall be applicable to Make-Ready Work Electrical Construction for Applications considered under the Competitive Provider – Standard Process for Overlapping Existing Attachments.
5. **Make-Ready Communication Construction – One Touch Transfers.** If required, all provisions of Section IV.B.5 shall be applicable to Make-Ready Communications Construction for Applications considered under the Competitive Provider – Standard Process for Overlapping Existing Attachments regarding One-Touch Transfers.
6. **Make-Ready Communication Construction - Complex Transfers.** If required all provisions of Section IV.B.6 shall be applicable to Make-Ready Communications Construction for Applications considered under the Competitive Provider – Standard Process for Overlapping Existing Attachments regarding Complex Transfers.
7. **Notice of Attachment Completion and Acceptance.** All provisions of Section IV.B.7 shall be applicable to Notice of Attachment Completion and Acceptance for Applications considered under the Competitive Provider – Standard Process for Overlapping Existing Attachments.
8. **Post Construction Inspection.** All provisions of Section IV.B.8 shall be applicable to Post Construction Inspection for Applications considered under the Competitive Provider – Standard Process for Overlapping Existing Attachments.



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SECTION V. SPECIFICATIONS FOR WIRELESS INSTALLATIONS



V. SPECIFICATIONS FOR WIRELESS INSTALLATIONS

A. Wireless Installation Application Process

CPS Energy offers Wireless Providers access to Poles and Overhead Streetlight Poles for the purpose of attaching Wireless Installations pursuant to the Application processes outlined in Figure E listed below. The technical specifications for Wireless Installations are found in Appendix D, Appendix G, and Appendix I. Additional information, including the Application Forms for a Wireless Installation, may be downloaded at www.cpsenergy.com/poleattachments.

Process Step	Standard Process for Wireless Installations
Process Criteria	Default Process for Competitive Providers, CMRS Providers, & Infrastructure Providers
Make-Ready Electrical Engineering (MREE)	Attaching Entity
Application Review Period	30 Days
Make-Ready Electrical Construction (MREC)	CPS Energy
Make-Ready Wireless Installation Construction (MRWIC): 1-Touch Transfer-Simple	Attaching Entity
MRWIC: Complex-Transfer	Attaching Entity
Post-Construction Inspections	CPS Energy
Control over Contractors	Attaching Entity & CPS Energy

Figure E: Wireless Installation Application Process

B. Standard Process for Wireless Installations

A high-level workflow of the Application review process, provided the Wireless Installations (excluding Mid-Span Installations), provided the Wireless Installation system has completed the Pre-Certified Equipment process pursuant to Section III.A.14, for the Standard Process for Wireless Installations on or supported by CPS Energy Poles and Overhead Streetlight Poles, is illustrated in Figure F below.

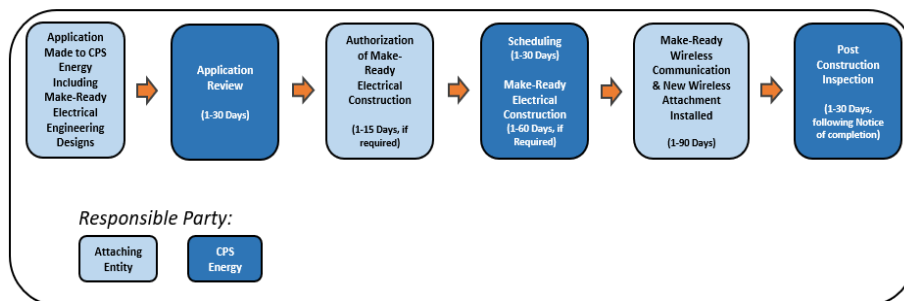


Figure F: Standard Process for Wireless Installations following Pre-Certification

1. **Eligibility.** A Wireless Provider with a valid Wireless Installation Agreement or combination of Pole Attachment Agreement and Wireless Addendum is eligible to elect to install Wireless Installations under this process.
2. **Application for Permit Required.** A Wireless Provider shall not install any new Wireless Installation on any CPS Energy Pole or Overhead Streetlight Pole, without first submitting an Application, and obtaining a Permit pursuant to the requirements and procedures set forth below and elsewhere in these Standards.
 - a) **Application Form.** All Wireless Providers shall use the Application for Wireless Installation form, provided in Appendix B and available for download at www.cpsenergy.com/poleattachments, which may be amended from time to time, provided that any such amendments are consistent with Applicable Engineering Standards and are applied to similar types of Wireless Installations and similarly situated Attaching Entities on a non-discriminatory basis.
 - i) A single Application may include up to a maximum of thirty (30) Wireless Installation sites, together with the applicable Poles or Overhead Streetlight Poles, provided that the Wireless Installation at each of the pole sites falls within the identified boundaries of a Wireless Project Area and is consistent with an approved



Request for Pre-Certification Wireless System Form and Wireless Equipment design configuration.

- ii) CPS Energy's acceptance of the submitted design documents required as part of a complete Application form (Section V.B.2.d) does not relieve the Wireless Provider of full responsibility for any errors and/or omissions in the engineering analysis and compliance with all Applicable Engineering Standards.
- b) Pole Ownership. For the purposes of Application submittal, unless CPS Energy records and/or Poles indicate otherwise, CPS Energy shall be presumed to be the owner all Poles subject to Attachment. The Wireless Provider is responsible for field verifying Pole ownership and notifying CPS Energy of any discrepancies between CPS Energy's maps/records and the actual Poles in the field.
- c) Compliance with Standards. Wireless Provider shall comply with the Texas Engineering Act at Section 1001.001, et seq., of the Texas Occupations Code to the extent it is applicable to the work described herein, and with the most current version of the National Electrical Safety Code (NESC), including any and all revisions to both, and all other Applicable Engineering Standards. The Wireless Provider shall certify its compliance with the above on each Application it submits to CPS Energy for processing. The certification statement shall be signed by an employee or agent of the Wireless Provider who has the final authority or responsibility to approve the Application. CPS Energy will not process an Application that fails to provide the signed certification statement included therein. The Wireless Provider shall provide documentation, sealed by an Engineer, establishing that the Wireless Provider's applicable Make Ready Electrical Construction design and Pole Loading Analysis (PLA) documents comply with all requirements specified by the NESC and the Applicable Engineering Standards.
 - i) *Pole Loading Analysis (PLA)*. A Wireless Provider, in connection with an Application, must comply with the PLA methodology described herein and in Appendix G. Acceptable software for use of PLA shall be a commercially available product with general industry acceptance. Should the Wireless Provider utilize a commercially available software application that CPS Energy does not possess; the Wireless Provider shall make available to CPS Energy at least one software license for CPS Energy use at the Wireless Provider's expense, subject to CPS Energy's Information Technology requirements. The Wireless Provider will gather the physical and technical information for the requested Pole or Overhead Streetlight Pole, Wireless Equipment, and wire Attachment associated with the Wireless



Installation required to conduct a PLA as described in Appendix G, with assistance as required from CPS Energy.

- d) Submission of Application. Completed Applications may be submitted by either U.S. mail, electronically to poleapplications@cpsenergy.com, or other means mutually agreeable by CPS Energy and the Wireless Provider. The Application shall include:
- i) Upon request, a complete Application with all applicable supporting documents, tests, reports, applications, permit numbers, and license numbers;
 - ii) Upon request, a copy of an approved Request for Pre-Certification of Wireless System form for the type of Wireless Installation proposed;
 - iii) A copy of the Safety Briefing for the type of Wireless Installation proposed;
 - iv) Engineering design documents created using the ANSI/SCTE Graphic Symbols Drawing Standards, prepared or reviewed by an Engineer, and including a detail description of the Wireless Installation in compliance with all Applicable Engineering Standards, all detailed design documents for any required Make-Ready Electrical Construction, and the Wireless Provider's estimated cost of any proposed Make-Ready Electrical Construction;
 - v) Upon request, the proposed deployment plan for the proposed Wireless Project Area, including a description of how the Wireless Installation will be served with electricity and backhaul broadband telecommunications transport service;
 - vi) A copy of an approved CPS Energy application for electric service showing the electricity account number for the Wireless Installation, or a CPS Energy letter identifying an existing electricity account number that will service the Wireless Installation upon completion of construction;
 - vii) Report certifying compliance with FCC OET Bulletin 65 signage requirements and the location of such signage on the Pole or Overhead Streetlight Pole, if applicable;
 - viii) PLA worksheets and results, as required by Appendix G;
 - ix) Relevant Pole or Overhead Streetlight Pole identification data and equipment tagging information; and
 - x) If applicable, a Waiver Request form, as described in Section III.A.6.



Such Application shall be prepared by, or under the authority of, the Wireless Provider. The detailed design documents” referenced in this Section V.B.2.d.iv will be undertaken and completed in design tools to be determined by CPS Energy. All actions pursuant to this Section V.B.2.d shall be at the Wireless Provider’s cost and risk.

3. **CPS Energy Review of Application.** CPS Energy will respond to each completed Application and Make-Ready Engineering design documents submitted by the Wireless Provider within thirty (30) calendar days of receipt. Should CPS Energy be required to return an Application for clarification or modification, the time required for the Wireless Provider to address the concerns raised and return the Application shall not count against the thirty (30) calendar day period. An Application for a DAS System supporting wire Attachments that provide fiber backhaul transport service shall highlight the path back to a Slab-Mounted Equipment Cabinet or larger enclosures located on private property and identify the Poles and/or Overhead Streetlight Poles supported by such backhaul transport facilities that are part of the DAS system. CPS Energy will process the backhaul transport Attachments that correspond with the Application pursuant to Section IV.B. Any Application that does not conform to the requirements provided in Section V.B.2.d and the Applicable Engineering Standards will be deemed incomplete and immediately rejected by CPS Energy. If an Application is rejected as incomplete, the Wireless Provider will be provided with a detailed description of changes, modifications, or revisions to the Application necessary for CPS Energy’s review and approval within ten (10) calendar days of receipt of the Application.

In the event CPS Energy does not finalize its review of a complete Application within thirty (30) calendar days, CPS Energy may impose a one-time, additional ten (10) calendar day extension period in which to complete its review for each Application. CPS Energy shall provide the Wireless Provider with seven (7) calendar days’ prior notice that it intends to exercise its option to impose the extension period. A Wireless Installation shall never be installed without the affirmative written consent of CPS Energy and issuance of a Permit.

- a) **Review.** In making its decision as to whether to issue a Permit, CPS Energy will consider engineering and safety requirements, in accordance with the Applicable Engineering Standards set forth in Section II.A.4. In addition, CPS Energy shall consider Capacity constraints, including the future needs of CPS Energy as determined in accordance with the Reserved Capacity provisions set forth in Section II.H.10, flood zone requirements, in-flight CPS Energy projects, and other circumstances known at the time that would directly affect the engineering, safety requirements, and Capacity constraints associated with desired Poles or Overhead Streetlight Poles. Specifically, CPS Energy will not consider a pole-mounted



Wireless Installation on a pole that is subject to a pending Wireless Installation Application or which is already hosting a Wireless Installation. Other Capacity constraints may impact approval of a Wireless Installation Application as described in Section V.B.3.f.

- b) Make-Ready Electrical Construction. In the event a Wireless Provider's proposed Application requires CPS Energy to undertake and complete Make-Ready Electrical Construction to accommodate the Wireless Provider's request, CPS Energy will review the detailed design documents and the cost estimate for this Make-Ready Electrical Construction work provided by the Wireless Provider. Following CPS Energy's approval of the Make-Ready Electrical Construction design and review of the estimated Make-Ready Electrical Construction costs, CPS Energy may, at its discretion, revise the cost estimate to more accurately reflect the anticipated cost of the work. CPS Energy will then submit this estimate of the cost of Make-Ready Electrical Construction to the Wireless Provider utilizing the CPS Energy Authorization for Make-Ready Work form, provided in Appendix B, for approval from the Wireless Provider to proceed. The Wireless Provider shall approve and make advanced payment of this cost estimate, in order for any Make-Ready Electrical Construction to proceed in accordance with the provisions of Section II.1.3. The Wireless Provider shall have fifteen (15) calendar days following the issuance of the CPS Energy Authorization for Make-Ready Work invoice to approve the estimate and provide payment. Failure of the Wireless Provider to respond to CPS Energy or return the CPS Energy Authorization for Make-Ready Work invoice within the fifteen (15) calendar day period will result in the Application being cancelled by CPS Energy, with all applicable Application Fees being non-refundable.
- c) Changes Required. If CPS Energy describes any changes, modifications, or revisions to the proposed Make-Ready Electrical Construction design documents pursuant to this Section V.B.3, CPS Energy shall notify the Wireless Provider in writing. Upon receipt of such notice, the Wireless Provider may notify CPS Energy in writing that it agrees to the changes, modifications, or revisions to the proposed Make-Ready Electrical Construction required by CPS Energy, in which case the Wireless Provider may resubmit the Application as amended and it shall be deemed granted; or the Wireless Provider may propose alternative changes, modifications, or revisions consistent with Applicable Engineering Standards by resubmitting the Application with such other alternative proposals, provided that such resubmission explains the reasons for the alternative proposals and addresses all concerns raised by CPS Energy in response to the initial Application. The alternative proposals shall not be the original Make-Ready Engineering design documents rejected by CPS Energy.



CPS Energy shall have thirty (30) calendar days of receipt thereof to provide the Wireless Provider with:

- (i) Notification that access is granted based on the alternative proposals; or
- (ii) A detailed description of any changes, modifications, or revisions to the alternative proposal necessary to comply with safety, reliability, or generally applicable engineering practices or standards.

In the event CPS Energy fails to complete its review within thirty (30) calendar days of the resubmitted Application containing the alternative proposals for Make-Ready Electrical Construction, CPS Energy may impose an additional ten (10) calendar day extension period in which to complete its review of the resubmitted Application. CPS Energy shall provide the Wireless Provider with seven (7) calendar days' prior notice that it intends to exercise its option to impose the extension period. A Wireless Installation shall never be installed without the affirmative written consent of CPS Energy and the issuance of a Permit.

- d) Compliance by Wireless Provider. CPS Energy's acceptance of the submitted Make-Ready Electrical Construction design and engineering documents does not relieve the Wireless Provider from compliance with the requirements of the Texas Engineering Act, the National Electrical Safety Code, and all other Applicable Engineering Standards as required by this Standard.
- e) Application Approval.
 - (i) If Make-Ready Electrical Construction Is Required. After acceptance of all necessary revisions, CPS Energy will issue to the Wireless Provider the CPS Energy Authorization for Make-Ready Work, a copy of which is in Appendix B. The Wireless Provider shall comply with the provisions of Section V.B.4.
 - (ii) If Make-Ready Electrical Construction Is Not Required. After acceptance of all necessary revisions to the Application, CPS Energy will issue to the Wireless Provider the CPS Energy Notice to Proceed, a copy of which is in Appendix B. The Wireless Provider shall comply with the provisions of Section V.B.4.e.
- f) Treatment of Multiple Requests for Poles in the Same General Area.
 - (i) One Wireless Installation Per Pole. CPS Energy will not authorize more than one Wireless Installation per Pole or Overhead Streetlight Pole. Pole assignments for Wireless Installation Applications shall be considered on a "first-come, first-served", non-discriminatory basis. Should a Wireless Provider fail to install a Wireless Installation within the allotted time frame, the



requested Pole or Overhead Streetlight Pole will be released and made available to another Wireless Provider upon request as further described in Section V.B.3.f.i. Multiple requests to install Wireless Installations in the same general area will be treated as described Section V.B.3.f.ii. The treatment DAS System Antenna node installations in potential conflict with other Wireless Installations is described in Section V.B.3.f.iii. Requests for pole assignments as part of a neutral host DAS System shall not be considered as multiple requests for the same poles, provided, however, that such requests will only be considered when the Infrastructure Provider has obtained contractual commitments from multiple CMRS Providers to jointly occupy the DAS System.

- a. If CPS Energy issues a Permit and the Wireless Provider fails to install the Wireless Installation in compliance with Section V.B.4.f., CPS Energy will make available the requested Pole or Overhead Streetlight Pole to another Wireless Provider that may have expressed an interest in the affected pole.
 - b. In situations where CPS Energy receives multiple Wireless Installation Applications for Poles within the same general area from different Wireless Providers, CPS Energy will limit a Wireless Provider to only one Wireless Installation for every six (6) contiguous Poles and/or Overhead Streetlight Poles. Under no circumstances, will a Wireless Provider be allowed to reserve a Pole or Overhead Streetlight Pole for future use.
 - c. Regarding a DAS System, an Antenna node shall not be attached on a Pole that already hosts a pole-mounted Wireless Installation and vise-versa.
- (ii) Mid-Span Installations Exempted. The provisions of the subsection V.B.3.f, do not apply to Mid-Span Installations. Rather, an Attaching Entity may install a Mid-Span Installation next to a Pole or Streetlight Pole on which a small cell Wireless Installation has been attached, provided the Riser that protects the coaxial cable that energizes and provides connectivity to the strand-mounted micro network node component of the Mid-Span Installation is installed on a Pole other than the pole structure that hosts the Wireless Installation.



4. **Make-Ready Electrical Construction.** If Make-Ready Electrical Construction is required to accommodate a Wireless Installation, CPS Energy or its contractors shall perform such work at Wireless Provider’s expense as provided in Section V.B.3, Section V.B.5.e, and Appendix B.
- a) **Advance Payment.** Upon execution of CPS Energy Authorization for Make-Ready Work by a Wireless Provider, CPS Energy shall schedule the Make-Ready Electrical Construction. Pursuant to Sections II.I.3., CPS Energy shall require payment in advance for any Make-Ready Electrical Construction to be performed by CPS Energy or its contractors based upon the estimated cost of such work.
 - b) **Work Performed by CPS Energy or CPS Energy Contractor.** Make-Ready Electrical Construction shall be performed only by CPS Energy and/or a contractor authorized by CPS Energy to perform such work. Prior to commencement of Make-Ready Electrical Construction and upon receipt of advance payment, CPS Energy will schedule a work order within thirty (30) calendar days. CPS Energy will strive to perform the Make-Ready Electrical Construction to accommodate an Attaching Entity’s Communications Facilities within sixty (60) calendar days. CPS Energy shall provide to the Wireless Provider as soon as possible the estimated schedule for completing the Make-Ready Electrical Construction. In the event that CPS Energy is unable to complete the Make-Ready Electrical Construction within the sixty (60) calendar day period, a Wireless Provider may request in writing to CPS Energy the use of temporary Wireless Installation by submitting a Request for Temporary Attachment form, a copy of which is available at www.cpsenergy.com/poleattachments and located in Appendix B. Upon receiving this written request, CPS Energy shall coordinate with the Wireless Provider on a non-discriminatory basis to determine all reasonable means to accommodate the temporary Wireless Installation request subject to compliance with the Applicable Engineering Standards.¹² Any temporary Wireless Installations must be removed and properly installed upon the completion of the Make-Ready Electrical Construction. The cost to install and remove a temporary Wireless Installation shall be borne by the Wireless Provider.
 - c) **Work Schedule.** In performing all Make-Ready Electrical Construction to accommodate a Wireless Provider’s Wireless Installations, CPS Energy will include such work in its normal work schedule on a non-discriminatory basis. In the event the Wireless Provider requests that the Make-Ready Electrical Construction be performed on a priority basis or outside of CPS Energy’s normal work hours, the

¹² NESC, Rule 013B4 and Rule 014, C2-2017.



Wireless Provider shall pay the appropriate increased costs. Nothing herein shall be construed to require performance of any Wireless Provider's work before other scheduled work, CPS Energy service restoration, or other Emergency work.

- d) Notifying Other Attaching Entities. Prior to commencing Make-Ready Electrical Construction, CPS Energy shall provide no less than ten (10) calendar days' written notice to the Wireless Providers, if any, on the affected pole structure of the impending work. Such written notice shall be provided through NJUNS.
- e) Notice to Proceed. Following completion of the Make-Ready Electrical Construction, CPS Energy will issue a CPS Energy Notice to Proceed, a form of which is provided in Appendix B, to the Wireless Provider (applicant) in writing that the Pole or Overhead Streetlight Pole is available for Make-Ready Wireless Installation Construction. When applicable, the Wireless Provider shall proceed to install its Wireless Installations utilizing the One-Touch Transfer Process described in Section V.B.5. below. Whenever the transfer of an Attachment would require the cutting or splicing of the Communication Facility, the Complex Transfer Process in Section V.B.6. below shall apply.
- f) Failure to Attach. A Wireless Provider must exercise the right granted by the CPS Energy Notice to Proceed within ninety (90) calendar days of issuance of the Notice to Proceed. If needed, the Wireless Provider may request in writing to CPS Energy an additional thirty (30) calendar day extension of the effective period of the Notice to Proceed. The request for this extension must be received by CPS Energy no later than seven (7) calendar days before the expiration date provided in the Notice to Proceed. In considering this request, CPS Energy will review past construction practices of the Wireless Provider and current efforts underway to complete the installation for which the extension was requested. CPS Energy will provide a written response to the request for extension within three (3) calendar days of receiving the request. CPS Energy, at its discretion, may not consider any requests for extension received within seven (7) calendar days of the expiration of the Notice to Proceed.
 - (i) Failure to install a Wireless Installation within the effective period of the Notice to Proceed, or extended period if granted by CPS Energy, will result in expiration of the Application and the forfeiture of the applicable Application Fees and any payments made for Make-Ready Work already completed. Following expiration of an Application, should the Wireless Provider wish to continue to install the Wireless Installation subject to the expired Application, the Wireless Provider must submit a new Application covering the same Wireless Installation including all appropriate Application Fees.



- (ii) CPS Energy and the Wireless Provider shall determine a mutually-agreeable schedule for the completion of the Make-Ready Work should an issue of Force Majeure, as described in the Wireless Installation Agreement, be asserted by either party.

5. **Make-Ready Wireless Installation Construction – One Touch Transfer.** The transfer of third-party Attachments, whether conducted by a Wireless Provider or CPS Energy, in order to accommodate a Wireless Installation, shall be part of the One-Touch Transfer Process as further described herein. Pursuant to these Standards, under the One-Touch Transfer Process, a Wireless Provider permitted to make a Wireless Installation may transfer or rearrange the Attachments of one or more Attaching Entities in the Communications Space of a distribution Pole as may be necessary to accommodate the new Wireless Installation contingent upon compliance with requirements identified in this Section V.B.5. All One-Touch Transfers conducted by a Wireless Provider or CPS Energy must comply with the following requirements:

- a) **Simple Transfers Only.** One-Touch Transfers shall be limited to the rearrangement or transfer of a third-party Attachment on an existing Pole and Mid-Span Installation suspended by a Messenger cable between two Poles. Such Attachment or Mid-Span Installation may be rearranged within an existing Pole or transferred onto a replacement Pole, provided the affected Attachment or Mid-Span Installation (along with any supporting Communication Facility or Overlash) is not subject to cutting and splicing and any affected Mid-Span Installation is not severed from the Communication Facility providing connectivity.
- b) **Certified Contractors.** A Wireless Provider must engage qualified contractors approved by CPS Energy pursuant to a certification program developed by CPS Energy with the input of Wireless Providers.
- c) **Applicability to CPS Energy.** CPS Energy’s communications wires or facilities installed in the Communication Space of a Pole will also be subject to the One-Touch Transfer Process.
- d) **One-Touch Transfers Subject to Applicable Engineering Standards.** All Make-Ready Wireless Installation Construction performed under the One-Touch Transfer Process shall meet all Applicable Engineering Standards, including CPS Energy’s clearance standards. As part of the Make-Ready Wireless Installation Construction, a Wireless Provider may modify one or more Attachments on a Pole and any Mid-Span Installation suspended from a Messenger cable between two Poles, by relocating said Attachments/Messengers within an existing Pole or transferring the



Attachments/Messengers onto a replacement Pole, as necessary to accommodate the Wireless Installation. Applications that include Make-Ready Wireless Installation Construction and One-Touch Transfers that fail to meet Applicable Engineering Standards will be rejected by CPS Energy.

- e) Cost Responsibility. With the exception of instances, where in the sole judgement of CPS Energy, a Pole is identified as defective, in which case CPS Energy will be responsible for the cost to replace such defective Pole, the Wireless Provider shall pay all costs of Make-Ready Wireless Installation Construction associated with One-Touch Transfers as described below:
- (i) Where the Pole includes one or more third-party Attachment(s) that fail to meet Applicable Engineering Standards but otherwise there is enough space on the Pole to accommodate the Wireless Provider's Wireless Installation, Make-Ready Work will not include the transfer of the third-party Attachment(s), unless the lowest Attachment on the Pole fails to meet NESC clearance standards and/or poses a public safety hazard. In this specific case, the Wireless Provider shall notify CPS Energy, who will notify the owner of the non-compliant Attachment that the Attachment is non-compliant with the Applicable Engineering Standards or presents a Safety Violation in accordance with the provisions of Section II.K.3. The Wireless Provider requesting the Wireless Installation will not be allowed to undertake the installation of the Wireless Installation until the non-compliant Attachment is remedied.
 - (ii) Where the Pole includes one or more third-party Attachment(s) that fail to meet Applicable Engineering Standards, and in order to accommodate the Wireless Provider's Wireless Installation on the same Pole, the third-party Attachment(s) must be rearranged, the cost of rearranging the third-party Attachment(s) will be included in Make Ready Work. Provided that if the lowest Attachment on the Pole fails to meet NESC clearance standards and/or poses a public safety hazard, the Wireless Provider may recover the cost to bring such Attachment into compliance from the owner of that Attachment, but no others.
 - (iii) Where the Pole includes one or more third-Party Attachment(s) that fail to meet Applicable Engineering Standards, and in order to accommodate the Wireless Provider's Wireless Installation, a new Pole must be installed, the cost of the new Pole and the transfer of the third-party Attachment(s) will be included in the Make-Ready Work.
 - (iv) Where the Pole includes one or more third-party Attachment(s) that meet Applicable Engineering Standards, and otherwise there is enough space on the

Pole to accommodate the Wireless Provider's Wireless Installation, Make-Ready Work will not include the transfer of the third-party Attachment(s).

- (v) Where the Pole includes one or more third-party Attachment(s) that comply with Applicable Engineering Standards, and in order to accommodate the Wireless Provider's Wireless Installation on the same Pole, the third-party Attachment(s) must be rearranged, the cost of rearranging the third-party Attachment(s) will be included in Make-Ready Work.
- (vi) Where the Pole includes one or more third-party Attachment(s) that comply with Applicable Engineering Standards, and in order to accommodate the Wireless Provider's Wireless Installation, a new Pole must be installed, the cost of the new Pole and the transfer of the third-party Attachment(s) will be included in Make-Ready Work.
- f) Notice of Transfer. A Wireless Provider shall provide all third-parties affected by a proposed One-Touch Transfer with advance written notice of such One-Touch Transfer no less than twenty-one (21) calendar days prior to undertaking such One-Touch Transfer. This notice shall be provided using NJUNS to a duly designated representative of the affected Attaching Entity, unless another method of notice is prescribed by CPS Energy. Such notice shall identify the specific Pole subject to the Wireless Installation and affected by such One-Touch Transfer. The Wireless Provider that desires to utilize the One-Touch Transfer Process shall bear the responsibility of determining the appropriate representative for each Attaching Entity affected by the Wireless Provider's implementation of the One-Touch Transfer Process.
- g) Critical Communication Facilities. If an affected Attaching Entity, in its reasonable discretion, determines that a proposed One-Touch Simple Transfer poses a risk of disconnection or interruption of service to a Critical Communications Facility, the affected Attaching Entity shall notify the requesting Wireless Provider and CPS Energy in writing within ten (10) calendar days of receiving the notice of transfer described in Section V.5.f. The affected Attaching Entity is obligated to make the requested transfer of its Critical Communication Facilities within fifteen (15) calendar days of providing such notice. Failure to transfer the Critical Communications Facilities in a timely manner will subject the Critical Communications Facilities to the One-Touch Transfer Process.
- h) Post-Transfer Notice. Within fifteen (15) calendar days following the completion of a One-Touch Transfer, the Wireless Provider shall send written notice of the One-Touch Transfer and as-built reports to each affected Attaching Entity. Within thirty

(30) calendar days of receipt of these as-built reports, the Attaching Entity that owns the Communications Facilities that were transferred or relocated may conduct an inspection at the expense of the Wireless Provider who moved the facilities. If the One-Touch Transfer failed to meet all Applicable Engineering Standards, the owner of the Communications Facilities subject to transfer or relocation will notify the Wireless Provider responsible for the One-Touch Transfer of any deficiency, which will be corrected within fifteen (15) calendar days following receipt of such written notice at the expense of the Wireless Provider responsible for the One-Touch Transfer. The Wireless Provider responsible for the One-Touch Transfer shall pay the actual, reasonable, and documented inspection expenses incurred by the owner of the Communication Facilities subject to transfer or relocated, within forty-five (45) calendar days of receipt of an invoice. Failure of the owner of the relocated Attachment to undertake and complete the inspection with the thirty (30) calendar day period shall be deemed acceptance of the One-Touch Transfer.

- i) Attaching Entity's Attachments Subject to One-Touch Transfer by Wireless Providers. An Attaching Entity's Communications Facilities shall be subject to the One-Touch Transfer Process conducted by a Wireless Provider or CPS Energy pursuant to the same terms and conditions prescribed in this Section V.B.5. and in Appendix H.

6. Make-Ready Wireless Installation Construction - Complex Transfers.

- a) Responsibility for Complex Transfers. The accomplishment of a Complex Transfer is considered part of Make-Ready Wireless Installation Construction and shall be performed by the Attaching Entity which owns the Attachment subject to transfer. It is the responsibility of the Wireless Provider requesting the Complex Transfer to negotiate a private process with the affected Attaching Entity to accomplish the Complex Transfer. The cost of the Complex Transfer shall be borne by the requesting Wireless Provider.
- b) Complex Transfers Escalation Process. In the event a Wireless Provider refuses to reach agreement on a process for the expedient transfer of an Attachment or Wireless Installation subject to a Complex Transfer, the requesting Wireless Provider may rely on the following escalation procedures. At any time during these escalation procedures, the requesting Wireless Provider and the owner of the Attachment or Wireless Installation subject to the Complex Transfer may reach agreement on a voluntary transfer process. In such event, the requesting Wireless Provider shall notify CPS Energy in writing of this agreement.



- (i) Level 1: Initial Request for Complex Transfer (Days 0 to 30)
 - a. Initial Notice Letter. The requesting Wireless Provider shall provide written notice to owner of the Attachment or Wireless Installation subject to Complex Transfer requesting the transfer of such Attachment using NJUNS with a copy to CPS Energy. The Attaching Entity which owns such Attachment or Wireless Installation shall perform the transfer within thirty (30) calendar days of receipt of notice from the requesting Wireless Provider.
- (ii) Level 2: Initial Escalation Process (Days 31 to 60)
 - a. Escalation Notification. If the owner fails to transfer the Attachment or Wireless Installation subject to Complex Transfer within the initial thirty (30) calendar days, the requesting Wireless Provider shall send a certified letter notifying the non-compliant Attaching Entity that failure to transfer the Attachment or Wireless Installation within a subsequent thirty (30) calendar days (escalation period) of receipt of notice will result in the Attachment or Wireless Installation in question being designated by CPS Energy as non-compliant with the Complex Transfer Process and subject to penalty, as described in Appendix H, on the basis of interference with the requesting Wireless Provider's permitted Attachment rights. The requesting Wireless Provider shall send CPS Energy a copy of the escalation letter and all other correspondence between the parties related to this matter.
 - b. Duty to Negotiate. The requesting Wireless Provider is required to continue negotiations with the non-compliant Attaching Entity during the thirty (30) calendar day escalation period. Absent extraordinary circumstances, the non-compliant Attaching Entity's failure to transfer the Attachment or Wireless Installation subject to Complex Transfer by the end of the thirty (30) calendar day escalation period shall be considered a lack of cooperation on the part of the non-compliant Attaching Entity. Conversely, absent extraordinary circumstances, a refusal by the requesting Wireless Provider to agree to an alternative process for the transfer of the Attachment or Wireless Installation in question within a reasonable date certain shall be considered a lack of cooperation on the part of the requesting Wireless Provider.
 - c. Notice of Success Complex Transfer. If the non-compliant Attaching Entity transfers the Attachment or Wireless Installation subject to Complex Transfer within the thirty (30) calendar day escalation period, or the requesting Wireless Provider transfers the Attachment or Wireless



Installation by mutual agreement of the parties, no further escalation will be necessary.

(iii) Level 3: CPS Energy Finding of Non-Compliant Attachments (Days 61 to 90)

- a. Request for Finding of Non-Compliant Attachments or Wireless Installations. If the requesting Wireless Provider and the non-compliant Attaching Entity cannot reach agreement and the non-compliant Attaching Entity fails to transfer the Attachment or Wireless Installation subject to Complex Transfer within the thirty (30) calendar day escalation period; the requesting Wireless Provider within five (5) calendar days thereafter shall notify CPS Energy in writing, provide a short summary of efforts to negotiate the rearrangement or transfer of the Attachment or Wireless Installation in question, and request CPS Energy to make a finding of Non-complaint Attachment or Wireless Installation on the basis of interference with the requesting Wireless Provider's permitted attachment rights. The request shall explain why the requesting Wireless Provider believes the non-compliant Attaching Entity is acting in bad faith.
- b. Notification of Non-Compliant Attachments. Within ten (10) calendar days of receiving the request for a finding of non-compliant Attachment or Wireless Installation, CPS Energy will evaluate the request and if it finds the request credible; CPS Energy will:
 - (1) Notify the non-compliant Attaching Entity by certified mail that CPS Energy has determined the Attachment or Wireless Installation subject to Complex Transfer is declared as either a "Non-compliant Attachment" or "Non-compliant Wireless Installation," as appropriate;
 - (2) The non-conforming Attaching Entity will begin accruing penalties as provided in Appendix H of these Standards until the non-compliant Attachment or non-compliant Wireless Installation is transferred; and
 - (3) CPS Energy will suspend the processing of the non-compliant Attaching Entity's Applications effective five (5) days after receipt of the certified letter.

Thereafter, the non-compliant Attaching Entity will have fifteen (15) calendar days in which to transfer the non-compliant Attachment or non-compliant Wireless Installation and notify CPS Energy in writing in order to reinstate the processing of Applications. If the non-compliant Attaching Entity fails to transfer the non-compliant Attachment or non-compliant



Wireless Installation within the twenty (20) calendar day grace period, the non-compliant Attachment or non-compliant Wireless Installation will be subject to further penalties and transfer as provided in Section III.E and Appendix H. CPS Energy will reinstate the processing of the non-compliant Attaching Entity's Applications upon receipt of written notification of the transfer of the non-compliant Attachment or non-compliant Wireless Installation and the payment of all assessed penalties.

- c. Duty to Negotiate. The requesting Wireless Provider is required to continue negotiations with the non-compliant Attaching Entity which owns the non-compliant Attachment or Wireless Installation during the twenty (20) calendar day grace period.
 - d. Notice of Transfer. If the non-compliant Attaching Entity transfers the non-compliant Attachment or non-compliant Wireless Installation within the twenty (20) calendar day grace period, or the requesting Wireless Provider transfers the non-compliant Attachment or non-compliant Wireless Installation by mutual agreement of the parties, the moving party shall notify CPS Energy by electronic message, CPS Energy shall reinstate processing of the non-compliant Attaching Entity's Applications within twenty-four (24) hours of receiving payment of all outstanding penalties.
 - e. Stop Processing Applications. If CPS Energy does not receive written notification of the transfer of the non-compliant Attachment or non-compliant Wireless Installation by the end of the twenty (20) calendar day grace period, CPS Energy shall stop processing the non-compliant Attaching Entity's Applications pending further written notice of a successful transfer and the payment of all outstanding penalties.
- (iv) Level 4: Transfer or Removal of Unauthorized Attachments (Days 91 and Beyond)
- a. Notification of Failed Transfer. If the parties fail to negotiate the successful transfer of the non-compliant Attachment or non-compliant Wireless Installation, the requesting Wireless Provider shall promptly notify CPS Energy in writing of the failed attempt and explain the reasons for the unsuccessful transfer.
 - b. Notification of Transfer of Non-Compliant Attachments. Following receipt of the notification of failed transfer, CPS Energy shall promptly proceed to transfer the non-compliant Attachment or non-compliant Wireless Attachment at the respective owner's expense. Following the transfer of



the non-compliant Attachment or non-compliant Wireless Attachment, CPS Energy will provide written notification of the transfer to the non-compliant Attaching Entity within twenty-four (24) hours. CPS Energy shall reinstate processing of the non-compliant Attaching Entity's Applications within twenty-four (24) hours of receiving payment for the transfer cost and all outstanding penalties.

- c. Notice of Transfer. In the event the non-compliant Attaching Entity transfers the non-compliant Attachment or non-compliant Wireless Installation, or the requesting Wireless Provider transfers the non-compliant Attachment or non-compliant Wireless Installation by mutual agreement of the parties, prior to CPS Energy's transfer efforts, the moving party shall notify CPS Energy in writing. The non-compliant Attaching Entity shall be assessed a one-time fine as provided in Appendix H of these Standards. Thereafter, CPS Energy shall reinstate the processing of the non-compliant Attaching Entity's Applications within twenty-four (24) hours of receiving payment of all outstanding penalties.

7. Notice of Attachment Completion and Acceptance.

The Attaching Entity shall notify CPS Energy in writing by submitting the Completion of Attaching Entity Construction form, a copy of which is available at www.cpsenergy.com/poleattachments and in Appendix B, within ten (10) calendar days following the acceptance by all Attaching Entities whose facilities were rearranged or transferred pursuant to Section V.B.5 (Simple Transfer) and/or Section V.B.6 (Complex Transfers) that all Make-Ready Wireless Installation Construction has been completed and accepted, and that the new Wireless Installation and all Make-Ready Work are ready for CPS Energy to undertake Post-Construction Inspection.



8. Post-Construction Inspection.

- a) Construction Subject to Inspection. CPS Energy shall complete a Post-Construction Inspection of applicable Make-Ready Work at the Wireless Provider's expense within thirty (30) calendar days of receiving the Attaching Entity's notification set forth in Section V.B.7. CPS Energy will conduct the Post-Construction Inspections to evaluate compliance with the requested Permit, Applicable Engineering Standards, or other design and installation requirements. Completion of a Post-Construction Inspection by CPS Energy shall not in any way relieve any Wireless Provider or the Wireless Provider's insurers of any responsibility, duty, obligation, or liability under these Standards, any contractual agreement, or otherwise; nor does CPS Energy's ability to make Post-Construction Inspections relieve a Wireless Provider from its obligations to exercise due care in the installation of its Wireless Installations. The Post-Construction Inspection provision set forth in this Section V.B.8.a. does not affect any other inspection requirements elsewhere in these Standards. This section V.B.8. also applies to supplemental Post-Construction Inspections where the Attaching Entity reports "final corrections" of previously identified non-compliant work or locations as described in Section V.B.8.b. below.
- b) Compliance. In the event a Post-Construction Inspection conducted pursuant to Section V.B.8.a. reveals that corrections or other actions are required of a Wireless Provider, including without limitation those required for reasons of safety or structural integrity, the Wireless Provider shall make such required corrections or take the requested actions within thirty (30) calendar days after the date CPS Energy sends written notice. If CPS Energy determines in its reasonable judgment and discretion that the needed corrections rise to the level of an Emergency, CPS Energy may perform the necessary corrective work without providing notice, at the Wireless Provider's sole risk and cost plus ten-percent (10%). As soon as practicable thereafter, CPS Energy will advise the Wireless Provider of the work performed or the action taken.
- c) Issuance of Permit. Upon satisfactory completion of the Post-Construction Inspection, CPS Energy shall notify the Wireless Provider in writing that CPS Energy has approved the Wireless Installation identified in the Application by submitting to the Wireless Provider a Permit, a copy of which form is located in Appendix B, for said applicable Wireless Installation.



C. Standard Process for Strand-Mounted Mid-Span Installations

1. **Eligibility.** An Attaching Entity seeking only the deployment of Mid-Span Installations is eligible to make such installations, provided that it (a) has executed a Pole Attachment Agreement, and (b) follows the requirements of this Section V.C.
2. **Advance Notice of Mid-Span Installations Required.** Certain provisions of Section V.B.2. as modified below in subsection (a) to this section, shall apply to Notifications considered under this Section V.C. applicable to strand-mounted Mid-Span Installations, as well as, the provisions listed in Subsection V.C2.b) – c) below:
 - a) **For Mid-Span Installations.** An Attaching Entity shall provide CPS Energy with a Notification conforming to the requirements of subsection (a), in addition to the provisions of subsection (b) of this section, rather than an Application, not less than ten (10) calendar days before the proposed date of installation.
 - i) **Pole Ownership.** For the purposes of Notification submittal, unless CPS Energy records and/or Poles indicate otherwise, CPS Energy shall be presumed to be the owner all Poles or Overhead Streetlight Poles utilized to support a Mid-Span Installation. The Attaching Entity is responsible for field verifying pole ownership and notifying CPS Energy of any discrepancies between CPS Energy’s maps/records and the actual pole structures in the field.
 - ii) **Compliance with Standards.** An Attaching Entity shall comply with the Texas Engineering Act at Section 1001.001, et seq., of the Texas Occupations Code to the extent it is applicable to the work described herein, and with the most current version of the National Electrical Safety Code (NESC), including any, and all, revisions to both, and all other Applicable Engineering Standards. The Attaching Entity shall certify its compliance with the NESC and all Applicable Engineering Standards on each Notification it submits to CPS Energy for processing. The certification statement shall be signed by an employee or agent of the Attaching Entity who has the final authority or responsibility to approve the Notification. A Notification that fails to provide the signed certification statement included therein is invalid. If applicable, the Attaching Entity shall provide documentation, sealed by an Engineer, establishing that the Attaching Entity’s applicable Make Ready Electrical Construction design and Pole Loading Analysis (PLA) documents comply with all requirements specified by the NESC and the Applicable Engineering Standards.



- (1) *Pole Loading Analysis (PLA)*. An Attaching Entity, in connection with a Notification, must comply with the PLA methodology described herein and in Appendix G in the event it is necessary to replace a Pole or Overhead Streetlight Pole in order to accommodate a Mid-Span Installation. Acceptable software for use of PLA shall be a commercially available product with general industry acceptance. Should the Attaching Entity utilize a commercially available software application that CPS Energy does not possess; the Attaching Entity shall make available to CPS Energy at least one software license for CPS Energy use at the Attaching Entity's expense, subject to CPS Energy's information technology requirements. The Attaching Entity will gather the physical and technical information for the requested Poles or Overhead Streetlight Poles, Wireless Equipment, Overlash, and wire Attachment associated with the Mid-Span Installation required to conduct a PLA as described in Appendix G, with assistance as required from CPS Energy.

- iii) Submission of Notification. A complete Notification may be submitted by either U.S. mail, electronically to poleapplications@cpsenergy.com, or other means mutually agreeable by CPS Energy and the Attaching Entity. In addition to the requirements of Subsection V.C.2.b), the Notification shall include:
 - (1) Engineering design documents created using the ANSI/SCTE Graphic Symbols Drawing Standards, prepared or reviewed by an Engineer, and including a detail description of the Mid-Span Installation in compliance with all Applicable Engineering Standards, all detailed design documents for any required Make-Ready Communications Construction and Make-Ready Electrical Construction, and the Attaching Entity's estimated cost of any proposed Make-Ready Electrical Construction;
 - (2) A copy of an approved CPS Energy application for electric service showing the electricity account number for a new Slab-Mounted Equipment Cabinet that energizes and supports the Mid-Span Installation, or a CPS Energy letter identifying an existing electricity account number that will service a new Slab-Mounted Equipment Cabinet upon completion of construction;
 - (3) If applicable, PLA worksheets and results, as required by Appendix G; and
 - (4) If applicable, a Waiver Request form, as described in Section III.A.6.

- b) An Attaching Entity shall provide such notice as is required herein using the applicable Notification listed in the CPS Energy Pole Attachment Services Forms, provided in Appendix B and available at www.cpsenergy.com/poleattachments and shall identify,



provide, or demonstrate:

- i) The Poles and Messenger cable intended to support the proposed Mid-Span Installation, including equipment tagging information;
 - ii) The total diameter and estimated weight of the existing Messenger cable and Overlashed Communications Facility intended to support the proposed Mid-Span Installation;
 - iii) The dimensions and estimated weight of the proposed Mid-Span Installation;
 - iv) The owner of the Messenger cable;
 - v) The total weight of the Messenger cable supporting the proposed Mid-Span Installation and the Overlashed Communications Facility providing connectivity and energizing the proposed Mid-Span Installation;
 - vi) The path from the Mid-Span Installation to the Slab-Mounted Equipment Cabinet providing the power source energizing such installation;
 - vii) Applicable Make-Ready Work engineering design documents, if any; and
 - viii) That the proposed Mid-Span Installation meets all Applicable Engineering Standards.
- c) A Mid-Span Installation and associated equipment attached to or supported by a Messenger cable shall not exceed 25 pounds.
- d) The Slab-Mounted Equipment Cabinet from which a Mid-Span Installation is energized shall be metered.

3. CPS Energy Review of Notification; Construction; Permitting.

- a) Identification of Capacity, Safety, Reliability, or Engineering Issue. If, after CPS Energy receives a Notification of Mid-Span Installation, CPS Energy determines that the proposed Mid-Span Installation would create one or more capacity, safety, reliability, or engineering issues requiring correction, CPS Energy shall provide specific documentation of the issue or issues to the Attaching Entity seeking the Mid-Span Installation within the ten (10) calendar day notice period. CPS Energy will not charge a fee to the Attaching Entity seeking a Mid-Span Installation in connection with the submission, review, or processing of the Attaching Entity's Notification of Mid-



Span Installation.

- b) Attaching Entity Actions in Response to Identification of Issue Requiring Correction: CPS Energy Response. Upon receipt of CPS Energy's documentation of one or more capacity, safety, reliability, or engineering issues requiring correction in a proposed Mid-Span Installation, the Attaching Entity shall modify the proposed Mid-Span Installation to address the issue or issues CPS Energy has identified and shall provide CPS Energy with notice of the proposed means of correction through an amended Notification of Mid-Span Installation.
- c) Processing of Amended Notification of Mid-Span Installation. If the Attaching Entity submits an amended Notification of Mid-Span Installation, CPS Energy shall have five (5) business days in which to review the amended Notification of Mid-Span Installation to determine if the proposed Mid-Span Installation would create one or more capacity, safety, reliability, or engineering issues requiring correction, and if so, to provide the Attaching Entity with specific documentation of the issue or issues. The Attaching Entity must address the issue or issues CPS Energy has identified and shall provide CPS Energy with notice of the proposed means of correction through an amended Notification of Mid-Span Installation.
- d) Construction and Notice of Completion. If within the ten (10) calendar day Notification of Mid-Span Installation notice period or any five (5) business day amended Notification of Mid-Span Installation notice period (i) CPS Energy does not identify any capacity, safety, reliability, or engineering issue in the proposed Mid-Span Installation requiring correction; or (ii) the Attaching Entity submits an amended Notification of Mid-Span Installation curing the issue or issues CPS Energy has identified, the Attaching Entity may proceed with construction of the proposed Mid-Span Installation in accordance with (x) the terms of the original or amended Notification of Mid-Span Installation in response to which CPS Energy has not identified any capacity, safety, reliability, or engineering issue; and (y) including any requirements pertaining to Make-Ready Work as provided in Sections V.C. 4., 5., 6., and 7. When construction of the Mid-Span Installation is complete, the Attaching Entity shall, within ten (10) business days, provide CPS Energy with a Notice of Completion pursuant to Section V.C.8. hereof.
- e) Post-Construction Inspection and Permit Issuance. Upon receipt of the Attaching Entity's Notice of Completion, CPS Energy shall perform a Post-Construction Inspection of the completed Mid-Span Installation in accordance with Section V.C.9. hereof to identify any capacity, safety, reliability, or engineering issue the completed construction of the Mid-Span Installation presents. If the completed Mid-Span Installation presents any capacity, safety, reliability, or engineering issues, CPS Energy



shall notify the Attaching Entity, and the Attaching Entity shall, within ten (10) business days, take such actions as are necessary to cure the issue or issues identified. If upon completion of the Post-Construction Inspection CPS Energy does not identify any capacity, safety, reliability, or engineering issue in the completed Mid-Span Installation requiring correction, or the Attaching Entity cures the issue or issues CPS Energy has identified in the Post-Construction Inspection, CPS Energy shall issue a Permit in accordance with the terms of the original or amended Notification of Mid-Span Installation and conforming to any correcting construction, as appropriate.

4. **No Make-Ready Communications or Make-Ready Electrical Construction.** Where no Make-Ready Communications or Make-Ready Electrical Construction is required, and the proposed Mid-Span Installation otherwise conforms to all Applicable Engineering Standards, the Attaching Entity may proceed with construction of the Mid-Span Installation.
5. **Make-Ready Electrical Construction.** Where Make-Ready Electrical Construction is required, the provisions of Section V.B.4. shall apply to a Mid-Span Installation.
6. **Make-Ready Communication Construction – One Touch Transfers.** If a proposed Mid-Span Installation requires Make-Ready Communication Construction in the form of one or more Simple Transfers, all provisions of Section V.B.5. shall be applicable.
7. **Make-Ready Communication Construction - Complex Transfers.** If a proposed Mid-Span Installation requires Make-Ready Communication Construction in the form of one or more Complex Transfers, all provisions of Section V.B.6. shall be applicable.
8. **Notice of Attachment Completion and Acceptance.** All provisions of Section V.B.7. providing for Notice of Attachment Completion and Acceptance shall be applicable to a Mid-Span Installation.
9. **Post-Construction Inspection.** All provisions of Section V.B.8. providing for Post-Construction Inspection shall be applicable to a Mid-Span Installation.

D. Standard Process for Wireless Installations - Downtown Decorative Wireless Antenna Streetlight Pole

A high-level workflow of the Application review process, for the Downtown Decorative Wireless Antenna Streetlight Pole, illustrated in Figure G below.

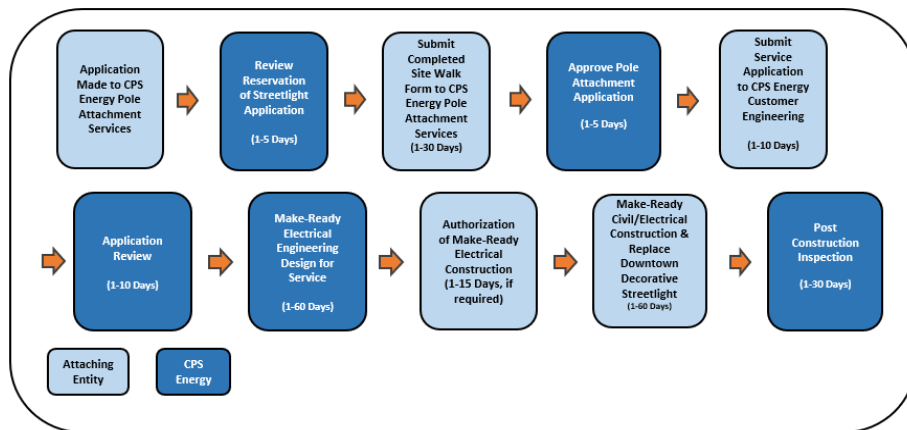


Figure G: Standard Process for Downtown Decorative Wireless Antenna Streetlight Pole

1. **Eligibility.** A Wireless Provider with a valid Wireless Installation Agreement or combination of Pole Attachment Agreement and Wireless Addendum is eligible to elect to install Wireless Installations under this process.
2. **Application for Permit Required.** A Wireless Provider shall not install any new Wireless Installation on any CPS Energy Downtown Decorative Wireless Antenna Streetlight Pole, without first submitting an Application, and obtaining a Permit pursuant to the requirements and procedures set forth below and elsewhere in these Standards.
 - a) **Application Form.** All Wireless Providers shall use the Application for Wireless Installation form, provided in Appendix B and available for download at www.cpsenergy.com/poleattachments, which may be amended from time to time, provided that any such amendments are consistent with Applicable Engineering Standards and are applied to similar types of Wireless Installations and similarly situated Attaching Entities on a non-discriminatory basis.



- i) A single Application may include up to a maximum of One (1) Wireless Installation site, together with the applicable Downtown Decorative Wireless Antenna Streetlight Poles, provided that the Wireless Installation at each of the pole sites falls within the approved boundaries, unless otherwise permitted by the City of San Antonio, and is consistent with the approved Wireless Equipment design configuration.
- ii) CPS Energy's acceptance of the submitted design documents required as part of a complete Application form (Section V.B.2.d) does not relieve the Wireless Provider of full responsibility for any errors and/or omissions in the engineering analysis and compliance with all Applicable Engineering Standards.
- b) Downtown Decorative Wireless Antenna Streetlight Pole Ownership. For the purposes of Application submittal, unless CPS Energy records and/or Poles indicate otherwise, CPS Energy shall be presumed to be the owner of all Poles subject to Attachment. The Wireless Provider is responsible for field verifying Pole ownership and notifying CPS Energy of any discrepancies between CPS Energy's maps/records and the actual Poles in the field.
- c) Downtown Decorative Wireless Antenna Streetlight Pole. Purchase a Modified Streetlight Pole from a qualified pole manufacturer pursuant to the Concealment Standards specified by the Historic and Design Review Commission (HDRC) and CPS Energy's engineering specifications for the Downtown Decorative Wireless Antenna Streetlight Pole.
- d) Compliance with Standards. Wireless Provider shall comply with the Texas Engineering Act at Section 1001.001, et seq., of the Texas Occupations Code to the extent it is applicable to the work described herein, and with the most current version of the National Electrical Safety Code (NESC), including any and all revisions to both, and all other Applicable Engineering Standards. The Wireless Provider shall certify its compliance with the above on each Application it submits to CPS Energy for processing. The certification statement shall be signed by an employee or agent of the Wireless Provider who has the final authority or responsibility to approve the Application. CPS Energy will not process an Application that fails to provide the signed certification statement included therein. The Wireless Provider shall provide documentation, sealed by an Engineer, establishing that the Wireless Provider's applicable Make Ready Electrical Construction design and Pole Loading Analysis (PLA) documents comply with all requirements specified by the NESC and the Applicable Engineering Standards.



- i) **Pole Loading Analysis (PLA).** A Wireless Provider, in connection with an Application, must comply with the PLA methodology described herein and in Appendix G. Acceptable software for use of PLA shall be a commercially available product with general industry acceptance. Should the Wireless Provider utilize a commercially available software application that CPS Energy does not possess; the Wireless Provider shall make available to CPS Energy at least one software license for CPS Energy use at the Wireless Provider's expense, subject to CPS Energy's Information Technology requirements. The Wireless Provider will gather the physical and technical information for the requested Downtown Decorative Wireless Antenna Streetlight Pole, Wireless Equipment, and wire Attachment associated with the Wireless Installation required to conduct a PLA as described in Appendix G, with assistance as required from CPS Energy.
- e) **Submission of Application.** Completed Applications may be submitted by either U.S. mail, electronically to poleapplications@cpsenergy.com, or other means mutually agreeable by CPS Energy and the Wireless Provider. The Application shall include:
 - i) Upon request, a complete Application with all applicable supporting documents, tests, reports, applications, permit numbers, and license numbers;
 - ii) Upon request, the proposed deployment plan for the proposed Wireless Project Area, including a description of how the Wireless Installation will be served with electricity and backhaul broadband telecommunications transport service;
 - iii) Upon request, Downtown Decorative Wireless Antenna Streetlight Pole foundation design;
 - iv) Downtown Decorative Streetlight Pole PLA worksheets and results, as required by Appendix G; and
 - v) Relevant Downtown Decorative Wireless Antenna Streetlight Pole identification data and equipment tagging information.

Such Application shall be prepared by, or under the authority of, the Wireless Provider. The detailed design documents referenced in this Section V.B.2.d.iv will be undertaken and completed with design tool software to be determined by CPS Energy. All actions pursuant to this Section V.B.2.d shall be at the Wireless Provider's cost and risk.

- 3. **CPS Energy Review of Application.** CPS Energy will respond to each completed Application design documents submitted by the Wireless Provider within five (5) calendar days of receipt. Should CPS Energy be required to return an Application for clarification or modification, the time required for the Wireless Provider to address the concerns raised and



return the Application shall not count against the five (5) calendar day period. An Application for a DAS System supporting wire Attachments that provide fiber backhaul transport service shall highlight the path back to a Slab-Mounted Equipment Cabinet or larger enclosures located on private property and identify the Downtown Decorative Wireless Antenna Streetlight Poles supported by such backhaul transport facilities that are part of the DAS system. CPS Energy will process the backhaul transport Attachments that correspond with the Application pursuant to Section IV.B. Any Application that does not conform to the requirements provided in Section V.B.2.d and the Applicable Engineering Standards will be deemed incomplete and immediately rejected by CPS Energy. If an Application is rejected as incomplete, the Wireless Provider will be provided with a detailed description of changes, modifications, or revisions to the Application necessary for CPS Energy's review and approval within five (5) calendar days of receipt of the Application.

In the event CPS Energy does not finalize its review of a complete Application within five (5) calendar days, CPS Energy may impose a one-time, additional five (5) calendar day extension period in which to complete its review for each Application. CPS Energy shall provide the Wireless Provider with three (3) calendar days prior notice that it intends to exercise its option to impose the extension period. A Wireless Installation shall never be installed without the affirmative written consent of CPS Energy and issuance of a Permit.

- a) Review. In making its decision as to whether to issue a Permit, CPS Energy will consider engineering and safety requirements, in accordance with the Applicable Engineering Standards set forth in Section II.A.4. In addition, CPS Energy shall consider Capacity constraints, including the future needs of CPS Energy as determined in accordance with the Reserved Capacity provisions set forth in Section II.H.10, flood zone requirements, in-flight CPS Energy projects, and other circumstances known at the time that would directly affect the engineering, safety requirements, and Capacity constraints associated with desired Downtown Decorative Streetlight Poles. Specifically, CPS Energy will not consider a Wireless Installation on a Downtown Decorative Streetlight Pole that is subject to a pending Wireless Installation Application or which is already hosting a Wireless Installation. Other Capacity constraints may impact approval of a Wireless Installation Application as described in Section V.B.3.f.
- b) Application Approval. After all acceptance of all necessary revisions to the Application, CPS Energy will issue to the Wireless Provider the CPS Pole Attachment Application (Downtown Decorative Wireless Antenna Streetlight Pole) approval, a copy of which is in Appendix B. The Wireless Provider shall comply with the provisions of Section V.B.4.e.



- c) **Treatment of Multiple Requests for Poles in the Same General Area. One Wireless Installation Per Downtown Decorative Wireless Antenna Streetlight Pole.** CPS Energy will not authorize more than one Wireless Installation per Downtown Decorative Wireless Antenna Streetlight Pole. Downtown Decorative Wireless Antenna Streetlight Pole assignments for Wireless Installation Applications shall be considered on a “first-come, first-served” non-discriminatory basis. Should a Wireless Provider fail to install a Wireless Installation within the allotted time frame, the requested Downtown Decorative Streetlight Pole will be released and made available to another Wireless Provider upon request as further described in Section V.B.3.f.i. Multiple requests to install Wireless Installations in the same general area will be treated as described in Section V.B.3.f.ii. The treatment DAS System Antenna node installations in potential conflict with other Wireless Installations is described in Section V.B.3.f.iii. Requests for Downtown Decorative Streetlight Pole assignments as part of a neutral host DAS System shall not be considered as multiple requests for the same poles, provided, however, that such requests will only be considered when the Infrastructure Provider has obtained contractual commitments from multiple CMRS Providers to jointly occupy the DAS System.
- i) If CPS Energy issues a Permit and the Wireless Provider fails to install the Wireless Installation in compliance with Section V.B.4.f., CPS Energy will make available the requested Downtown Decorative Streetlight Pole to another Wireless Provider that may have expressed an interest in the affected Downtown Decorative Streetlight Pole.
- b. In situations where CPS Energy receives multiple Wireless Installation Applications for Downtown Decorative Wireless Antenna Streetlight Poles within the same general area from different Wireless Providers, CPS Energy will limit a Wireless Provider to only one Wireless Installation for every three (3) contiguous Downtown Decorative Streetlight Poles. Under no circumstance will a Wireless Provider be allowed to reserve a Downtown Decorative Streetlight Pole for future use.
- c. Regarding a DAS System, an Antenna node shall not be attached on a Downtown Decorative Streetlight Pole that already hosts a pole-mounted Wireless Installation and vice-versa.

4. **Make-Ready Electrical Construction.** CPS Energy or its contractors shall perform such work at Wireless Provider’s expense as provided in Section V.D.4, and Appendix B.

- a) **Advance Payment.** Pursuant to Sections II.I.3., CPS Energy shall require payment in advance for any Make-Ready Electrical Construction to be performed by CPS Energy or its contractors based upon the estimated cost of such work.



- b) Work Performed by Wireless Providers Construction Contractor. Wireless Providers construction contractor shall be responsible for the installation of a new concrete pole foundation in the vicinity of the existing Downtown Decorative Streetlight Pole to be replaced at an exact location approved by both CPS Energy and the City of San Antonio. Wireless Providers construction contractor is responsible for providing and installing all infrastructure, conduits, bell ends, de-energizing the equipment including the restoration of all surfaces to their original condition, subject to inspection by CPS Energy and the City of San Antonio. Wireless Provider construction contractor shall be responsible for removing the existing Downtown Decorative Streetlight Pole and the installation of the new Downtown Decorative Wireless Antenna Streetlight Pole, subject to inspection by CPS Energy. Wireless Providers construction contractor shall be responsible for the transportation of the existing Downtown Decorative Streetlight Pole to a certified CPS Energy facility.
- c) Work Performed by CPS Energy or CPS Energy Contractor. Make-Ready Electrical Construction shall be performed only by CPS Energy and/or a contractor authorized by CPS Energy to perform such work. Prior to commencement of Make-Ready Electrical Construction and upon receipt of advance payment, CPS Energy will schedule a work order within thirty (30) calendar days. CPS Energy will strive to perform the Make-Ready Electrical Construction within sixty (60) calendar days. CPS Energy shall provide to the Wireless Provider the estimated schedule for completing the Make-Ready Electrical Construction as soon as possible.
- d) Work Schedule. In performing all Make-Ready Electrical Construction to accommodate a Wireless Provider's Wireless Installations, CPS Energy will include such work in its normal work schedule on a non-discriminatory basis. In the event the Wireless Provider requests that the Make-Ready Electrical Construction be performed on a priority basis or outside of CPS Energy's normal work hours, the Wireless Provider shall pay the appropriate increased costs. Nothing herein shall be construed to require performance of any Wireless Provider's work before other scheduled work, CPS Energy service restoration, or other Emergency work.
- e) Failure to Attach. A Wireless Provider must exercise the right granted by the CPS Energy to replace the Downtown Decorative Streetlight Pole within sixty (60) calendar days of issuance of the Authorization of Make-Ready Electrical Construction. If needed, the Wireless Provider may request in writing to CPS Energy an additional thirty (30) calendar day extension of the effective period. The request for this extension must be received by CPS Energy no later than seven (7) calendar days before the expiration date of the Make-Ready Electrical Construction. In considering this request, CPS Energy will review past construction practices of the



Wireless Provider and current efforts underway to complete the installation for which the extension was requested. CPS Energy will provide a written response to the request for extension within three (3) calendar days of receiving the request. CPS Energy, at its discretion, may not consider any requests for extension received within seven (7) calendar days of the expiration Make-Ready Electrical Construction.

- (i) Failure to install a Wireless Installation within the effective period of the Make-Ready Electrical Construction, or extended period if granted by CPS Energy, will result in expiration of the Application and the forfeiture of the applicable Application Fees and any payments made for Make-Ready Electrical Construction work already completed. Following expiration of an Application, should the Wireless Provider wish to continue to install the Wireless Installation subject to the expired Application, the Wireless Provider must submit a new Application covering the same Wireless Installation including all appropriate Application Fees.
- (ii) CPS Energy and the Wireless Provider shall determine a mutually-agreeable schedule for the completion of the Make-Ready Electrical Construction work should an issue of Force Majeure, as described in the Wireless Installation Agreement, be asserted by either party.

5. **Notice of Attachment Completion and Acceptance.** The Attaching Entity shall notify CPS Energy in writing by submitting the Completion of Attaching Entity Construction form, a copy of which is available at www.cpsenergy.com/poleattachments and in Appendix B, within ten (10) calendar days following all Make-Ready Electrical Construction work and Wireless Installation Construction that has been completed and accepted, and that the new Wireless Installation and all Make-Ready Electrical Construction work are ready for CPS Energy to undertake Post-Construction Inspection.

6. **Post-Construction Inspection.**

- a) **Construction Subject to Inspection.** CPS Energy shall complete a Post-Construction Inspection of applicable Make-Ready Electrical Construction work at the Wireless Provider's expense within thirty (30) calendar days of receiving the Attaching Entity's notification set forth in Section V.B.7. CPS Energy will conduct the Post-Construction Inspections to evaluate compliance with the requested Permit, Applicable Engineering Standards, or other design and installation requirements. Completion of a Post-Construction Inspection by CPS Energy shall not in any way relieve any Wireless Provider or the Wireless Provider's insurers of any responsibility, duty, obligation, or liability under these Standards, any contractual agreement, or otherwise; nor does CPS



Energy’s ability to make Post-Construction Inspections relieve a Wireless Provider from its obligations to exercise due care in the installation of its Wireless Installations. The Post-Construction Inspection provision set forth in this Section V.B.8.a. does not affect any other inspection requirements elsewhere in these Standards. This section V.B.8. also applies to supplemental Post-Construction Inspections where the Attaching Entity reports “final corrections” of previously identified non-compliant work or locations as described in Section V.C.6.b. below.

- b) **Compliance.** In the event a Post-Construction Inspection conducted pursuant to Section V.B.8.a. reveals that corrections or other actions are required of a Wireless Provider, including without limitation those required for reasons of safety or structural integrity, the Wireless Provider shall make such required corrections or take the requested actions within thirty (30) calendar days after the date CPS Energy sends written notice. If CPS Energy determines in its reasonable judgment and discretion that the needed corrections rise to the level of an Emergency, CPS Energy may perform the necessary corrective work without providing notice, at the Wireless Provider’s sole risk and cost plus ten-percent (10%). As soon as practicable thereafter, CPS Energy will advise the Wireless Provider of the work performed or the action taken.
- c) **Issuance of Permit.** Upon satisfactory completion of the Post-Construction Inspection, CPS Energy shall notify the Wireless Provider in writing that CPS Energy has approved the Wireless Installation identified in the Application by submitting to the Wireless Provider a Permit, a copy of which form is located in Appendix B, for said applicable Wireless Installation.

7. **Attaching Entity Maintenance Obligations.** Attaching Entity shall have the following maintenance obligations regarding a Downtown Decorative Wireless Antenna Streetlight Pole:

- a) **Relinquish Ownership of Downtown Decorative Wireless Antenna Streetlight Pole.** Wireless Provider must relinquish ownership of the Downtown Decorative Wireless Antenna Streetlight Pole to CPS Energy in exchange for the replaced Downtown Decorative Streetlight Pole and transfer to CPS Energy any manufacturer warranty related to the modified Downtown Decorative Wireless Antenna Streetlight Pole.
- b) **Bill of Sale.** Attaching Entity must include a bill of sale as part of the pole attachment application transferring ownership of the Downtown Decorative Wireless Antenna Streetlight Pole to CPS Energy, which will be accepted by CPS Energy upon the installation passing post inspection.



- c) Downtown Decorative Wireless Antenna Streetlight Pole Maintenance. Wireless Provider must maintain and operate all small cell equipment associated with the Downtown Decorative Wireless Antenna Streetlight Pole installation in a safe manner and pursuant to manufacturer specifications. Replace small cell equipment as necessary to maintain operational and safety functionality. Wireless Provider must replace the Huntington Base of a Downtown Decorative Wireless Antenna Streetlight Pole in the event the base is damaged.
 - d) Downtown Decorative Wireless Antenna Streetlight Pole Inventory. Wireless Provider must retain a reasonable inventory of Downtown Decorative Wireless Antenna Streetlight Poles and Huntington Bases in indoor storage to replace a damaged Downtown Decorative Wireless Antenna Streetlight Pole within 72 hours of receiving notice from CPS Energy.
 - e) Downtown Decorative Wireless Antenna Streetlight Pole Replacement due to unforeseen event. In the event a Downtown Decorative Wireless Antenna Streetlight Pole must be replaced due to vehicular impact, vandalism, weather storm, or other unforeseen event, CPS Energy's obligation shall be to replace the Downtown Decorative Wireless Antenna Streetlight Pole with a traditional Downtown Decorative Streetlight Pole.
8. **CPS Energy Maintenance Obligations.** CPS Energy shall have the following maintenance obligations regarding a Downtown Decorative Wireless Antenna Streetlight Pole:
- a) In the event a modified Downtown Decorative Wireless Antenna Streetlight Pole must be replaced due to vehicular impact, vandalism, weather storm, or other unforeseen event, CPS Energy's obligation shall be to replace the Downtown Decorative Wireless Antenna Streetlight Pole with a traditional Downtown Decorative Streetlight Pole.
 - b) In the event the Wireless Provider fails to replace a damaged Downtown Decorative Wireless Antenna Streetlight Pole or Huntington Base within seventy-two (72) hours of notice, and if the Wireless Provider does not make locally available a replacement Downtown Decorative Wireless Antenna Streetlight Pole, CPS Energy's obligation shall be to replace the damaged Downtown Decorative Wireless Antenna Streetlight Pole with a traditional Downtown Decorative Streetlight Pole.

E. Standard Process for Residential Wireless Antenna Streetlight Pole Installation

A high-level workflow of the Application review process, for the Residential Wireless Antenna Streetlight Pole, illustrated in Figure H below.

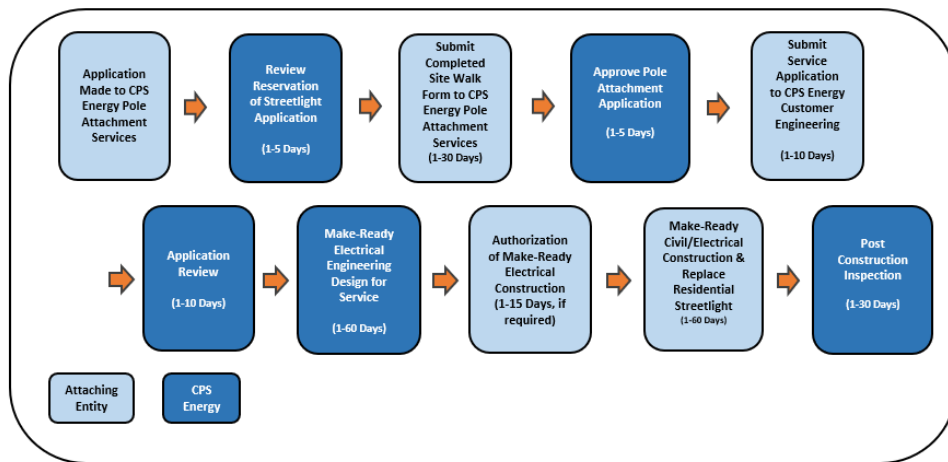


Figure H: Standard Process for Residential Wireless Antenna Streetlight Pole

1. **Eligibility.** A Wireless Provider with a valid Wireless Installation Agreement or combination of Pole Attachment Agreement and Wireless Addendum is eligible to elect to install Wireless Installations under this process.
2. **Application for Permit Required.** A Wireless Provider shall not install any new Wireless Installation on any CPS Energy Residential Streetlight Pole, without first submitting an Application, and obtaining a Permit pursuant to the requirements and procedures set forth below and elsewhere in these Standards.
 - a) **Application Form.** All Wireless Providers shall use the Application for Wireless Installation form, provided in Appendix B and available for download at www.cpsenergy.com/poleattachments, which may be amended from time to time, provided that any such amendments are consistent with Applicable Engineering Standards and are applied to similar types of Wireless Installations and similarly situated Attaching Entities on a non-discriminatory basis.



- i) A single Application may include up to a maximum of One (1) Wireless Installation site, together with the applicable Residential Streetlight Pole, provided that the Wireless Installation at each of the pole sites falls within the approved boundaries, unless otherwise permitted by the City of San Antonio and is consistent with the approved Wireless Equipment design configuration.
- ii) CPS Energy's acceptance of the submitted design documents required as part of a complete Application form (Section V.B.2.d) does not relieve the Wireless Provider of full responsibility for any errors and/or omissions in the engineering analysis and compliance with all Applicable Engineering Standards.
- b) Residential Wireless Antenna Streetlight Pole Ownership. For the purposes of Application submittal, unless CPS Energy records and/or Poles indicate otherwise, CPS Energy shall be presumed to be the owner of all Poles subject to Attachment. The Wireless Provider is responsible for field verifying Pole ownership and notifying CPS Energy of any discrepancies between CPS Energy's maps/records and the actual Poles in the field.
- c) Residential Wireless Antenna Streetlight Pole - Purchase a Modified Streetlight Pole from a qualified pole manufacturer pursuant to the Concealment Standards specified by CPS Energy's engineering specifications for the Residential Wireless Antenna Streetlight Pole.
- d) Compliance with Standards. Wireless Provider shall comply with the Texas Engineering Act at Section 1001.001, et seq., of the Texas Occupations Code to the extent it is applicable to the work described herein, and with the most current version of the National Electrical Safety Code (NESC), including any and all revisions to both, and all other Applicable Engineering Standards. The Wireless Provider shall certify its compliance with the above on each Application it submits to CPS Energy for processing. The certification statement shall be signed by an employee or agent of the Wireless Provider who has the final authority or responsibility to approve the Application. CPS Energy will not process an Application that fails to provide the signed certification statement included therein. The Wireless Provider shall provide documentation, sealed by an Engineer, establishing that the Wireless Provider's applicable Make Ready Electrical Construction design and Pole Loading Analysis (PLA) documents comply with all requirements specified by the NESC and the Applicable Engineering Standards.



- i) Pole Loading Analysis (PLA). A Wireless Provider, in connection with an Application, must comply with the PLA methodology described herein and in Appendix G. Acceptable software for use of PLA shall be a commercially available product with general industry acceptance. Should the Wireless Provider utilize a commercially available software application that CPS Energy does not possess; the Wireless Provider shall make available to CPS Energy at least one software license for CPS Energy use at the Wireless Provider's expense, subject to CPS Energy's Information Technology requirements. The Wireless Provider will gather the physical and technical information for the requested Residential Streetlight Pole, Wireless Equipment, and wire Attachment associated with the Wireless Installation required to conduct a PLA as described in Appendix G, with assistance as required from CPS Energy.

- e) Submission of Application. Completed Applications may be submitted by either U.S. mail, electronically to poleapplications@cpsenergy.com, or other means mutually agreeable by CPS Energy and the Wireless Provider. The Application shall include:
 - i) Upon request, a complete Application with all applicable supporting documents, tests, reports, applications, permit numbers, and license numbers;
 - ii) Upon request, the proposed deployment plan for the proposed Wireless Project Area, including a description of how the Wireless Installation will be served with electricity and backhaul broadband telecommunications transport service;
 - iii) City of San Antonio Wireless Provider certified approval letter;
 - iv) PLA worksheets and results, as required by Appendix G; and
 - v) Relevant Residential Streetlight Pole identification data and equipment tagging information.

Such Application shall be prepared by, or under the authority of, the Wireless Provider. The detailed design documents" referenced in this Section V.B.2.d.iv will be undertaken and completed in design tools to be determined by CPS Energy. All actions pursuant to this Section V.B.2.d shall be at the Wireless Provider's cost and risk.

- 3. CPS Energy Review of Application. CPS Energy will respond to each completed Application design documents submitted by the Wireless Provider within five (5) calendar



days of receipt. Should CPS Energy be required to return an Application for clarification or modification, the time required for the Wireless Provider to address the concerns raised and return the Application shall not count against the five (5) calendar day period. An Application for a DAS System supporting wire Attachments that provide fiber backhaul transport service shall highlight the path back to a Slab-Mounted Equipment Cabinet or larger enclosures located on private property and identify the Residential Streetlight Pole Poles supported by such backhaul transport facilities that are part of the DAS system. CPS Energy will process the backhaul transport Attachments that correspond with the Application pursuant to Section IV.B. Any Application that does not conform to the requirements provided in Section V.B.2.d and the Applicable Engineering Standards will be deemed incomplete and immediately rejected by CPS Energy. If an Application is rejected as incomplete, the Wireless Provider will be provided with a detailed description of changes, modifications, or revisions to the Application necessary for CPS Energy's review and approval within five (5) calendar days of receipt of the Application.

In the event CPS Energy does not finalize its review of a complete Application within Five (5) calendar days, CPS Energy may impose a one-time, additional five (5) calendar day extension period in which to complete its review for each Application. CPS Energy shall provide the Wireless Provider with three (3) calendar days' prior notice that it intends to exercise its option to impose the extension period. A Wireless Installation shall never be installed without the affirmative written consent of CPS Energy and issuance of a Permit.

- a) Review. In making its decision as to whether to issue a Permit, CPS Energy will consider engineering and safety requirements, in accordance with the Applicable Engineering Standards set forth in Section II.A.4. In addition, CPS Energy shall consider Capacity constraints, including the future needs of CPS Energy as determined in accordance with the Reserved Capacity provisions set forth in Section II.H.10, flood zone requirements, in-flight CPS Energy projects, and other circumstances known at the time that would directly affect the engineering, safety requirements, and Capacity constraints associated with desired Downtown Decorative Streetlight Poles. Specifically, CPS Energy will not consider a Wireless Installation on a Residential Streetlight Pole that is subject to a pending Wireless Installation Application or which is already hosting a Wireless Installation. Other capacity constraints may impact approval of a Wireless Installation Application as described in Section V.B.3.f.
- b) Application Approval. After all acceptance of all necessary revisions to the Application, CPS Energy will issue to the Wireless Provider the CPS Pole Attachment Application



(Residential Wireless Antenna Streetlight Pole) approval, a copy of which is in Appendix B. The Wireless Provider shall comply with the provisions of Section V.B.4.e.

- c) **Treatment of Multiple Requests for Poles in the Same General Area. One Wireless Installation Per Residential Wireless Antenna Streetlight Pole.** CPS Energy will not authorize more than one Wireless Installation per Residential Wireless Antenna Streetlight Pole. Residential Wireless Antenna Streetlight Pole assignments for Wireless Installation Applications shall be considered on a “first-come, first-served”, non-discriminatory basis. Should a Wireless Provider fail to install a Wireless Installation within the allotted time frame, the requested Residential Streetlight Pole will be released and made available to another Wireless Provider upon request as further described in Section V.B.3.f.i. Multiple requests to install Wireless Installations in the same general area will be treated as described Section V.B.3.f.ii. The treatment DAS System Antenna node installations in potential conflict with other Wireless Installations is described in Section V.B.3.f.iii. Requests for Residential Wireless Antenna Streetlight Pole assignments as part of a neutral host DAS System shall not be considered as multiple requests for the same poles, provided, however, that such requests will only be considered when the Infrastructure Provider has obtained contractual commitments from multiple CMRS Providers to jointly occupy the DAS System.
- i) If CPS Energy issues a Permit and the Wireless Provider fails to install the Wireless Installation in compliance with Section V.B.4.f., CPS Energy will make available the requested Residential Streetlight Pole to another Wireless Provider that may have expressed an interest in the affected Residential Streetlight Pole.
- ii) In situations where CPS Energy receives multiple Wireless Installation Applications for Residential Streetlight Poles within the same general area from different Wireless Providers, CPS Energy will limit a Wireless Provider to only one Wireless Installation for every three (3) contiguous Residential Streetlight Pole. Under no circumstances, will a Wireless Provider be allowed to reserve a Residential Wireless Antenna Streetlight Pole for future use.
- iii) Regarding a DAS System, an Antenna node shall not be attached on a Residential Wireless Antenna Streetlight Pole that already hosts a Pole-mounted Wireless Installation and vice-versa.



4. **Make-Ready Electrical Construction.** CPS Energy or its contractors shall perform such work at Wireless Provider's expense as provided in Section V.E.4, and Appendix B.
- a) **Advance Payment.** Pursuant to Sections II.I.3., CPS Energy shall require payment in advance for any Make-Ready Electrical Construction to be performed by CPS Energy or its contractors based upon the estimated cost of such work.
 - b) **Work Performed by Wireless Providers Construction Contractor.** Wireless Providers construction contractor shall be responsible for the installation of a new concrete pole foundation in the vicinity of the existing Residential Streetlight Pole to be replaced at an exact location approved by both CPS Energy. Wireless Providers construction contractor is responsible for providing and installing all infrastructure, conduits, bell ends, de-energizing the equipment including the restoration of all surfaces to their original condition, subject to Inspection by CPS Energy. Wireless Provider construction contractor shall be responsible for removing the Residential Streetlight Pole and the installation of the new Residential Wireless Antenna Streetlight Pole, subject to inspection by CPS Energy. Wireless Providers construction contractor shall be responsible for the transportation of the existing Residential Streetlight Pole to a certified CPS Energy facility.
 - c) **Work Performed by CPS Energy or CPS Energy Contractor.** Make-Ready Electrical Construction shall be performed only by CPS Energy and/or a contractor authorized by CPS Energy to perform such work. Prior to commencement of Make-Ready Electrical Construction and upon receipt of advance payment, CPS Energy will schedule a work order within thirty (30) calendar days. CPS Energy will strive to perform the Make-Ready Electrical Construction within sixty (60) calendar days. CPS Energy shall provide to the Wireless Provider as soon as possible the estimated schedule for completing the Make-Ready Electrical Construction.
 - d) **Work Schedule.** In performing all Make-Ready Electrical Construction to accommodate a Wireless Provider's Wireless Installations, CPS Energy will include such work in its normal work schedule on a non-discriminatory basis. In the event the Wireless Provider requests that the Make-Ready Electrical Construction be performed on a priority basis or outside of CPS Energy's normal work hours, the Wireless Provider shall pay the appropriate increased costs. Nothing herein shall be construed to require performance of any Wireless Provider's work before other scheduled work, CPS Energy service



restoration, or other Emergency work.

- e) **Failure to Attach.** A Wireless Provider must exercise the right granted by the CPS Energy to replace the Residential Streetlight Pole within sixty (60) calendar days of issuance of the Authorization of Make-Ready Electrical Construction. If needed, the Wireless Provider may request in writing to CPS Energy an additional thirty (30) calendar day extension of the effective period. The request for this extension must be received by CPS Energy no later than seven (7) calendar days before the expiration date of the Make-Ready Electrical Construction. In considering this request, CPS Energy will review past construction practices of the Wireless Provider and current efforts underway to complete the installation for which the extension was requested. CPS Energy will provide a written response to the request for extension within three (3) calendar days of receiving the request. CPS Energy, at its discretion, may not consider any requests for extension received within seven (7) calendar days of the expiration Make-Ready Electrical Construction.
 - f) Failure to install a Wireless Installation within the effective period of the Make-Ready Electrical Construction, or extended period if granted by CPS Energy, will result in expiration of the Application and the forfeiture of the applicable Application Fees and any payments made for Make-Ready Electrical Construction work already completed. Following expiration of an Application, should the Wireless Provider wish to continue to install the Wireless Installation subject to the expired Application, the Wireless Provider must submit a new Application covering the same Wireless Installation including all appropriate Application Fees.
 - g) CPS Energy and the Wireless Provider shall determine a mutually-agreeable schedule for the completion of the Make-Ready Electrical Construction work should an issue of Force Majeure, as described in the Wireless Installation Agreement, be asserted by either party.
5. **Notice of Attachment Completion and Acceptance.** The Wireless Provider shall notify CPS Energy in writing by submitting the Completion of Attaching Entity Construction form, a copy of which is available at www.cpsenergy.com/poleattachments and in Appendix B, within ten (10) calendar days following all Make-Ready Electrical Construction work and Wireless Installation Construction that has been completed and accepted, and that the new Wireless Installation and all Make-Ready Electrical Construction work are ready for CPS Energy to undertake Post-Construction Inspection.



6. Post-Construction Inspection.

- a) Construction Subject to Inspection. CPS Energy shall complete a Post-Construction Inspection of applicable Make-Ready Electrical Construction work at the Wireless Provider's expense within thirty (30) calendar days of receiving the Wireless Provider's notification set forth in Section V.B.7. CPS Energy will conduct the Post-Construction Inspections to evaluate compliance with the requested Permit, Applicable Engineering Standards, or other design and installation requirements. Completion of a Post-Construction Inspection by CPS Energy shall not in any way relieve any Wireless Provider or the Wireless Provider's insurers of any responsibility, duty, obligation, or liability under these Standards, any contractual agreement, or otherwise; nor does CPS Energy's ability to make Post-Construction Inspections relieve a Wireless Provider from its obligations to exercise due care in the installation of its Wireless Installations. The Post-Construction Inspection provision set forth in this Section V.B.8.a. does not affect any other inspection requirements elsewhere in these Standards. This section V.B.8. also applies to supplemental Post-Construction Inspections where the Wireless Provider reports "final corrections" of previously identified non-compliant work or locations as described in Section V.E.6.b. below.

- b) Compliance. In the event a Post-Construction Inspection conducted pursuant to Section V.B.8.a. reveals that corrections or other actions are required of a Wireless Provider, including without limitation those required for reasons of safety or structural integrity, the Wireless Provider shall make such required corrections or take the requested actions within thirty (30) calendar days after the date CPS Energy sends written notice. If CPS Energy determines in its reasonable judgment and discretion that the needed corrections rise to the level of an Emergency, CPS Energy may perform the necessary corrective work without providing notice, at the Wireless Provider's sole risk and cost plus ten-percent (10%). As soon as practicable thereafter, CPS Energy will advise the Wireless Provider of the work performed or the action taken.

- c) Issuance of Permit. Upon satisfactory completion of the Post-Construction Inspection, CPS Energy shall notify the Wireless Provider in writing that CPS Energy has approved the Wireless Installation identified in the Application by submitting to the Wireless Provider a Permit, a copy of which form is located in Appendix B, for said applicable Wireless Installation.



7. **Attaching Entity Maintenance Obligations.** Attaching Entity shall have the following maintenance obligations regarding a Residential Wireless Antenna Streetlight Pole:
- a) **Relinquish Ownership of a Residential Wireless Antenna Streetlight Pole.** Wireless Provider must relinquish ownership of the Residential Wireless Antenna Streetlight Pole to CPS Energy in exchange for the replaced Residential Streetlight Pole. Transfer to CPS Energy any manufacturer warranty related to the Residential Wireless Antenna Streetlight Pole.
 - b) **Bill of Sale.** Wireless Provider must include a bill of sale as part of the pole attachment application transferring ownership of the Residential Wireless Antenna Streetlight Pole to CPS Energy, which will be accepted by CPS Energy upon the installation passing post inspection.
 - c) **Residential Wireless Antenna Streetlight Pole Maintenance.** Wireless Provider must maintain and operate all small cell equipment associated with the Residential Wireless Antenna Streetlight Pole installation in a safe manner and pursuant to manufacturer specifications. Replace small cell equipment as necessary to maintain operational and safety functionality.
 - d) **Residential Wireless Antenna Streetlight Pole Inventory.** Wireless Provider must retain a reasonable inventory of Residential Wireless Antenna Streetlight Pole in indoor storage to replace a damaged Residential Wireless Antenna Streetlight Pole within 72 hours of receiving notice from CPS Energy.
 - e) **Residential Wireless Antenna Streetlight Pole Replacement due to unforeseen event.** In the event a Residential Wireless Antenna Streetlight Pole must be replaced due to vehicular impact, vandalism, weather storm, or other unforeseen event, CPS Energy's obligation shall be to replace the Residential Wireless Antenna Streetlight Pole with a Residential Streetlight Pole.
8. **CPS Energy Maintenance Obligations.** CPS Energy shall have the following maintenance obligations regarding a Residential Wireless Antenna Streetlight Pole:
- a) In the event a Residential Wireless Antenna Streetlight Pole must be replaced due to vehicular impact, vandalism, weather storm, or other unforeseen event, CPS Energy's obligation shall be to replace the Residential Wireless Antenna Streetlight Pole with a



Residential Streetlight Pole.

- b) In the event the Wireless Provider fails to replace a damaged Residential Wireless Antenna Streetlight Pole within 72 hours of notice. If the Wireless Provider does not make locally available a replacement streetlight pole, CPS Energy's obligation shall be to replace the damaged Residential Wireless Antenna Streetlight Pole with a Residential Streetlight Pole.



SECTION VI.

SPECIFICATIONS FOR BANNER ATTACHMENTS



VI. SPECIFICATIONS FOR BANNER ATTACHMENTS

A. Banner Attachment Process

CPS Energy offers Banner Attachers access to Poles for the purpose of installing permanent hardware components of a Banner Attachment to accommodate the display of a Double Pole Banner. In addition, Banner Attachers may access Streetlight Poles to install permanent hardware components of a Banner Attachment to accommodate the display of a Single Pole Banner. Both of these permitted methods of attachment are subject to certain restrictions and Make-Ready Work requirements pursuant to the Application processes outlined in Figure G listed below.

The technical specifications for Banner Attachments are found in Appendix J. Additional information, including the Application forms for a Banner Attachment, may be downloaded at www.cpsenergy.com/poleattachments.

Process Step	Standard Process for Banner Attachments
Process Criteria	Default Process for Banner Attachments
Make-Ready Electrical Engineering (MREE)	CPS Energy
Application Review Period	30 Days
Make-Ready Electrical Construction (MREC)	CPS Energy
Make-Ready Banner Attachment Construction (MRBAC): 1-Touch Transfer-Simple	Attaching Entity
MRBAC: Complex-Transfer	Attaching Entity
Post Construction Inspections	CPS Energy
Control over Contractors	Attaching Entity & CPS Energy

Figure G: Banner Attachment Application Process

B. Standard Application Process for Banner Attachments (Hardware)

A high-level workflow of the Banner Attacher Application review process for Banner Attachments on CPS Energy Poles or Streetlight Poles subject to the use restrictions outlined in Section VI.A, is illustrated in Figure H below.

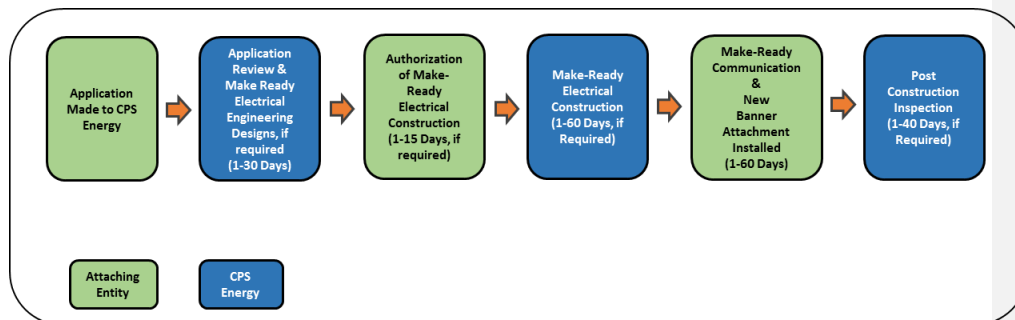


Figure H: Standard Process for Banner Attachments

1. **Eligibility.** Any Banner Attacher with a valid Banner Attachment Agreement.
2. **Application for Permit Required.** A Banner Attacher who qualifies for the Banner Attacher application review process may choose either:
 - a) **CPS Energy to Perform Make-Ready Engineering.** Regarding Applications for Banner Attachment, the Banner Attacher may request CPS Energy to undertake and complete the Make-Ready Engineering required by the Application request. If the Banner Attacher elects for CPS Energy to perform the Make-Ready Engineering, CPS Energy shall provide the Banner Attacher an estimated cost to prepare and complete the Make-Ready Engineering before starting the project. Upon approval to proceed, CPS Energy will respond to such Application requests as promptly as is reasonable, with a goal of providing a response within thirty (30) calendar days of receipt of the Application. The Banner Attacher is still required to submit an Application and pay all applicable Applications Fees as described in Appendix H. CPS Energy will invoice the Banner Attacher for the cost to produce the Make-Ready Work in accordance with the provisions of Section II.I.3; or



- b) Banner Attacher to Perform Make-Ready Engineering. The Banner Attacher may choose to complete its own Make-Ready Engineering on an Application for Banner Attachment by complying with all provisions of the Standard Process as described in Section IV.B with the exception of Section IV.B.2.d.(i) Pole Loading Analysis (PLA).
- c) Banner Attacher to Perform Make-Ready Engineering Design. Concerning Applications for the Banner Attachment, the Banner Attacher will be required to file an Application that includes engineering design drawings of the proposed Banner Attachment. The Application shall identify:
 - i) The Banner Attacher responsible for the installation of the Banner Attachment;
 - ii) The Banner Attacher on whose behalf the Banner Attachment is being installed;
 - iii) The owner of the hardware utilized to support the Banner Attachment and proof of authorization to use the hardware;
 - iv) The GIS coordinates of the Pole(s) or Streetlight Pole(s);
 - v) The duration that the Banner Attachment will be on display;
 - vi) Whether the Banner Attachment is a Single Pole Banner or Double Pole Banner installation; and
 - vii) A copy of the appropriate permit issued by the appropriate municipal authority; along with other relevant information.

Applications for temporary display of Banner Attachments will be subject to the Application Form provided in Exhibit H.

3. CPS Energy Review of Application.

- a) CPS Energy to Perform Make-Ready Engineering. For Applications to install Banner Attachment, if the Banner Attacher chooses to have CPS Energy complete the Make-Ready Engineering pursuant to Section VI.B.2.a, then CPS Energy shall respond to the Application within thirty (30) calendar days of receipt and provide the Banner Attacher with a detailed description of the proposed Make-Ready Work required for reasons of



safety, reliability, or generally applicable engineering purposes.

- b) Banner Attacher to Perform Make-Ready Engineering. If the Banner Attacher chooses to be responsible for its own Make-Ready Engineering regarding an Application to install hardware components of a Banner Attachment pursuant to Section VI.B.2.a, then all provisions of Section IV.B.3 shall be applicable to CPS Energy's Review of Applications for Applications submitted by Banner Attacher.
- c) Review of Applications for Display of Banner Attachments on Existing, Permitted Banner Attachment. CPS Energy shall endeavor to review and issue a Banner Permit within seven (7) days. The Application review shall focus on receipt of a complete Application to ensure that the Banner Attacher has obtained the appropriate municipal authority for use of Public Right of Way and is compliant with contractual and Standards requirements. A Banner Attacher may not use hardware or anchor components of a Banner Attachment that belong to another Banner Attacher without written authorization. Any Applications that propose to support a Single Pole Banner or Double Pole Banner using hardware or anchors belonging to another Banner Attacher without permission will be rejected.
- d) Multiple Requests for Same Poles. Multiple requests to install Banner Attachments in the same general area will be treated as follows:
 - i) If CPS Energy issues a Permit, and the Banner Attacher fails to install the Banner Attachment in compliance with Section VI, CPS Energy will release the requested Pole or Streetlight Pole to another Attaching Entity that may have expressed an interest in the affected pole structure.
 - ii) Under no circumstances, will a Banner Attacher be allowed to reserve a Pole or Streetlight Pole for future use.
- 4. Make-Ready Electrical Construction. All provisions of Section IV.B.4 shall be applicable to Make-Ready Banner Construction for Applications considered under this Section VI.
- 5. Make-Ready Banner Attachment Construction – One Touch Transfer. All provisions of Section IV.B.5, including the use of NJUNS, shall be applicable to Make-Ready Banner Construction for Applications considered under this Section VI.



6. **Make-Ready Banner Attachment Construction - Complex Transfers.** All provisions of Section IV.B.6 shall be applicable to Notice of Attachment Completion and Acceptance for Applications considered under this Section VI.

7. **Post-Construction Inspection.** All provisions of Section IV.B.8 shall be applicable to Post Construction Inspection for Applications considered under this Section VI.



SECTION VII. APPENDICES



VII. APPENDICES

- A. CPS Energy Attaching Entity Registration & Annual Reporting Form**
- B. CPS Energy Pole Attachment Program Forms**
- C. CPS Energy Notice of Dispute Form**
- D. CPS Energy Specifications for Attachments**
- E. CPS Energy Vertical Clearance Requirements**
- F. CPS Energy Attachment Clearance Requirements**
- G. CPS Energy Pole Loading Requirements**
- H. CPS Energy Schedule of Pole Attachment Rates, Fees, and Charges**
- I. CPS Energy Wireless Installation Diagrams**
- J. CPS Energy Banner Attachment Diagrams**
- K. CPS Energy Pole Attachment Tag List & Detail**
- L. *Reserved for Future Use***
- M. CPS Energy Equal Employment & Anti-Harassment Policy**
- N. CPS Energy Information Systems Use Policy**
- O. CPS Energy Tree Trimming Specifications**



Appendix A: CPS Energy Attaching Entity Registration & Annual Reporting Form

CPS Energy Attaching Entity Registration & Annual Reporting Form

To be completed annually by June 1 or as required due to contact information changes

Submit form via email to jmlopez@cpsenergy.com. Email Subject Line: Annual Registration & Reporting Form

Date Form Submitted to CPS Energy: _____

Attaching Entity General Information	
Attaching Entity Name	
Corporate Address	
Local Address	
Form Submitted by	
Telephone Number	
Email	

Does This Entity Hold a Certificate from the Public Utility Commission of Texas?	Y / N
If Yes, Indicate Certificate Number and Date Received	

Has This Entity Been Granted a Franchise, Licensee Agreement, Permit, or Ordinance by the City of San Antonio?	Y / N
If Yes, Indicate Certificate Number and Date Received	
Has This Entity Been Granted a Franchise, Licensee Agreement, Permit, or Ordinance by a Suburban City in the CPS Energy Service Area?	Y / N
If Yes, Indicate City, Certificate Number and Date Received	

Is This Entity an Infrastructure Provider as Defined by the Standards?	Y / N
If Yes, Please Identify All Infrastructure Provider Sublicensees Under Contract	



 **Attaching Entity Registration & Annual Reporting Form**

Attaching Entity Contact for Contract/Legal Notices (Primary Contact)	
Contact Name	
Title	
Address	
Telephone	
Email	
Fax	

Attaching Entity Contact for Insurance Notices	
Contact Name	
Title	
Address	
Telephone	
Email	
Fax	

Attaching Entity Contact for Annual Billing/Invoicing/Rental Payments	
Contact Name	
Title	
Address	
Telephone	
Email	
Fax	

Form Revised: 11/30/2010

Page 2 of 6



Attaching Entity Registration & Annual Reporting Form

Attaching Entity Contact for Attachment Transfer Notices	
Contact Name	
Title	
Address	
Telephone	
Email	
Fax	

Attaching Entity Contact for Make-Ready Invoicing	
Contact Name	
Title	
Address	
Telephone	
Email	
Fax	

Attaching Entity Contact for Emergency / Damaged Plant / Network Operations Center	
Contact Name	
Title	
Address	
Telephone	
Email	
Fax	

Attaching Entity Other Contact	
Contact Purpose	
Contact Name	
Title	
Address	
Telephone	
Email	
Fax	

Form Revised: 11/30/2010

Page 3 of 6



 **Attaching Entity Registration & Annual Reporting Form**

Attaching Entity Contact for Dispute Escalation	
First Level Contact Name	
Title	
Address	
Telephone	
Email	
Fax	

Second Level Contact Name	
Title	
Address	
Telephone	
Email	
Fax	

Third Level Contact Name	
Title	
Address	
Telephone	
Email	
Fax	

Form Revised: 11/30/2010

Page 4 of 6



CPS ENERGY Attaching Entity Registration & Annual Reporting Form

Add rows in table as necessary

New Attachment List

CPS Energy Pole Number	Description of Attachment, Overlash, or Wireless Installation	Approximate Date of Unpermitted Attachment

Non-Functional List

CPS Energy Pole Number	Description of Attachment, Overlash, or Wireless Installation	Approximate Surrender Date

Removed Equipment List

CPS Energy Pole Number	Description of Attachment, Overlash, or Wireless Installation	Approximate Removal Date



 **Attaching Entity Registration & Annual Reporting Form**

Additional Remarks (attach additional documents as necessary)

For CPS Energy Use Only	
Date Received by CPS Energy	
By	
Printed Name	
Title	
Date	

Form Revised: 11/30/2010

Page 6 of 6



Appendix B: CPS Energy Pole Attachment Program Forms

- B1: CPS Energy Application for Pole Attachment Permit*
- B2: CPS Energy Application for Wireless Installation Permit*
- B3: CPS Energy Application for Banner Attachment Hardware Permit and Installation Notification*
- B4: CPS Energy Request for Pre-Certification of Wireless System*
- B5: CPS Energy Authorization for Make-Ready Work*
- B6: CPS Energy Request for Waiver of Applicable Engineering Standards*
- B7: CPS Energy Authorization for Make-Ready Work*
- B8: CPS Energy Request for Temporary Attachment*
- B9: CPS Energy Completion of Attaching Entity Construction*
- B10: CPS Energy Notice to Proceed*
- B11: CPS Energy Permit for Attachment, Wireless Installation, or Mid-Span Installations*
- B12: CPS Energy Permit for Banner Attachment Hardware Installation*
- B13: CPS Energy Notice of Unauthorized Attachment or Unauthorized Wireless Installation*
- B14: CPS Energy Notice of Unauthorized Banner Attachment Hardware Installation*
- B15: CPS Energy Pole Attachment Standards Revision Request (PASRR)*
- B16: CPS Energy Pole Attachment Standards Revision Request (PASRR) Comment Form*
- B17: CPS Energy Notice of Safety Violation*
- B18: CPS Energy Notice of Safety Violation Assessment Charge*



B19: CPS Energy Notice to Remove Attachment(s) – Aesthetic or Civic

B20: CPS Energy Notice to Remove Attachment(s) – Customer Requested Underground Relocation

B21: CPS Energy Notice to Remove Attachment(s) – Underground Relocation

B22: CPS Energy Notice for Overtime Charges

B23: CPS Energy Notice of Acceptance for Overlash Application

B24: CPS Energy Notification for Mid-Span Installation

B25: CPS Energy Notice of Acceptance or Mid-Span Notification

B26: CPS Energy Notice of Safety Violation for Mid-Span Installation

B27: CPS Energy Application for Wireless Installation Permit (Downtown Decorative Streetlight)

B28: CPS Energy Application for Wireless Installation Permit (Residential Streetlight)

[B28: CPS Energy Service Drop Report](#)




B3: CPS Energy Application for Banner Attachment Hardware Permit and Installation Notification

Banner Attachment Materials		Banner Attachment Materials		Banner Attachment Materials		Banner Attachment Materials		Banner Attachment Materials		Banner Attachment Materials		Banner Attachment Materials	
Operation Number	Banner Attachment Location (Planning/Utility)	Pole Owner	Pole Maker	Height of Lowest Pole	Height of CPS Electrical	Attachment Description	Attachment Description	Attachment Description	Attachment Description	Attachment Description	Attachment Description	Attachment Description	Attachment Description
1													
2													
3													
4													
5													
6													
7													
8													
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32													
33													
34													
35													

Page 1



B4: CPS Energy Request for Pre-Certification of Wireless System

 Request for Pre-Certification of Wireless System

Attaching Entity Information			
Attaching Entity Name			
Address			
Contact Person			
Email			
Cell Number			

Manufacturer Information			
Manufacturer Name			
Address			
Manufacturer Website			
Manufacturer Contact Name			
Email		Phone	

Equipment Information			
Description			
Part / Item #		Model Number	
Dimensions (LxWxD inches)		Weight (lbs)	
Transmit Frequency Range		Receive Frequency Range	
Power Input (AC/DC)		Input (Volts/Amp/Watts)	
Power Output (AC/DC)		Output (Volts/Amp/Watts)	

Applicable manufacturer specification documents ("cut sheet") submitted with this form Y / N
Drawings of typical Attaching Entity proposed installation submitted with this form Y / N

Form Revised: 11/30/2010 Page 1 of 2



Request for Pre-Certification of Wireless System

For CPS Energy Use Only	
Date Received by CPS Energy	
Date Pre-Certification Approved	
By	
Printed Name	
Title	
Date	

Comments by CPS Energy:

*
_



B5: CPS Energy Authorization for Make-Ready Work



Authorization for Make-Ready Work

In response to Attaching Entity's Application No. _____, dated _____, CPS Energy has determined that Make-Ready Electrical Construction is required before the Attaching Entity may install its Attachment, Overlash, or Wireless Installation. Pursuant to CPS Energy's Pole Attachment Standards, Attaching Entity must authorize and made advance payment to CPS Energy for this Make-Ready Electrical Construction. The following is a summary of the estimated charges payable to CPS Energy for Make-Ready Electrical Construction associated with the above referenced Application. In accordance with Section II.I.3, this estimate is valid for fifteen (15) days from date of issue. Failure of the Attaching Entity to sign and return this authorization form within the fifteen (15) period will result in the Application being deemed cancelled by the Attaching Entity. Any true-ups to actual costs shall be completed in accordance with Section II.I.3.

<i>CPS Energy Work Request No.</i> _____	
Make-Ready Electrical Work	
Labor Total.....	\$
Equipment Total.....	\$
Material Total.....	\$
Other.....	\$
Sub-Total.....	\$
(Less Salvage Credit).....	\$
Total Cost:	\$

For CPS Energy	
By:	
Printed Name:	
Date Signed:	
Valid to Date:	

or Email: poleapplications@cpsenergy.com

Make Ready Work Acceptance

Attaching Entity authorizes CPS Energy, or its contractors, to proceed with the Make-Ready Electrical Construction associated with the above referenced Application. Payment of the estimated charges identified above for such Make-Ready Electrical Construction is enclosed.

For Attaching Entity	
By:	
Title:	
Telephone No:	
Date Signed:	



B6: CPS Energy Request for Waiver of Applicable Engineering Standards

cps ENERGY Request for Waiver of Applicable Engineering Standards

Submit form to poleapplications@cpsenergy.com Subject Line: Request for Waiver

Attaching Entity		Application Number	
-------------------------	--	---------------------------	--

Requestor	
Name	
E-mail Address	
Company	
Phone Number	
Cell Number	

Pole Attachment Standards Section Requested to be Waived <small>(Identify Section(s) by title/name proposed for waiver)</small>	
Description of Waiver Request <small>(A brief description of the specific waiver requested)</small>	

Business Case	
<small>(Include brief Business Case justification for the proposed waiver)</small>	
Safety	•
Reliability	•
Customer Service	•
Other	•

For CPS Energy Only	
Determination of Waiver	
By	
Printed Name	
Title	
Date	

Form Revised: 11/30/2010 Page 1 of 1



B7: CPS Energy Authorization for Make-Ready Work



August 30, 2017

Dear Attacher:

Enclosed please find the invoice(s) associated to the Electrical Make Ready Construction, to be completed by CPS Energy, related to the pole attachment application submitted. You may pay these charges as described below:

Bring the invoice(s) along with payment for the full amount to one of the CPS Energy Service Centers listed below:

Southside Customer Service Center
660 SW Military Dr. San Antonio TX 78221

Westside Customer Service Center
803 Castroville Rd Suite 406, San Antonio TX 78237

Northside Customer Service Center
7000 San Pedro, San Antonio TX 78216

Eastside Customer Service Center
4525 Rigsby Road Suite 112, San Antonio TX 78222

Please reference the invoice number(s) on your check to ensure that payment credit is applied to the correct work order(s). Additionally, please note that the work order(s) associated with the invoice(s) will not be scheduled for construction until after payment has been **received and processed** by CPS Energy. If you have any questions concerning this invoice(s), please contact the CPS Energy contractor that processed your application. Thank you.

Jesse Lopez, Manager
Pole Attachment Services
(210) 353-4381




B8: CPS Energy Request for Temporary Attachment

		Request for Temporary Attachment	
Submit form to poleapplications@cpsenergy.com Subject Line: Request for Temporary Attachment			
Attaching Entity		Application Number	
Date Temporary Attachment Required			
Requestor			
Name			
E-mail Address			
Company			
Phone Number			
Cell Number			
Work Request # <small>(WR# of the Make-Ready Electrical Construction required to completed for this Application)</small>			
Type of Temporary Attachment & Location (Pole #) <small>(Include Pole Number for Temporary Attachment requiring Make-Ready Electrical Construction)</small>			
New Attachment	FL#		
Overlash	FL#		
Wireless Installation	FL #		
Other	•		
Approval by CPS Energy			
By			
Printed Name			
Title			
Date			
<small>Form Revised: 11/30/2010</small>		<small>Page 1 of 1</small>	



B9: CPS Energy Completion of Attaching Entity Construction

 **Completion of Attaching Entity Construction**

Submit form to poleapplications@cpsenergy.com Subject Line: Construction Completion

Attaching Entity		Application Number	
-------------------------	--	---------------------------	--

Reported by	
Name	
E-mail Address	
Company	
Phone Number	
Cell Number	


Type and Date of Completed Construction <small>(Identify the type of Construction and list the date work was completed)</small>	
Date Make-Ready Electrical Construction Completed	
<small>Work Request Number</small>	WR#
Date Make-Ready Communication Construction Completed	
<small>Are all 3rd Party Attachments Successfully Transferred</small>	Yes / No
Date Make-Ready Wireless Installation Construction Completed	
<small>Are all 3rd Party Attachments Successfully Transferred</small>	Yes / No
Other	

Received by CPS Energy	
By	
Printed Name	
Title	
Date	

Form Revised: 11/30/2010 Page 1 of 1



B10: CPS Energy Notice to Proceed

 **Notice to Proceed**

Attaching Entity		Application Number	
Date of Application		WR# <i>(If Applicable)</i>	

In accordance with the applicable provisions of the CPS Energy Pole Attachment Standards (Standards), CPS Energy has:

_____ Approved the Application referenced above and has determined that no Make-Ready Electrical Construction is required for this Application. The Attaching Entity is now authorized to proceed with Make-Ready Communication Construction or Make-Ready Wireless Installation Construction, as appropriate, and to install its Attachment, Overlash, or Wireless Installation subject to compliance with the Standards.

_____ Approved the Application referenced above and completed all Make-Ready Electrical Construction required for this Application on _____. The Attaching Entity is now authorized to proceed with Make-Ready Communication Construction or Make-Ready Wireless Installation Construction, as appropriate, and to install its Attachment, Overlash, or Wireless Installation subject to compliance with the Standards.

For Attaching Entities utilizing the Competitive Provider – Area Wide Network Deployment Process Only

_____ Approved the Application referenced above. The Attaching Entity is now authorized to complete all Make-Ready Electrical Construction required for this Application and further, the Attaching Entity is authorized to proceed with Make-Ready Communication Construction and to install its Attachment or Overlash subject to compliance with the Standards.

Approval by CPS Energy	
By	
Printed Name	
Title	
Date	

Form Revised: 11/30/2016 Page 1 of 1



B11: CPS Energy Permit for Attachment, Wireless Installation, or Mid-Span Installation



Permit for Attachment, Wireless Installation, or Mid-Span Installation



Attaching Entity		Application Number	
Date of Application		Permit Number	

In accordance with the provisions of the CPS Energy Pole Attachment Standards (Standards), CPS Energy has:

- _____ Approved the Application and all Make-Ready Work associated with this Application. Therefore, CPS Energy is granting a Permit for the Attachments installed on CPS Energy Poles pursuant to the above referenced Application Number. This Permit is non-exclusive and subject to all provisions of the Pole Attachment Agreement and the Pole Attachment Standards.

- _____ Approved the Application and all Make-Ready Work associated with this Application. Therefore, CPS Energy is granting a Permit for the Wireless Installation mounted on CPS Energy Pole(s) pursuant to the above referenced Application Number. This Permit is non-exclusive and subject to all provisions of the Wireless Installation Agreement, the Wireless Installation Addendum, and the Pole Attachment Standards.

- _____ Approved the Notification and all Make-Ready Work associated with this Notification. Therefore, CPS Energy is granting a Permit for the Mid-Span Installation mounted on CPS Energy Pole(s) pursuant to the above referenced Notification Number. This Permit is non-exclusive and subject to all provisions of the Wireless Installation Agreement, the Wireless Installation Addendum, and the Pole Attachment Standards.

With the issuance of this Permit, CPS Energy will close the above referenced Application/Notification

Issued for CPS Energy	
By	
Printed Name	Jesse M. Lopez
Title	Manager, Pole Attachment Services
Date	



B12: CPS Energy Permit for Banner Attachment Hardware Installation



Permit for Banner Attachment Hardware

Attaching Entity		Application Number	
Date of Application		Permit Number	

In accordance with the provisions of the CPS Energy Pole Attachment Standards (Standards), CPS Energy has:

_____ Approved the Application and all Make-Ready Work associated with this Application. Therefore, CPS Energy is granting a Permit for the Banner Attachment Hardware made to CPS Energy Poles in the above referenced Application Number. This Permit is non-exclusive and subject to all provisions of the Banner Attachment Agreement and the Pole Attachment Standards.

_____ Approved the Application and all Make-Ready Work associated with this Application. Therefore, CPS Energy is granting a Temporary Banner Permit for the Banner Installation made to CPS Energy pole(s) in the above referenced Application Number. This Permit is non-exclusive and subject to all provisions of the Banner Attachment Agreement and the Pole Attachment Standards.

With the issuance of this Permit, CPS Energy will close the above referenced Application

Issued for CPS Energy	
By	
Printed Name	Jesse M. Lopez
Title	Manager, Pole Attachment Services
Date	



B13: CPS Energy Notice of Unauthorized Attachment or Unauthorized Wireless Installation



Notice of Unauthorized Attachment or Unauthorized Wireless Installation

Attaching Entity	
Primary Contact Person	
Title	
Address	
Phone	
Email	

Pursuant to the CPS Energy Pole Attachment Standards (Standards), the following Unauthorized Attachments or Unauthorized Wireless Installations have been identified on CPS Energy Facilities:

CPS Energy Pole Number	Description or Type of Unauthorized Equipment	Approximate Date Discovered	Unauthorized Attachment or Unauthorized Wireless Installation Charge
			\$
			\$
			\$
			\$
			\$
			\$
			\$
			\$

If you believe this finding of an Unauthorized Attachment or Unauthorized Wireless Installation is incorrect, you may dispute this finding within forty-five (45) calendar days pursuant to Section II.I.6 by providing to CPS Energy a copy of either (1) Permit for Attachment, (2) Permit for Wireless Installation, or (3) an approved Application from CPS Energy which covers the installations described above.

If you do not dispute this finding within forty-five (45) calendar days upon receipt of this Notice of Unauthorized Attachment or Unauthorized Wireless Installation, you must submit for the Unauthorized Attachment or Unauthorized Wireless Installation (1) an Application for a Permit, (2) the correct Application Fee, and (3) the Unauthorized Attachment Charge or Unauthorized Wireless Installations Charge to CPS Energy as noted above and invoiced.

Inquires related to this Notice shall be made to:

CPS Energy
Manager, Pole Attachment Services
Mail Drop 100201
San Antonio, TX 78296

For CPS Energy	
By	
Printed Name	Jesse M. Lopez
Title	Manager, Pole Attachment Services
Date Signed	



B14: CPS Energy Notice of Unauthorized Banner Attachment Hardware -Installation



Notice of Unauthorized Banner Attachment Hardware or Unauthorized Temporary Banner Installation

Attaching Entity	
Primary Contact Person	
Title	
Address	
Phone	
Email	

Pursuant to the CPS Energy Pole Attachment Standards (Standards), the following Unauthorized Banner Attachment Hardware or Unauthorized Temporary Banner Installations have been identified on CPS Energy Facilities:

CPS Energy Pole Number	Description or Type of Unauthorized Equipment	Approximate Date Discovered	Unauthorized Banner Attachment Hardware or Unauthorized Temporary Banner Installation Charge
			\$
			\$
			\$
			\$
			\$
			\$
			\$
			\$

If you believe this finding of an Unauthorized Banner Attachment Hardware or Unauthorized Temporary Banner Installation is incorrect, you may dispute this finding within forty-five (45) calendar days pursuant to Section III.6 by providing to CPS Energy a copy of either (1) Permit for Banner Attachment Hardware, (2) Permit for Temporary Banner Installation, or (3) an approved Application from CPS Energy which covers the installations described above.

If you do not dispute this finding within forty-five (45) calendar days upon receipt of this Notice of Unauthorized Banner Attachment Hardware or Unauthorized Temporary Banner Installation, you must submit for the Unauthorized Banner Attachment Hardware or Unauthorized Temporary Banner Installation (1) an Application for a Permit, (2) the correct Application Fee, and (3) the Unauthorized Banner Attachment Hardware Charge or Unauthorized Temporary Banner Installations Charge to CPS Energy as noted above and invoiced.

Inquiries related to this Notice shall be made to:

CPS Energy
Manager, Pole Attachment Services
Mail Drop 100201
San Antonio, TX 78296

For CPS Energy	
By	
Printed Name	Jesse M. Lopez
Title	Manager, Pole Attachment Services
Date Signed	



B15: CPS Energy Pole Attachment Standards Revision Request (PASRR)



Pole Attachment Standards Revision Request (PASRR)

Submit form to jmlopez@cpsenergy.com Subject Line: Standards Revision Request

PASRR Number		PASRR Title	
Date Received		Date Posted for Comments	

CPS Energy to complete the information above the line

PASRR requestor to complete the information below

Pole Attachment Standards Section(s) Requiring Revision <small>(Identify Section(s) by title/name proposed for revision)</small>	
Type of Revision <small>(See CPS Energy Pole Attachment Standards for Definitions of Tier 1 and Tier 2 Revisions)</small>	<input type="checkbox"/> Tier 1 Revision. <input type="checkbox"/> Tier 2 Revision. <input type="checkbox"/> Other: (explain)
Revision Description <small>(A brief description of the scope/impact of the revision requested)</small>	
Reason for Revision	<input type="checkbox"/> Addresses current operational issues. <input type="checkbox"/> Facilitates efficiencies or enhancements <input type="checkbox"/> Administrative <input type="checkbox"/> Regulatory or Legal requirements <input type="checkbox"/> Other: (explain)

Business Case	
<small>(Include brief Business Case justification for the proposed revision)</small>	
Safety	•
Reliability	•
Customer Service	•
Other	•



Pole Attachment Standards Revision Request (PASRR)

Requestor	
Name	
E-mail Address	
Company	
Phone Number	
Cell Number	

Proposed Standard Language Revision
<small>(Please provide proposed revision in 'red-line' format)</small>

*
_



**B16: CPS Energy Pole Attachment Standards Revision Request (PASRR)
Comment Form**



**Pole Attachment Standards Revision Request (PASRR)
Comment Form**

Submit form to jmlopez@cpsenergy.com

Subject Line: PASRR Comments

PASRR Number		PASRR Title	
--------------	--	-------------	--

Date	
------	--

Comment Submitter's Information	
Name	
E-mail Address	
Company	
Phone Number	
Cell Number	

Comments <small>(Please provide any specific comments regarding proposed PASRR)</small>

*
_

Revised Proposed Standard Language <small>(Please provide any proposed alternate revisions to the PASRR language in 'red-line' format)</small>
--

*
_



B17: CPS Energy Notice of Safety Violation



Notice of Safety Violation

Safety Violation Number		Date Issued	
--------------------------------	--	--------------------	--

Attaching Entity	
Primary Contact Person	
Title	
Address	
Phone	
Email	

Pursuant to the CPS Energy Pole Attachment Standards (Standards), CPS Energy has identified the following Safety Violation(s) on Attachments, Overlapping, or Wireless Installations owned by the Attaching Entity referenced above:

CPS Energy Pole Number	Description of Safety Violation	Approximate Date Discovered

Pursuant to Section II.K of the Standards, you are hereby given notice that you are required to correct the above referenced Safety Violation(s) within five (5) calendars days of issuance of this Notice of Safety Violation.

Failure to correct the above referenced Safety Violation(s) within five (5) calendar days of issuance of this Notice of Safety Violation will subject the above referenced Attaching Entity to enforcement actions and other remedies available to CPS Energy under the Pole Attachment Contract or the Standards.

Inquires related to this Notice shall be made to:

CPS Energy
Manager, Pole Attachment Services
Mail Drop 100201
San Antonio, TX 78296

For CPS Energy	
By	
Printed Name	Jesse M. Lopez
Title	Manager, Pole Attachment Services
Date Signed	



B18: CPS Energy Notice of Safety Violation Assessment Charge: CPS Energy Notice of Safety Violation Assessment Charge



Notice of Safety Violation Assessment Charge

Safety Violation Number		Original Date Issued	
-------------------------	--	----------------------	--

Attaching Entity	
Primary Contact Person	
Title	
Address	
Phone	
Email	

Pursuant to the CPS Energy Pole Attachment Standards (Standards), CPS Energy has identified the following Safety Violation(s) on Attachments, Overlapping, or Wireless Installations owned by the Attaching Entity referenced above and is levying Safety Violation Assessment Charges as shown below:

CPS Energy Pole Number	Description of Safety Violation	Approximate Date Discovered	Safety Violation Assessment Charge
			\$
			\$
			\$
			\$
			\$

Pursuant to Section II.K of the Standards, you may dispute such Safety Violation Assessment Charges within fifteen (15) calendar days of CPS Energy's issuance of this Notice of Safety Violation Assessment Charge (Notice).

Failure to dispute the Safety Violation Assessment Charges shown above within fifteen (15) calendar days of the issuance of this Notice, shall result in the Attaching Entity named above to pay the charges shown above in full within forty-five (45) calendar days of issuance of this Notice.

Failure to timely pay the Safety Violation Assessment Charge, shall subject the above referenced Attaching Entity to enforcement actions and other remedies available to CPS Energy under the Pole Attachment Contract or the Standards.

Inquires related to this Notice shall be made to:
CPS Energy
Manager, Pole Attachment Services
Mail Drop 100201
San Antonio, TX 78296

For CPS Energy	
By	
Printed Name	Jesse M. Lopez
Title	Manager, Pole Attachment Services
Date Issued	



B19: Notice to Remove Attachment(s) (Aesthetic or Civic Projects)

 Notice to Remove Attachment(s) (Aesthetic or Civic Projects)



Project Name		Date Issued	
---------------------	--	--------------------	--

Attaching Entity	
Primary Contact Person	
Title	
Address	
Phone	
Email	

Pursuant to the CPS Energy Pole Attachment Standards (Standards), CPS Energy is involved in a Civic Project at the request of the City other local government jurisdiction. CPS Energy reserves the right to remove any Wireline Attachment, Wireless Installation, and Banner Attachment at the Attaching Entity's expense without liability to CPS Energy if the owner fails to relocate its facilities.

Work Order Number	Project Name (Operations)	Remove By Date

Pursuant to Section III.B.4 of the Standards, you are hereby given notice that you are required to remove the above referenced facilities within forty-five (45) calendars days of issuance of this Notice to Remove Attachment(s).

Failure to remove the above referenced facilities within forty-five (45) calendar days of issuance of this Notice to Remove Attachment(s) will be subject to the above referenced Attaching Entity to enforcement actions and other remedies available to CPS Energy under the Pole Attachment Contract or the Standards. |

Inquires related to this Notice shall be made to:

CPS Energy
Manager, Pole Attachment Services
Mail Drop 100201
San Antonio, TX 78296

For CPS Energy	
By	
Printed Name	Jesse M. Lopez
Title	Manager, Pole Attachment Services
Date Signed	



**B20: Notice to Remove Attachment(s)
(Customer Requested Underground Relocation)**



**Notice to Remove Attachment(s)
(Customer Requested Underground Relocation)**

Project Name		Date Issued	
---------------------	--	--------------------	--

Attaching Entity	
Primary Contact Person	
Title	
Address	
Phone	
Email	

Pursuant to the CPS Energy Pole Attachment Standards (Standards), CPS Energy has undertaken a Customer Requested Underground Relocation project. CPS Energy reserves the right to remove any Wireline Attachment, Wireless Installation, and Banner Attachment at the Attaching Entity's expense without liability to CPS Energy.

CPS Energy WR #	Project Name (Operations)	Remove by Date

Pursuant to Section III.B.4 of the Standards, you are hereby given notice that you are required to remove the above referenced facilities within Thirty (30) calendars days of issuance of this Notice to Remove Attachment(s).

Failure to remove the above referenced facilities within Thirty (30) calendar days of issuance of this Notice to Remove Attachment(s) will be subject to the above referenced Attaching Entity to enforcement actions and other remedies available to CPS Energy under the Pole Attachment Contract, or the Standards.

Inquires related to this Notice shall be made to:
CPS Energy
Manager, Pole Attachment Services
Mail Drop 100201
San Antonio, TX 78296

For CPS Energy	
By	
Printed Name	Jesse M. Lopez
Title	Manager, Pole Attachment Services
Date Signed	



B21: Notice to Remove Attachment(s) (Underground Relocation)



Notice to Remove Attachment(s) (Underground Relocation)

Project Name		Date Issued	
---------------------	--	--------------------	--

Attaching Entity	
Primary Contact Person	
Title	
Address	
Phone	
Email	

Pursuant to the CPS Energy Pole Attachment Standards (Standards), CPS Energy has undertaken an Underground Relocation Project. CPS Energy reserves the right to remove any Wireline Attachment, Wireless Installations, and Banner Attachment at the Attaching Entity's expense without liability to CPS Energy.

CPS Energy WR #	Project Name (Operations)	Remove by Date

Pursuant to Section III.B.4 of the Standards, you are hereby given notice that you are required to remove the above referenced facilities within Sixty (60) calendars days of issuance of this Notice to Remove Attachment(s).

Failure to remove the above referenced facilities within Sixty (60) calendar days of issuance of this Notice to Remove Attachment(s) will be subject to the above referenced Attaching Entity to enforcement actions and other remedies available to CPS Energy under the Pole Attachment Contract or the Standards.

Inquires related to this Notice shall be made to:

CPS Energy
Manager, Pole Attachment Services
Mail Drop 100201
San Antonio, TX 78296

For CPS Energy	
By	
Printed Name	Jesse M. Lopez
Title	Manager, Pole Attachment Services
Date Signed	



B22: Notice for Overtime Charges



B21: Notice for Overtime Charges

Project Name		Date Issued	
---------------------	--	--------------------	--

Attaching Entity	
Primary Contact Person	
Title	
Address	
Phone	
Email	

Pursuant to the CPS Energy Pole Attachment Standards, CPS Energy is required to recover construction overtime charges that will be incurred during non-business hours in order to accommodate the installation of the requested attachment facilities by the requested date. The following is a summary of the construction overtime charges payable to CPS Energy for Make-Ready Electrical Construction associated with the above referenced application.

CPS Energy Work Request No. _____	
Make-Ready Electrical Work	
Straight Time Labor Total.....	\$
Original CAIC Invoice No.	
Overtime Labor Total.....	\$
Overtime CAIC Invoice No.	
Difference.....	\$
Total Cost:	\$

Make Ready Overtime Cost Acceptance

Attaching Entity authorizes CPS Energy, or its contractors, to proceed with the Overtime Charges associated with Make-Ready Electrical Construction for the above referenced Application.

Inquires related to this Notice shall be made to:

CPS Energy
 Manager, Pole Attachment Services
 Mail Drop 100201
 San Antonio, TX 78296

For CPS Energy	
By	
Foreman	
Attaching Entity	
Manager	
Printed Name	Jesse M. Lopez
Title	Manager, Pole Attachment Services



B23: Notice of Acceptance for Overlash Application



Notice of Acceptance for Overlash Application

Attaching Entity		Application Number	
Date of Application		Work Request Number	

In accordance with the provisions of the CPS Energy Pole Attachment Standards (Standards), CPS Energy has:

_____ **Overlash Application without CPS Energy Work Request.**
 Accepted the Application, including all Communication Make-Ready Work associated with the Application. Therefore, CPS Energy is closing the Application with the above referenced Application Number. This Notice is non-exclusive and subject to all provisions of the Pole Attachment Agreement and the Pole Attachment Standards.

_____ **Overlash Application with CPS Energy Work Request.**
 Accepted the Application, including all Communication Make-Ready Work associated with this Application. Therefore, CPS Energy is closing the Application with the above referenced Application Number. This Notice is non-exclusive and subject to all provisions of the Pole Attachment Agreement and the Pole Attachment Standards.

With the issuance of this Notice of Acceptance, CPS Energy will close the above referenced Application

Issued for CPS Energy	
By	
Printed Name	Jesse M. Lopez, P.E.
Title	Manager, Pole Attachment Services
Date	



B25: CPS Energy Notice of Acceptance of Mid-Span Notification



Notice of Acceptance of Mid-Span Notification



Attaching Entity		Notification Number	
Date of Notification		Work Request Number	

In accordance with the provisions of the CPS Energy Pole Attachment Standards (Standards), CPS Energy has:

_____ **Mid-Span Notification without CPS Energy Work Request.**
Accepted the Notification, including all Communication Make-Ready Work associated with the Notification. This Notice is non-exclusive and subject to all provisions of the Pole Attachment Agreement and the Pole Attachment Standards.

_____ **Mid-Span Notification with CPS Energy Work Request.**
Accepted the Notification, including all Communication Make-Ready Work associated with this Notification. This Notice is non-exclusive and subject to all provisions of the Pole Attachment Agreement and the Pole Attachment Standards.

With the issuance of this Notice of Acceptance, CPS Energy will close the above referenced Notification

Issued for CPS Energy	
By	
Printed Name	Jesse M. Lopez
Title	Manager, Pole Attachment Services
Date	



B26: CPS Energy Notice of Safety Violation for Mid-Span Installation



Notice of Safety Violation for Mid-Span Installation



Safety Violation Number		Date Issued	
-------------------------	--	-------------	--

Attaching Entity	
Primary Contact Person	
Title	
Address	
Phone	
Email	

Pursuant to the CPS Energy Pole Attachment Standards (Standards), CPS Energy has identified the following Safety Violation(s) on Mid-Span Installation owned by the Attaching Entity referenced above:

CPS Energy Pole Number	Description of Safety Violation	Approximate Date Discovered

Inquires related to this Notice shall be made to:

CPS Energy
Manager, Pole Attachment Services
Mail Drop 100201
San Antonio, TX 78296

For CPS Energy	
By	
Printed Name	Jesse M. Lopez
Title	Manager, Pole Attachment Services
Date Signed	



B26: CPS Energy Application for Wireless Installation Permit (Downtown Decorative Wireless Antenna Streetlight)



Pole Attachment Application (Downtown Streetlight)

Submit form to poleapplications@cpsenergy.com

Dashboard Link: <http://cpstab01#/views/DowntownStreetlightsforWirelessProviders/DowntownNetworkFEDStreetlights?iid=1>

(Dashboard can be viewed by your CPS Energy approved engineering contractor)

**All fields are required unless streetlight pole is not found in GIS. If not in GIS Latitude and Longitude must be entered.*

Otherwise application will be deemed "Incomplete" and will be rejected

*Attaching Entity		*Attacher Tag #	
*Latitude		*Longitude	
*GIS Address		*In GIS (Y/N)	
*GIS Pole Number		*GIS Street Light Number	

+

Submitted By	
Name	
E-mail Address	
Company	
Phone Number	
Cell Number	
Date	

Reviewed by CPS Energy	
Approve/Reject	
Name	
Title	
Date	

Poles not found in GIS will require additional review

**Must include actual streetlight photo*



B26: CPS Energy Application for Wireless Installation Permit (Residential Streetlight)



Pole Attachment Application (Residential Streetlight)



Submit form to poleapplications@cpsenergy.com

**All fields are required unless streetlight pole is not found in GIS. If not in GIS Latitude and longitude must be entered.*

Otherwise application will be deemed "Incomplete" and will be rejected

*Attaching Entity		*Attacher Tag #	
*Latitude		*Longitude	
*GIS Address		*In GIS (Y/N)	
*GIS Pole Number		*GIS Street Light Number	

Submitted By	
Name	
E-mail Address	
Company	
Phone Number	
Cell Number	
Date	


Reviewed by CPS Energy	
Approve/Reject	
Name	
Title	
Date	

Poles not found in GIS will require additional review

***Must include actual streetlight photo**



Appendix C: CPS Energy Notice of Dispute Form



CPS Energy – Notice of Dispute Form

CPS Energy is committed to reviewing and resolving a dispute of your claim in a fair and efficient manner. If you are disputing CPS Energy’s liability decision, you may notify us within five (5) business days of receiving our Collection Notice Letter by completing this form and sending to the Claims Department.

Please complete this form by printing legibly, attaching any new pertinent information to support your dispute, and send to: **CPS Energy Claims Department Maildrop 110902 P.O. Box 1771 San Antonio, TX 78296.**

CPS Energy Claims management may assign the dispute to an internal independent review panel which will provide a *de novo* review of the claim file, including this Notice of Dispute Form, and any supporting documentation you may submitted. CPS Energy will notify you of the **final** determination of liability within thirty (30) calendar days of receipt of this Form.

CPS Energy Claim File Number: _____

Name of Company (Attaching Entity): _____

Company Representative: _____

Phone Number: _____ **Email:** _____

Please describe the reason(s) for your dispute and attach any new supporting documents, photographs, and/or diagram.

Dispute Reason(s):

145 Navarro, P.O. Box 1771 San Antonio, Texas 78296



Appendix D: CPS Energy Specifications for Attachments, Wireless Installations & Banner Attachments

The following engineering and construction specifications practices will be followed by the Attaching Entity when making Attachments, Wireless Installations or Banner Attachments to CPS Energy pole structures, as appropriate. The items listed below are not an exhaustive list, and are intended to supplement, not replace the National Electrical Safety Code (NESC) or other Applicable Engineering Standards required by the Pole Attachment Agreement, Wireless Installation Agreement, Banner Attachment Agreement, CPS Energy Pole Attachment Standards, or other applicable CPS Energy standards and specifications.

A. Wire Attachments:

- 1. Attachment and Cable Clearances:** Attaching Entity's Attachments on CPS Energy Poles, including metal attachment clamps and bolts, metal cross-arm supports, bolts and other equipment, must be attached so as to maintain the minimum separations specified in the National Electrical Safety Code (NESC) and in the CPS Energy drawings and standards provided in Appendix E and Appendix F. CPS Energy adopts and requires Attaching Entity's compliance with revisions of the NESC upon adoption by NESC of those revisions. Compliance with NESC sections pertaining to overhead communication lines ***will be stringently enforced*** by CPS Energy.
- 2. Sag and Mid-Span Clearances:** Attaching Entity will leave proper sag in its lines and cables and shall observe the established sag of power line conductors and other cables so that minimum clearances are (a) achieved at Poles located on both ends of the span; and (b) retained throughout the span. At mid-span, a minimum of four inches (4") of separation must be maintained between any other communication cables. At the Pole support, a twelve inch (12") spacing must be maintained between Attaching Entity's connection and any other Attaching Entities connection as noted in Appendix F.
- 3. Vertical Runs on Poles:** All vertical runs on Poles, including those for power feed for TV amplifiers, shall be placed on the quarter faces of the Pole and shall be covered by a riser guard with a two-inch (2") clearance in any direction from cable, bolts clamps, metal supports and other equipment. The riser guard must not cover or obstruct any CPS Energy identification tags on the pole. However, Attacher may request CPS Energy to relocate the CPS Energy identification tags at the Attacher's expense and subject to CPS Energy sole discretion. Secondary cable providing service to Overhead Streetlights may be covered with non-metallic conduit to allow minimum clearances to communication cables as permitted in the NESC.
- 4. Cable Bonding:** An Attaching Entity's Messenger cable shall be bonded to the CPS Energy Pole ground wire at each CPS Energy Pole that has a ground wire.



5. Down Guys and Anchors:

- a) Down guys shall not be bonded to ground or Neutral wires of the CPS Energy Pole and shall not provide a current path to ground from the Pole ground or power system Neutral.
- b) All Attaching Entities shall provide their own anchors. **Under no circumstances** is the Attaching Entity allowed to attach its guy to a CPS Energy anchor. Attaching Entity's anchors shall strive to be a minimum of four (4) feet from the CPS Energy anchor.
- c) No Attachments may be installed on a Pole until all required guys and anchors are installed. No Attachment may be modified, added to, or relocated in such a way as will materially increase the stress or loading on a Pole until all required guys and anchors are installed.
- d) Anchors and guys must be installed on each Pole where an angle or dead-end occurs. Attaching Entity shall make guy attachments to Poles at or below the height of its cable Attachment.

6. Service Drop Clearance: The parallel minimum separation between an Attaching Entity's Service Drops and telephone Service Drops shall be six inches (6"), and the crossover separation between the drops shall be twelve inches (12").

7. Omitted.

8. Service Clearances: A four-inch (4") separation shall be maintained between CPS Energy's service cable and any other Attaching Entities facilities located on the customer's private property in accordance with the National Electric Code (NEC).

9. Climbing Space: All Attachments must be placed as to allow and maintain at all times, a clear and proper climbing space on the face of the CPS Energy Pole. Cable Attachments shall be placed on the same side of the Pole as existing telephone or communication cables. In general, all other facilities and vertical runs should be placed on Pole quarter faces.

10. Riser Installations: All Riser installations, including those providing 120/240 volt power for Attaching Entity's equipment enclosure shall be placed on the quarter faces of a Pole and limited such that one side (180 degrees) of the pole is kept clear for climbing space and future replacement of the pole and must be installed in CPS Energy approved conduit with a weatherhead attached to the Pole with metal stand-off brackets. Communication cable Risers shall be located on the same side of the pole as the overhead communication cables are attached and must not cover or obstruct any CPS Energy pole identification tags on the pole. However, Attacher may request CPS Energy to relocate the CPS Energy identification tags at the Attacher's expense and



subject to CPS Energy sole discretion. Ground wires may be attached directly to the Pole. There shall be forty (40") inch separation from the top of an electric Riser to the highest communication line.

11. **Identification:** All Attaching Entity's Communication Facilities, including all cable, shall be identified with Tags as required by these Standards and described in Appendix K.
12. **Telecommunication Cables:** All telecommunication cables not owned by CPS Energy shall be attached within the Communication Space that is located no less than forty inches (40") below the CPS Energy Neutral.
13. **Communication Worker Safety Zone:** The Communication Worker Safety Zone between Communication Facilities and supply facilities on the same Pole extends horizontally out to the boundaries of the climbing space and working space as described in the NESC. The Communication Worker Safety Zone is measured vertically from the level of the closest surface of the Communication Facility to the level of the closest surface of the electrical supply facility. The required clearance of the Communication Worker Safety Zone is measured vertically between the levels of the equipment involved. Stand-off bracket installation will not be allowed to meet the forty inch (40") clearance requirement. No mounting brackets are permitted in the Communication Worker Safety Zone.
14. **Platforms:** Communication Facilities/Attachments must dip underground one Pole before and one Pole after on all CPS Energy Platforms for step-down and voltage-regulator banks.
15. **Power Supply:** Attaching Entity shall install no power supply on any CPS Energy Pole on which underground services, capacitor banks, sectionalizing equipment, voltage-regulators, or other CPS Energy equipment is already installed.
16. **Disconnect or Breaker.** No electrical service connection to a communication power supply shall be made or installed by Attaching Entity until CPS Energy shall have completed an inspection of an approved fused service disconnect or circuit breaker installed by the Attaching Entity.
17. **Relocating Attachments:** When moving an Attachment from one location to another, Attaching Entity shall immediately treat all affected holes left in the Pole with industry-acceptable wood preservative and plug all holes left by such Attachments.
18. **Bolts:** No bolt used by Attaching Entity to attach its Communication Facilities shall extend or project more than one inch (1") beyond its nut.



19. **Workmanship:** Attaching Entity shall install and maintain any and all of its Communication Facilities in a neat and workmanlike manner consistent with the maintenance of the overall appearance of the Pole as determined by CPS Energy in its sole discretion.
20. **Attachment Arm:** All Wireline Attachments shall be installed without the use of Attachment Arms, extension arms, stand-off brackets or similar hardware, unless otherwise approved in advance by CPS Energy for each Pole. The proposed use of Attachment Arms, extension arms, stand-off brackets or similar hardware by an Attaching Entity shall be identified on the Application for Permit.
21. **Overhead Streetlight Clearances:** Any Wireline Attachment proposing to attach below the Overhead Streetlight fixture, shall be installed 12” minimum below the bottom mast arm or drip loop of the Overhead Streetlight supply conductor whichever is lowest. If proposing to attach 4” above the top mast arm, the Overhead Streetlight supply conductor shall be covered with a non-metallic conduit. See Appendix F-1.



B. Wireless Installations:

1. **FCC OET Bulletin 65 (Maximum Permissible Exposure):** A Wireless Provider shall comply with all provisions and guidelines of the FCC OET Bulletin 65, as may be amended from time to time. As part of the Pre-Certified Equipment process, and prior to CPS Energy granting any Permit to attach, a Wireless Provider shall submit a report certifying FCC OET 65 compliance for each applied or licensed Wireless Installation location. The report can be in the format of the Wireless Provider's regulatory department standards. The following elements, at a minimum, must be contained within the report:
 - a) A statement of compliance (or non-compliance),
 - b) Date of the report,
 - c) Date of statement of compliance,
 - d) CPS Energy Pole Number proposed for the Wireless Installation,
 - e) Attaching Entity's site or identification number for the Wireless Installation,
 - f) GPS coordinates of the proposed pole for the Wireless Installation,
 - g) Calculation of RF power at the transmitter or Remote Radio Heads,
 - h) Calculation of RF power at the Antennas, and
 - i) Location of the applicable signage with above ground level height listed.
 - j) Wireless Equipment Specifications – Data Sheets for all Wireless Equipment that make up the Wireless Installation setup. The data sheets shall include, at a minimum, voltage requirements, ERP, EHF, licensed and unlicensed frequencies, duty cycle, and FCC license reference copy. This information shall be organized based on the four components of the Wireless Installation:
 - (i) Antennas, including brackets, cables, conduit, and enclosures.
 - (ii) Wireless Equipment Electronics, including Remote Radio Heads, transmitters, transceivers, receivers, related electronic components, communications cables, power supply wires, conduit, and enclosures.
 - (iii) Backhaul Equipment, identify whether backhaul will be provided by wireless antenna (including all applicable components) or by landline (fiber/other), including the type of communications facility providing backhaul, name of communications provider, conduit, and type of network interface device or other component marking the point of demarcation with the communications provider.
 - (iv) Power Supply, including the type of Service Disconnect Switch used to shut off power and mark the point of delivery for electricity.
 - k) Wireless Interference Analysis Report
 - (i) The Wireless Provider must provide contact information for Wireless Interference analysis follow up and for coordination when operational



circumstances require a power down of Wireless Equipment. Provide the following contact information:

- Contact Name
- Contact Phone Number
- Contact Email
- Contact Company Name
- Contact Company Address

- l) Interference Analysis – Report should include any calculated interference that could be produced via interaction with CPS Energy licensed frequencies.
- (i) C to I based study should be performed if carrier frequencies are adjacent or co-channel to CPS Energy frequencies.
 - (ii) Study should list results in dB and can be done on service area basis.
- m) Intermodulation Analysis – The Intermodulation Analysis Report (the “Report”) must include a clearly written interference analysis of the Wireless Provider’s licensed and unlicensed frequencies against the target frequencies provided by CPS Energy.
- (i) Assume minimum range of collocation to maximum range of source to be two-thousand (2000’) feet.
 - (ii) If planned Wireless Equipment is to be within one mile of another FCC licensed transmitter, the Report shall include those additional frequencies.
 - (iii) The Report shall also include any known interference that could be produced via interaction with other FCC licensees in the referenced application band of frequencies.
 1. For the purpose of this item, assumed minimum range of collocation to maximum range of source to be two-thousand (2000’).
 2. Resulting report shall show non-interference against the target CPS Energy frequencies to the seventh order.

CPS Energy reserves the right not to accept Reports that CPS Energy in its reasonable discretion deem incomplete, contradictory, and/or erroneous. All statements of compliance must be signed by an authorized and responsible employee of the Wireless Provider or the FCC licensee that owns the licensed frequencies subject to compliance, if the Wireless Provider is not the same party (the “Licensed Party”). The Wireless Provider or Licensed Party is required to resubmit an annual Report and Statement of Compliance for each permitted Wireless Installation location. The annual Report will be due on the anniversary date for annual reports set by CPS Energy in Section II.F.

2. **RF Signage Requirements.** Approved signage compliant with FCC OET Bulletin 65 shall be posted at each Pole or Streetlight Pole hosting a Wireless Installation, and/or at multiple locations on such pole structure as required by FCC OET 65. The RF signage shall comply with the appropriate and predetermined exposure level applicable

to: “General Public”, “Occupational Worker”, and “Specialized Worker” as shown in the figure below.



All signage shall be 8” x 12” and made of weather, corrosion, and Ultra-Violet (UV) resistant materials.

3. **Antenna.** All Antennas shall be located in a defined Antenna Area as provided in the illustrations in Appendix I. The Antenna Area is not exclusive for the Wireless Provider’s sole use, but shall be subject to CPS Energy’s use and operation of the Pole. Antennas shall be bracketed onto the Poles or Streetlight Poles, excluding Pole Top Antennas Poles.
 - a) **Mid-Pole Antenna Type, Size and Quantity** – Antennas can be of a panel or omnidirectional type. Panel Antennas cannot exceed twelve inches (12”) in height (vertical length), twelve inches (12”) in width, or eight inches (8”) in depth. Omni directional antennas cannot exceed twelve inches (12”) in height (vertical length), twelve inches (12”) in width (depth and with are the same measurement of an omnidirectional antenna). There can only be one (1) antenna cylinder enclosure for a Mid-Pole Antenna installation. Additional consideration for Antenna height is specified in Appendix I.
 - b) **Pole-Top Antenna Type, Size and Quantity** – Antennas can be of a panel and/or omnidirectional type. Panel Antennas cannot exceed thirty-six inches (36”) in height (vertical length), twelve inches (12”) in width, or eight inches (8”) in depth. Omni directional antennas cannot exceed thirty-six inches (36”) in height (vertical length), twelve inches (12”) in width (depth and with are the same measurement of an omnidirectional antenna). There can only be four (4) antenna cylinder enclosure for a Pole-Top Antenna installation. Additional consideration for Antenna height is specified in Appendix I.



- c) Licensed Frequency - Antennas shall only transmit or receive frequencies that are licensed by the FCC to the Wireless Provider. No third-party agreements are accepted for non-licensed Wireless Providers to transmit or receive frequencies of another FCC-licensed entity. Frequency bands listed by the FCC to be unlicensed, and available for open use, may be transmitted or received, as long as they do not cause interference with another Attaching Entity, FCC-license entity, or CPS Energy.
- d) Attachment Position and Defined Space
- (i) Antenna clearances in any direction from supply and other communications lines shall be in compliance with this Section B.3 (Antenna), Section B.11 (Mid-Span Installations), Section B.12 (Pole Top Space Installations), B.13 (Mid-Pole Installations) and Appendix I. In no circumstance shall an Antenna clearance be less than specified by the NESC.¹³
 - (ii) A standoff bracket, supplement mounting pipe, and related hardware cannot be greater than twelve inches (12") in height (vertically) and six inches (6") in length (horizontally). Antenna Area cannot occupy more than three (3) individual quarters of any pole's cross-section. Additional Antenna accessory equipment may be installed within the limitations of the defined Antenna Area. Antenna accessory equipment cannot interfere with the operation or use of the applicable pole by other permitted Attaching Entities or expressly CPS Energy. Antenna accessory equipment can be affixed to the Attaching Entity's standoff or Antennas. All Antenna accessory equipment must be listed on the Application at the time of submittal and included in any post-installation inventory.
- e) Emergency RF/Power Shut-Off – CPS Energy shall open the Service Disconnect Switch prior to performing any work on CPS Energy Pole in order to de-energize the Antenna. Any backup power shall also be disconnected when the Service Disconnect Switch is operated.
4. Riser Cable. Riser cables are used to connect Antennas and Antenna accessory equipment, backhaul services, and power lines to Wireless Equipment components. All Riser Cables shall be in conduit with top side weatherheads. Power cables transporting AC power shall be in separate conduit from DC power or telecommunications cable. All conduit shall be schedule 40 Rigid Steel Conduit (RSC) finished galvanized and painted to match the Pole. All metallic conduit shall be bond to ground at the Antenna Area ground point and at the Wireless Equipment area ground point.

¹³ Rule 235I, 2017 NESC, C2-2017.



- a) Type, Size and Quantity - Cables can be coaxial, fiber optic, solid or stranded metallic conductor. Hybrid cables, cable with two or more cable types enclose in one sheath, are permitted. No exposed Riser cables, Riser cables not in conduit, shall exceed the nominal size of 5/8 inch for coaxial or fiber optic, or 2 AWG for solid or stranded metallic conductor.
 - b) Attachment Position and Defined Space - Riser cables must be affixed to the structure with a two (2) hole pipe straps (minimum of 3 required to support the service raceway). No exposed Riser cable slack to be stored externally. All slack to be stored in junction boxes or Wireless Equipment Cabinets within the Wireless Equipment area.
5. **Radio Equipment.** Radio equipment can be located in RRHs, housed in the Wireless Equipment Cabinet, or even within the Antenna itself. The most common application of radio equipment is in the RRH. Radio equipment can transmit or receive.
- a) Type, Size and Quantity - Radio equipment is not limited to size or quantity.
 - b) Attachment Position and Defined Space - Radio equipment shall be housed in the Wireless Equipment Cabinet. An RRH shall not be mounted within the Antenna Area or Pole Top Space.
6. **Wireless Equipment Cabinets and Slab-Mounted Cabinet.** A Wireless Equipment Cabinet or Slab-Mounted Cabinet is a weathertight housing purposed to mount components of the Wireless Installation. Typical devices housed in a Wireless Equipment Cabinet or Slab-Mounted Cabinet include: radio equipment, routers, network interface devices, splice trays, computer electronics, DC power plants, power inverters, circuit breakers, batteries, fans, heat exchangers, and assorted cable jumpers interfaces. Wireless Installations shall be deployed based on the following two installation designs:
- a) **Slab-Mounted Equipment Cabinet Installation.** A Slab-Mounted Equipment Cabinet installation is an available option installation design for Wireless Installations, provided such installation does not create an obstruction in Public Right of Way. A Slab-Mounted Equipment Cabinet must be at least twenty-five feet (25') from any CPS Energy pole structure, anchor, guy, conduit, or Riser as shown in Appendix I, and must not exceed the dimension requirements in Chapter 284 of the Texas Local Government Code. Irrespective of statutory requirements, CPS Energy encourages Wireless Providers to reduce the footprint of the Slab-Mounted Equipment Cabinet. CPS Energy does not grant permission for Wireless



Equipment to be located on third-party property. It is the responsibility of the Wireless Provider to secure legal authority to use such private property. Slab-Mounted Equipment Cabinet installations must include provisions for CPS Energy Meter and the Service Disconnect Switch. All such installations must comply with CPS Energy Electric Service Standards and are subject to review and approval. For Slab-Mounted Equipment Cabinet installation, the Antenna will be installed on a CPS Energy pole structure.¹⁴

b) **Wireless Equipment Cabinet Installation.** A pole-mounted Wireless Equipment Cabinet installation design is an available option for a Wireless Installation. All Wireless Equipment shall be installed inside of the Wireless Equipment Cabinet for all pole-mounted installations.

- (i) Color and Dimensions - A Wireless Equipment Cabinet mounted on a CPS Energy pole structure shall match as close as possible the color of the pole structure. The maximum dimension for any Wireless Equipment Cabinet shall (1) not exceed sixty inches (60”) in height, twenty-four (24”) in width, and twenty-four (24”) in depth; and (2) must be bracketed to the pole structure.
- (ii) Weight of Equipment, Prohibited Poles - The total weight of any Wireless Installation for a Wireless Equipment Area cannot exceed two-hundred pounds (200 lbs.). CPS Energy will review the required PLA in order to approve the pole structure chosen prior to the installation of all new Wireless Equipment Cabinet to confirm that the structure is suitable for the installation. Wireless Equipment Cabinets may not be installed on:
 - 1. Junction Poles (a Pole where the CPS Energy primary electric distribution line runs in three or more directions);
 - 2. Poles that are 60 feet or greater in size;
 - 3. Poles where CPS Energy has two circuits of primary electric distribution lines;

¹⁴ In instances where a provider intends to erect a “node support pole” pursuant to Chapter 284 of the Texas Local Government Code, the provider must request electric service from CPS Energy. The provider shall (1) obtain an address from the local jurisdiction; (2) provide CPS Energy the GIS coordinates for the node support pole; (3) install a Slab-Mounted Equipment Cabinet or pole-mounted Wireless Equipment Cabinet; (4) install the node support pole at least twenty-five feet (25’) from any CPS Energy pole, anchor, guy, conduit, or Riser; (5) install the antenna on the node support pole a minimum distance of ten feet (10’) from CPS Energy’s neutral conductor and twenty feet (20’) from any CPS Energy wireless antenna; and (6) otherwise comply with the requirements of Appendix I, Addendum 1. CPS Energy is adopting these specifications as Applicable Engineering Standards.



4. Poles with vertical construction and single phase pole top installations;
 5. Transmission poles;
 6. Poles with a Wireless Equipment Cabinet or Banner Attachment already installed by another Attaching Entity;
 7. Poles with cabinets containing controls such as fire alarm, police signal, or traffic signals;
 8. Poles with capacitor controls, regulator controls, recloser controls, air switch operating handles, or an existing single-phase or three-phase overhead transformer bank;
 9. Poles that are not accessible to mechanized equipment (i.e., a bucket truck); and
 10. Poles with underground electric or communication Riser conduits;
 11. Poles not accessible to mechanized equipment (i.e., a bucket truck).
 12. Pole structures used for guying purposes.
 13. All breakaway base streetlight poles
- c) **Markings** – Wireless Providers shall install 8” x 12” signs or decals made of weather, corrosion, and UV resistant materials easily visible from the ground level. At a minimum, each sign or decal shall indicate the Antenna’s owner/operator’s name, emergency 24-hour contact number, and unique identifier for that Antenna site.
- d) **Wireless Equipment Installations** - Installation of Wireless Equipment Cabinets and Wireless Equipment Area for DAS Systems may be located outside the Public Right of Way. CPS Energy does not grant permission for Wireless Installations to be located on third-party property. It is the responsibility of the Attaching Entity to secure legal authority to use such private property.
7. **Conduit Requirements.** Conduits described in this section refer to below ground conduits and transitions to Riser cable conduits or Wireless Equipment Cabinets.
- a) **Type, Size and Quantity** - Below ground, all horizontal runs shall be schedule 40 PVC or SRD-11 HDPE. Transitions to above ground shall be in schedule 40 RGS conduit with galvanized finish. All coupling points shall be threaded mechanical or solvent-welded and watertight. Conduits cannot exceed a diameter of four inches (4”). No more than four (4) conduits shall be permitted to affix to Wireless Equipment Cabinets or Riser cable conduit.
- b) **Conduit Location** - Conduits shall remain twelve inches (12”) from all other Wireless Equipment below ground facilities. All conduits shall be locatable and the



responsibility of the Attaching Entity to locate per Texas law and the regulations of the Damage Prevention Councils of Texas.

8. Backhaul Service. Backhaul service refers to the side of the network that communicates with the core network and not between localized components of the Wireless Installation installed on a pole structure. Backhaul service can either be wireline or wireless.

a) **Wireline Backhaul** - Wireline backhaul service is typically fiber optic, as copper circuits do not provide the necessary bandwidth for data throughput. Copper telephone circuits and coaxial cables can as be use for wireline backhaul if bandwidth speeds allow. All provision of Section IV and Section V of the Standards apply to the installation of wireline backhaul services.

(i) *Self-Provisioned* - The Wireless Provider may provide its own backhaul service if it has accepted a Pole Attachment Agreement and the communications facility. The self-provisioned wire communications facility may be existing or proposed. CPS Energy will make best efforts to review both the wire Attachment Application and the Wireless Installation Application concurrently. Applications and all associated documents must have a common reference name for any concurrent Applications to be considered as part of a common project.

(ii) *Third-Party Provided* - A Wireless Provider may contract backhaul service from another Attaching Entity. The third-party provided wire communications facility may be existing or proposed. If proposed, the third-party Attaching Entity must have an executed Pole Attachment Agreement and shall submit the Attachment Applications at the same time as the Wireless Installation Application is submitted. CPS Energy will make best efforts to review both the third-party wire Attachment Application and the Wireless Installation Application concurrently, but each Application shall be treated separately for contractual purposes. Applications and all associated documents must have a common reference name for any concurrent Application to be considered as part of a common project.

(iii) *Type of Backhaul Facility* - Typically, the backhaul facility is a wire Attachment on the same pole structure as the Wireless Installation. Underground backhaul facilities are permitted when transitioning from any of the following: (1) another CPS Energy Pole line; (2) a transportation crossing; or (3) to an Attaching Entity installed pole. Applications with predominately all underground backhaul services will not be approved.



- (iv) *Point of Demarcation* – The Backhaul Network Interface Device is to be clearly stated on the submitted engineering drawings, as required with the Pre-Certified Equipment form and the Application, with the provider of backhaul services clearly identified.
 - b) Wireless Backhaul - The Wireless Installation has the option to use wireless backhaul services. Any Antenna for wireless backhaul services is counted towards one (1) of the three (3) total cylinder antenna enclosures allowed on a pole structure. Wireless backhaul service Antennas shall comply with all the specifications listed in Appendix D, Section B.3.
 - (i) *Type, Size and Quantity* - All specification in Appendix D, Section B.3 shall apply. In addition, wireless backhaul Antennas shall have the specific azimuth (accurate to the degree) and the length of the link path (accurate to the tenth of a mile) listed on the submitted drawings required by the Application.
 - (ii) *Attachment Position and Defined Space* - All specifications in Appendix D, Section B.3 shall apply.
 - (iii) *Self-Provisioned* - Self-Provisioned wireless backhaul services will be approved by CPS Energy, consistent with the applicable provisions of the Wireless Installation Agreement and these Standards.
 - (iv) *Third-Party Provided* - Third-party wireless backhaul services are prohibited by CPS Energy.
 - (v) *Point of Demarcation* - Wireless backhaul services equipment shall be installed pursuant to the technical requirements of Appendix I.
8. **Bonding.** It is the policy and practice of CPS Energy to ground all Pole structures installed as part of CPS Energy’s distribution system and streetlight service. Wireless Providers are required to install their own specific ground electrode and ground bond for their Wireless Installations. All of the following defined Wireless Equipment components, or pole appurtenance listed, must be bonded: (1) Antenna(s), (2) Antenna brackets (if applicable), (3) Riser conduit(s), (4) RRH(s), and (5) Wireless Equipment Cabinets. There will be one central point of bonding at the Antenna Area and also at the Wireless Equipment Area (pole or ground mounted). Central points of bonding shall be a ground bar measuring no greater than, four inches (4”) high, twelve inches (12”) wide, and exactly one-fourth inch (1/4”) thick. Any two ground bars on a pole structure. Pole must be connected via #2 AWG solid wire (aluminum, copper, copper-clad aluminum, copper-clad steel) exothermically welded. All connections from



wireless components with factory-installed ground posts will be bonded with solid or stranded wire mechanically (or hydraulically) crimp with lugs – the wire shall be aluminum, copper-clad aluminum, copper, copper-clad steel and between #2 AWG to #6 AWG in size. Lugs on the ground bar side will have two lug holes and two mechanical fasteners. A fastener bolt nominal thread size (or factory grounding post) for bonding shall be no smaller than one-sixteenth inch (1/16”) diameter than the lug hole or ground bar hole. The closest ground bar to grade on any pole structure will be bonded via #2 AWG solid wire exothermically welded to ground rod. Ground rods shall be steel or copper-cad steel, 5/8-3/4 inches in diameter, and driven at least eight feet (8’) below grade in undisturbed soil. All mechanical connections shall be “tool-tight” with no play or slack if manipulated by hand. All metal material bonded must be non-reactive to inhibit corrosion.

- a) Existing Ground Present - An Application for any Wireless Installation shall note if a CPS Energy ground is present or not at the specific pole structure location proposed for the Wireless Installation. When an existing CPS Energy ground and/or an Attaching Entity ground is present, the Wireless Installation ground bonding electrode shall be bonded to existing ground rod(s) at a minimum of twelve inches (12”) below grade. The ground wire size will be #2 AWG and exothermically bonded on each ground rod. All Wireless Installation ground rods shall be at a minimum twelve inches (12”) from other ground rods and/or anchors.
 - (i) *No Sharing of CPS Energy Grounding Facilities* - Wireless Installations shall not bond to existing CPS Energy Facilities for grounding unless specifically approved in writing by CPS Energy.
- b) No Ground Present – An Application for any Wireless Installation shall note if a CPS Energy ground is present or not at the specific pole location proposed for the Wireless Installation. If no ground is present, adding a CPS Energy ground may be an applicable task for any CPS Energy-approved Make-Ready Work.

10. Electric Service.

- a) Equipment Subject to Electric Service - Wireless Equipment requiring electrical service shall follow all applicable codes and regulations, including the National Electric Code, as well as obtaining applicable local building and/or electrical permits.



- b) **Compliance with CPS Energy’s Electric Service Standards** – The Wireless Provider shall comply with all applicable requirements provided in the CPS Energy Electric Service Standards, as amended from time to time, for its Wireless Installation.
- (i) *Application for Electric Service* – The Attaching Entity must make an application for electrical service from CPS Energy as required by CPS Energy’s Rules and Regulations Applying to Retail Electric and Gas Service, as may be amended from time to time. The electric service application is not part of the Application for the Wireless Installation Permit. Electric service applications shall be received and processed by CPS Energy Customer Engineering not by Pole Attachment Services. Completed application may be submitted by either mail U.S. mail, electronically to ce@cpsenergy.com, or other means mutually agreeable by CPS Energy and the Wireless Provider.
- (ii) *Electric Metering* – All electric services for Wireless Installations will be metered. CPS Energy’s responsibility for the delivery of electricity to a Wireless Installation ends at the “point of delivery” as that term is defined in CPS Energy Electric Service Standards. The “point of delivery” for Wireless Installations shall be as follows:
- a) *Slab-Mounted Equipment Cabinet* - For Wireless Installations deployed using the Slab-Mounted Equipment Cabinet design, the “point of delivery” shall be at the line side of the meter socket located in the cabinet as provided in CPS Energy’s Electric Service Standards.
- b) *Wireless Equipment Cabinet* – For Wireless Installations deployed using the pole-mounted Wireless Equipment Cabinet design, the “point of delivery” shall be at the junction (service head) as provided in CPS Energy’s Electric Service Standards.
- c) **Technical Drawings of Equipment Subject to Electric Service** – Technical drawings identifying all electrical specifications and requirements for the Wireless Installation shall be provided to CPS Energy as part of the Pre-Certified Equipment process outlined in Section III.A.14., and should accompany every Application for a Wireless Installation.
- d) **Backup Power** – Backup power devices are not allowed.

11. Mid-Span Installations. All Mid-Span Installations shall be no closer than thirty-six inches (36”) or no further than seventy-two inches (72”) from any CPS Energy Pole as provided in Appendix I.



12. Pole Top Space Installations. Any Antenna installation in the Pole Top Space portion of a CPS Energy pole structure must be on a wood or steel pole, and the engineering and installation of such shall be part of the Make-Ready Work. All wood or steel pole structures must be approved by CPS Energy. Pole Top Antenna Installations shall comply with the following requirements:

- a) Any Antenna in the Pole Top Space must not exceed twenty-four inches (36”) in height (vertical length) and must meet the sixty inches (60”) clearance requirement from the closest electrical conductor. All other specifications for an Antenna in Appendix D shall apply. Additional specification and details for round-sectored Antenna designs are provided in Appendix I.
- b) U-Guard must be used to cover the cables which run from the Pole Top Antenna to the Wireless Equipment Cabinet and must be installed opposite of “B” phase on the pole structure.
- c) CPS Energy shall install a ten foot (10’) cross arm on all Pole Top Antenna installation designs.

13. Mid-Pole Installations. Any Antenna installation in the mid-pole portion of a CPS Energy pole structure must be on a wood or steel pole, and the engineering and installation of such shall be part of the Make-Ready Work. All wood or steel pole structures must be approved by CPS Energy. Mid-pole antenna installations shall comply with the following requirements:

- a) Any Antenna in the mid-pole section of the pole must not exceed twelve inches (12”) in height (vertical length), all other specifications for an Antenna in Appendix D shall apply. Additional specification and details for round-sectored Antenna designs are provided in Appendix I.
- b) U-Guard must be used to cover the cables which run from the mid-pole Antenna to a pole-mounted Wireless Equipment Cabinet.

14. Mock-Up Installations. Prior to any submission of an Application for a Wireless Installation, a Wireless Provider shall coordinate the mock-up installation of the proposed Wireless Installation at CPS Energy’s training yard or any other location designated by CPS Energy. The Wireless Provider shall schedule the mock-up demonstration with the Pole Attachment Manager. The mock-up installation shall be a realistic representation of how the Wireless Installation will be installed in



Public Right of Way. The following activities will be accomplished by a successful mock-up installation:

- a) Compliance with Applicable Engineering Standards – The mock-up installation shall be constructed and inspected for compliance with all Applicable Engineering Standards and Appendix I.
- b) Safety Training – The mock-up installation will be used for “on site” and/or “in class” safety training of CPS Energy employees regarding the specifications of the Wireless Installation and any radio frequency occupational training related to working in close proximity to the Antenna devices. This content shall be incorporated into the Safety Briefing required by Section III.F.8. In addition, the Wireless Provider installing a Pole Top Antenna must use an electrical contractor approved by CPS Energy to perform all work in the Electrical Space on the Pole.
- c) Meter Installation – The mock-up display may include the installation of a Slab-Mounted Equipment Cabinet installation, or a pole-mounted Wireless Equipment Cabinet installation, both of which shall include a Meter and Service Disconnect Switch connected to the Wireless Installation in compliance with CPS Energy’s Electric Service Standards.
- d) Pole Use Measurement – Once CPS Energy certifies that the mock-up installation is fully compliant with all the requirements of Appendix D, Section B, CPS Energy will measure and document the number of feet that the Wireless Installation covers on the Pole. This measurement will be used for the purpose of determining the annual Wireless Installation Fee for all Wireless Installations of the same configuration.
- e) Approval of Pre-Certification of Wireless Equipment Form – Upon completion of the pre-certification process, CPS Energy will approve the Pre-Certification of Wireless Equipment Form which will authorize the Wireless Provider to begin submitting Applications for the same pre-certified Wireless Installation configuration. Should the Wireless Provider at any time wish to upgrade Wireless Equipment that will substantially change the pre-certified Wireless Installation configuration, or deploy new Wireless Equipment technology under a different Wireless Installation configuration, the Wireless Provider shall coordinate a new mock-up installation to pre-certify the alternative Wireless Installation configuration. CPS Energy will not accept Applications for an alternative Wireless Installation configuration that has not been pre-certified.



15. CPS Energy Work on a Pole. CPS Energy shall de-energize Wireless Equipment prior to performing any work on a pole structure with twenty-four (24) hour without prior notice to the Wireless Provider at the NOC. Such advance notice may be provided by telephone or email.

C. Banner Attachments:

Banner Attacher shall comply with the following engineering and construction practices when making Banner Attachments on Poles or Streetlight Poles as applicable:

1. **General Clearances.** Maintain the minimum separations and clearances specified in the NESC or CPS Energy whichever is more stringent applies.
2. **Double Pole Banner Clearance.** Concerning Double Pole Banners maintain minimum clearances at Poles located on both ends of the span and retain minimum clearances throughout the span. At mid-span, a minimum of 12 inches of separation must be maintained from any other cables. At the Pole support, a 12-inch separation must be maintained between Banner Attachment pole-mounted hardware and any other facilities on the Pole.
3. **Clearances from CPS Energy Facilities and Other Attachments.** Banner Attachments are not allowed within forty inches (40") below CPS Energy Neutral and must maintain a twelve-inches (12") minimum separation from any wire Attachments.
4. **Grounding.** Concerning Double Pole Banners, bond metallic support cable to the Pole ground wire at each Pole that has a ground wire.
5. **Climbing Space on Pole.** Maintain a clear vertical movement climbing space, ascending and descending, on the sides of the Poles that are parallel with the street.
6. **Double Pole Banner Dimensions.** A Double Pole Banner spanning a street shall be no more than thirty-six feet (36') in length, four feet (4') in height, and not more than one hundred forty-four square feet (144²) total area.
7. **Banner Material.** Double Pole Banners spanning the street or road shall be constructed of net or mesh material to significantly decrease wind loading. Single Pole Banners shall be constructed of light weight, non-toxic material in accordance with City of San Antonio requirements. Double Pole Banners shall not be constructed of plastic or vinyl.



8. **Single Pole Banner Brackets.** Single Pole Banner brackets installed on Underground Streetlight Poles shall be painted the same color as the Underground Streetlight Poles. Banner Attacher is responsible for maintenance of the brackets.
9. **Banner Clearance from Ground.** Double Pole Banners shall maintain a minimum clearance of eighteen feet (18') to the street grade Single Pole Banners shall maintain a minimum clearance of twelve feet (12') to sidewalk or existing grade behind curb.
10. **Single Pole Banner Dimensions.** Two Single Pole Banners are permissible on a single Pole, provided they are located on opposite sides of the pole structure and the sum of the combined area of both Banner does not exceed 2,128 square inches.
11. **Banner Bracket Design.** Single Pole Banner Brackets shall be static banner hardware design type to minimize wind resistance.



Appendix E: CPS Energy Vertical Clearance Table

Clearance Adders: The vertical clearances required by the NESC are the absolute minimum clearance allowed by CPS Energy in order to issue a Permit. To ensure that NESC clearances are met under all reasonably anticipated circumstances, CPS Energy may require additional tolerances for movement and variances in construction to be added to the NESC requirements. The clearance values in this section include CPS Energy adders, unless otherwise noted.

Voltages are phase to ground. Clearances below are minimums based on NESC, State Law, with applicable CPS Energy clearance adders.
(All clearances should be applied under "worst-case" maximum sag conditions.)

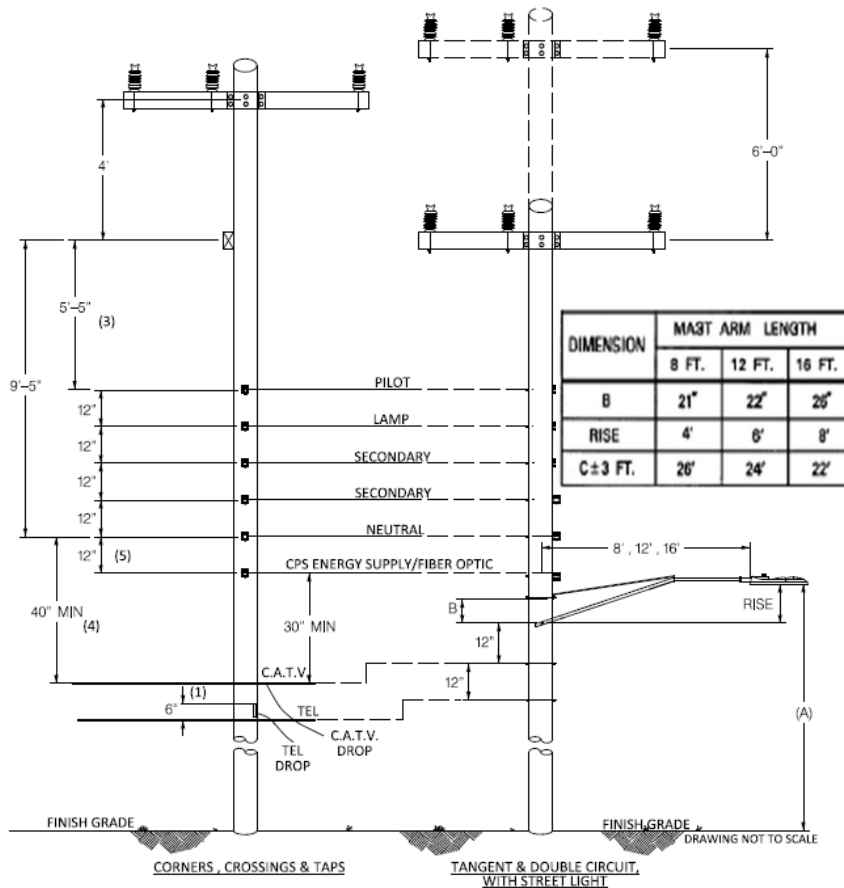
Nature of Surface Beneath Wires	NESC Group II		NESC Group IV	NESC Group VI
	Grounded guys; ⁴ communication cables meeting 230C1 (ft.)	Neutrals, 230E1L (ft.)	0-750V Service drops; open supply cables meeting 230C3 (ft.)	750V-22kV open supply cables; primary (ft.)
Where wires crossing over or overhang				
1. Track rails of railroads ³	24.0	27.0 [†]	28.0 [†]	30.0 [†]
2. Bridges or grade separations ⁷	30.0 [†]	30.0 [†]	30.0 [†]	33.0 [†]
3. Highways or county roads (State or Federally controlled)	18.0 [†]	22.0	22.0 [†]	25.0 [†]
4. Roads, streets, alleys, or areas subject to truck traffic ¹	18.0 [†]	22.0 [†]	22.0 [†]	25.0 [†]
5. Driveways, parking lots, and alleys not subject to truck traffic	16.5 [†]	22.0 [†]	22.0 ^{†,6}	25.0 [†]
6. Other land traversed by vehicles, such as cultivated, grazing, forest, orchard, etc.	18.0 [†]	22.0 [†]	22.0 ^{†,6}	25.0 [†]
7. Spaces or ways, not in streets or alleys, accessible to pedestrians only ²	11.5 [†]	18.0 [†]	18.0 ^{†,6}	25.0 [†]
Where wires run along & within the limits of road right-of-way or alleys but do not cross over or overhang the roadway or alley				
8. Roads, streets, or alleys	16.5 [†]	22.0 [†]	22.0 ^{†,6}	25.0 [†]
9. Roads where vehicle traffic is unlikely	14.5 [†]	22.0 [†]	22.0 ^{†,6}	25.0 [†]

† - State Law⁵ † - CPS Energy Std.

Footnotes

- ¹ "Truck traffic" is defined as vehicles of heights greater than 8 feet.
- ² "Pedestrian only" is defined as areas where traffic of any mobile unit higher than 8 feet is prohibited by regulations, permanent terrain conditions or otherwise is reasonably unexpected.
- ³ When entering railroad right-of-ways, refer to UP checklist for additional requirements.
- ⁴ All guys are insulated in accordance with NESC, Rule 279.
- ⁵ Texas Utility Code, § 21.041, TxDOT-Right of Way, Utility Accommodation Rules (Overhead Electric & Communications Lines).
- ⁶ For service drops of voltages less than 300V (phase to ground), clearance may be reduced to values given in CPS Energy Service Standards.
- ⁷ TAC Utility Code prohibits line crossings at bridges or grade separations, may be allowed 150 feet from bridge abutment with clearances given.

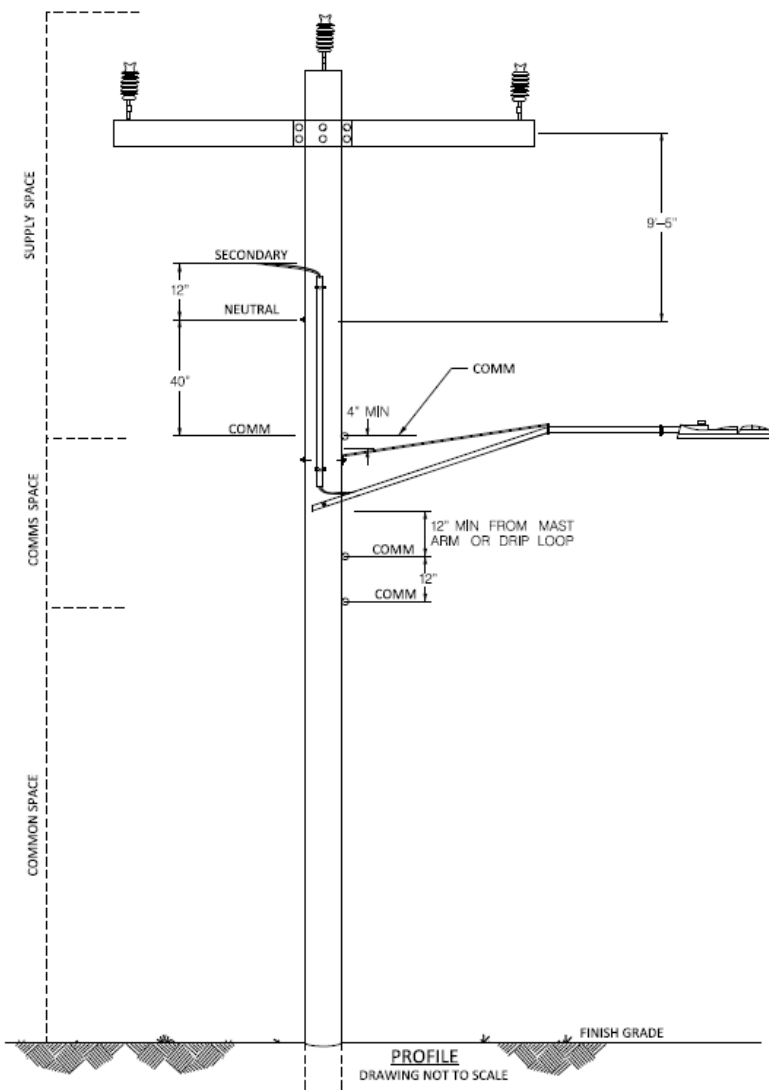
Appendix F: CPS Energy Attachment Clearance Requirements



NOTES:

1. THIS CLEARANCE MAY BE OMITTED IF ITS OMISSION WILL ALLOW FOR A SHORTER POLE TO BE USED, PROVIDED THAT THE TELEPHONE COMPANY AGREES THAT THE DROP CAN BE LOWERED.
2. HEIGHT AT ATTACHMENT SHALL INCLUDE CLEARANCES TO THE GROUND PLUS ESTIMATED SAG.
3. LAMP WIRES AND SECONDARY ARE TO BE REMOVED WHEN POSSIBLE ON CONVERSION OR MODIFICATIONS TO EXISTING INSTALLATIONS.
4. THIS CLEARANCE IS USED WHEN NO CPS ENERGY SUPERVISORY OR FIBER OPTIC CABLE (SUP./F.O.) IS PRESENT.
5. INCREASE THIS CLEARANCE TO 16 INCHES FOR ADSS FO CABLE DUE TO THE CONSTANT SAG CHARACTERISTICS.

Appendix F-1: CPS Energy Attachment Clearance Requirement





Appendix G: CPS Energy Pole Loading Requirements

It is the determination of CPS Energy that pole attachments can have a significant wind loading and stress effect on a pole and can cause overloading. Therefore, nothing should be attached to a pole that is not engineered to be there in advance.

1. **Engineering and Planning Qualifications:** Any Pole Loading Analysis (PLA) submitted as part of the Application package shall be signed and sealed by a licensed Professional Engineer approved by CPS Energy.
2. **PLA Submittal Requirements:** Attaching Entity shall submit PDF copies of the full PLA report for each pole identified as requiring a PLA study pursuant to this Appendix G. Acceptable software for use of PLA will be a commercially available product with general industry acceptance. Should the Attaching Entity utilize a software application that CPS Energy does not possess, Attaching Entity shall make available to CPS Energy at least one software license for CPS Energy use at Attaching Entity's expense.
3. **Pole Loading Parameters:** PLA is to be performed in accordance with the requirements of **Light Loading Zone** as described the current version of the National Electric Safety Code (NESC)¹⁵ for the San Antonio area. CPS Energy PLA Grade Requirements shall be as follows:
 - *Single Circuit:* NESC Grade C unless required to be Grade B by the current version of the NESC.
 - *Double Circuit:* NESC Grade C unless required to be Grade B by the current version of the NESC. CPS Energy may require Grade B design at "critical" double circuit areas, as identified by CPS Energy.
 - *Wireless Installations:* NESC Grade B is required for any Pole or Overhead Streetlight Pole utilized for a pole-mounted equipment cabinet Wireless Installation.
4. **Required Conditions for PLA:** CPS Energy will require PLA for the following conditions:
 - Poles with angles greater than 10° (guyed & un-guyed) - single & double circuit
 - Poles with primary spans greater than 200 feet
 - All un-guyed poles with "break-offs"
 - 3 phase primary breakoffs only
 - All CPS Energy dead-end pole, to include dead-end insulators
 - All Poles with CPS Energy 2 & 3 transformer banks, reclosers, and capacitor banks
 - All Poles less than Class 3 for which 3-phase electric distribution is installed

¹⁵ NESC Rule 250, Figure 250-1, C2-2017



- All Poles with five (5) or more Attachments, other than Mid-Span Installations, and primary, secondary and Neutral attachments
 - All Poles for which a Wireless Installation is requested.
 - Any critical Pole identified by CPS Energy not specified in categories above, up to ten percent (10%) of total Poles per Application
 - If Overlashing and wireline Attachments (excluding the Mid-Span Installation unit) exceeds a combined total of three and one-half inches (3.5") in diameter
5. **Reserved Capacity for Proposed Pole Change Outs:** CPS Energy shall require Reserved Capacity for any new or replaced Pole as follows:
- *Single Circuit:* five percent (5%)
 - *Double Circuit:* fifteen percent (15%)
 - *Hollow composite Pole:* fifteen percent (15%)
6. **Pole Loading Analysis Time Limitations:** PLA analysis shall be valid for a time period of no longer than six (6) months from the time of Application submission. After this six (6) month period, a new PLA analysis will be required.
7. **Exceptions to PLA Requirements:** CPS Energy will not require PLA for the following conditions:
- When Overlashing a 144-strand or smaller diameter and weight fiber optic or other cable
 - When placing a fiber optic cable in an existing aerial inner duct



Appendix H: CPS Energy Schedule of Pole Attachment Rates, Fees, and Charges

Although CPS Energy is exempt from the definition of the term “utility” that applies to the regulations of the Federal Communications Commission (FCC) relating to pole attachments made by providers of telecommunications and cable services; CPS Energy uses the current FCC formula applicable to providers of telecommunications services. CPS Energy reserves the right to adjust this Schedule of *Pole Attachment Rates, Fees, and Charges* in accordance with any changes in the FCC formula delineated below, and with updated CPS Energy cost information. The Application Fee does not cover back office engineering services and field inspection work provided by CPS Energy or its contractor’s part of the Application review process.

1. **Application Fee**

- a) **Wire Attachments.** There is no Application Fee for a Wire Attachment.¹⁶
- b) **Wireless Installations.** There is no Application Fee for a Wireline Attachment.
- c) **Banner Attachment Hardware.** For Banner Attachment Hardware, the Application Fee shall be \$50.00 per pole-mounted installation.

2. **Annual Fees**

There is no Application Fee for notices.

- a) **Wire Attachments.** The Attachment Connection Fee is the annual rental payment assessed by CPS Energy to each Attaching Entity with wire Attachments. The annual Attachment Connection Fee is determined by CPS Energy for each Attaching Entity by multiplying [Attachment Rate] x [total number of Permitted Attachments for the Attaching Entity].
 - (i) Overlapping an existing Permitted Attachment is not a separate Attachment and will not be subject to a separate Attachment Connection Fee.
 - (ii) A Mid-Span Installation utilizing the same one foot of Communication Space as the Messenger cable to which it is attached in accordance with Applicable Engineering Standards is not subject to the Attachment Connection Fee, provided that the annual Attachment Connection Fee is billed to the Messenger cable.
 - (iii) The applicable Attachment Rate formula, the annual Attachment Rate, and the financial and operational inputs utilized by CPS Energy’s in the calculation of the Attachment Rate formula are available on the CPS Energy public webpage at www.cpsenergy.com/poleattachments.

¹⁶ As noted in Section II.1.2, CPS Energy will discontinue the \$8.77 Application Fee for wire Attachments effective January 1, 2017.



- (iv) CPS Energy will use the Attachment Rate formula as required by law.
- b) **Wireless Installation Hardware.** The Wireless Installation Fee is the annual rental payment assessed by CPS Energy to each Attaching Entity with Wireless Installations. The annual Wireless Installation Fee is determined by CPS Energy for each Attaching Entity by multiplying [Wireless Rate] x [total number of streetlight pole and or pole-feet per Wireless Installation] x [total number of permitted Wireless Installations owned by the Attaching Entity].
 - (i) The Wireless Rate shall equal the Attachment Rate.
 - (ii) A Mid-Span Installations shall only be assessed the Attachment Connection Fee for the amount of space outside the one foot of Communications Space as the Messenger cable to which the Mid-Span Installation is attached as required to comply with the vertical clearance requirements of the Applicable Engineering Standards on the Pole closest to the Mid-Span Installation.
 - (iii) Application of Annual Fee to Mid-Span Installation, A Mid-Span Installation shall not be subject to a Wireless Installation Fee, but may be subject to an Attachment Connection Fee, if it does not utilize only the same one foot of Communications Space as the Messenger cable to which it is attached in accordance with Applicable Engineering Standards or the Messenger cable to which it is attached is not billed the annual Attachment Connection Fee.
- c) **Banner Attachment Hardware.** The Banner Attachment Connection Fee is the annual rental payment assessed by CPS Energy to each Banner Attacher with Banner Attachment hardware. The annual Attachment Connection Fee is determined by CPS Energy for each Banner Attacher by multiplying [Banner Attachment Rate] x [Total number of permitted Attachments] x [Total number of pole feet reserve by the Banner Attachment hardware to display Banners].

3. Unauthorized Attachment Charge and Unauthorized Banner Attachment Charge

An Attaching Entity shall pay CPS Energy, in addition to the annual Attachment Connection Fees or Banner Attachment Connection Fees that would have been payable for such Attachments if they had been authorized, an Unauthorized Attachment Charge as provided below:

- a) For entities without a valid Pole Attachment Agreement or Banner Attachment Agreement, the Unauthorized Attachment Charge or Unauthorized Banner Attachment Charge shall be \$500 per year for each Unauthorized Attachment or Unauthorized Banner Attachment.
- b) For Attaching Entities with a valid Pole Attachment Agreement or Banner Attachment Agreement, the Unauthorized Attachment Charge or Unauthorized Banner Attachment Charge shall be five (5) times the annual Attachment



Connection Fee (in effect at the time the Unauthorized Attachment or Unauthorized Banner Attachment is discovered) per Pole per year if the Attaching Entity does not have a Permit and the violation is self-reported or discovered through a joint inspection; with an additional sanction of \$100 per Pole per year if the violation is found by CPS Energy during any inspection or during Inventory in which the Attaching Entity has declined to participate.

- c) If the date on which the Unauthorized Attachment or Unauthorized Banner Attachment was made cannot be determined, the Unauthorized Attachment or Unauthorized Banner Attachment will be assumed to have been installed by the Attaching Entity on the next day following the last completed Inventory, not to exceed five (5) years.

4. Unauthorized Wireless Installation Charge

An Attaching Entity shall pay CPS Energy, in addition to the annual Wireless Installation Fees that would have been payable for such Wireless Installations if they had been authorized, an Unauthorized Wireless Installation Charge as provided below:

- a) For entities without a valid Wireless Installation Agreement, the Unauthorized Wireless Installation Charge shall be \$500 per month for each Unauthorized Wireless Installation.
- b) For Attaching Entities with a valid Wireless Installation Agreement, the Unauthorized Wireless Installation Charge shall be \$100 per month per Wireless Installation where CPS Energy has not issued a duly authorized Permit for the Wireless Installation to the Attaching Entity.
- c) If the date on which the Unauthorized Wireless Installation was made cannot be determined, the Unauthorized Wireless Installation will be assumed to have been installed by the Attaching Entity on the next day following the last completed Inventory, not to exceed five (5) years.

5. Other

a) Non-Compliance with Complex Transfer Process

Pursuant to Section IV.B.6 of the CPS Energy Pole Attachment Standards, CPS Energy shall levy a penalty of \$350 per non-compliant Attachment to the Attaching Entity failing to make the Complex Transfer in the required timeframe.

b) Non-Compliance with Joint Meeting Transfer

Pursuant to Section IV.B.5 of the CPS Energy Pole Attachment Standards, CPS Energy shall levy a penalty of \$350 per day to the non-compliant Wireless Provider that fails to attend and/or fails to complete the transfer or modification of a Wireless Installation within the required Joint Meeting Transfer ten (10) day timeframe. The



penalty shall become automatically effective on the eleventh (11) day following the Joint Meeting Transfer.

c) Safety Violation Assessment Charge

The Safety Violation Assessment Charge is \$500 per Safety Violation identified.

d) Tracing Line Ownership Fee

In the event any Attachment, Wireless Installation, or Banner Attachment is untagged and CPS Energy must determine the owner's identity to address the repair or maintenance of a CPS Energy Pole, equipment, or facility that CPS Energy cannot undertake absent removal or transfer of said Attachment, Wireless Installation, or Banner Attachment; CPS Energy shall bill the owner of the Attachment, Wireless Installation, or Banner Attachment for time reasonably undertaken by CPS Energy to determine the identity of the owner of the Attachments, Wireless Installation, or Banner Attachment. The Attaching Entity that owns the untagged Attachment, Wireless Installation, or Banner Attachment shall pay CPS Energy the Tracing Line Ownership Fee of \$150.00 for the first hour plus \$100.00 per hour thereafter. Partial hours shall be rounded up. CPS Energy shall bill the Attaching Entity within thirty (30) days of determining the Attaching Entity's identity.

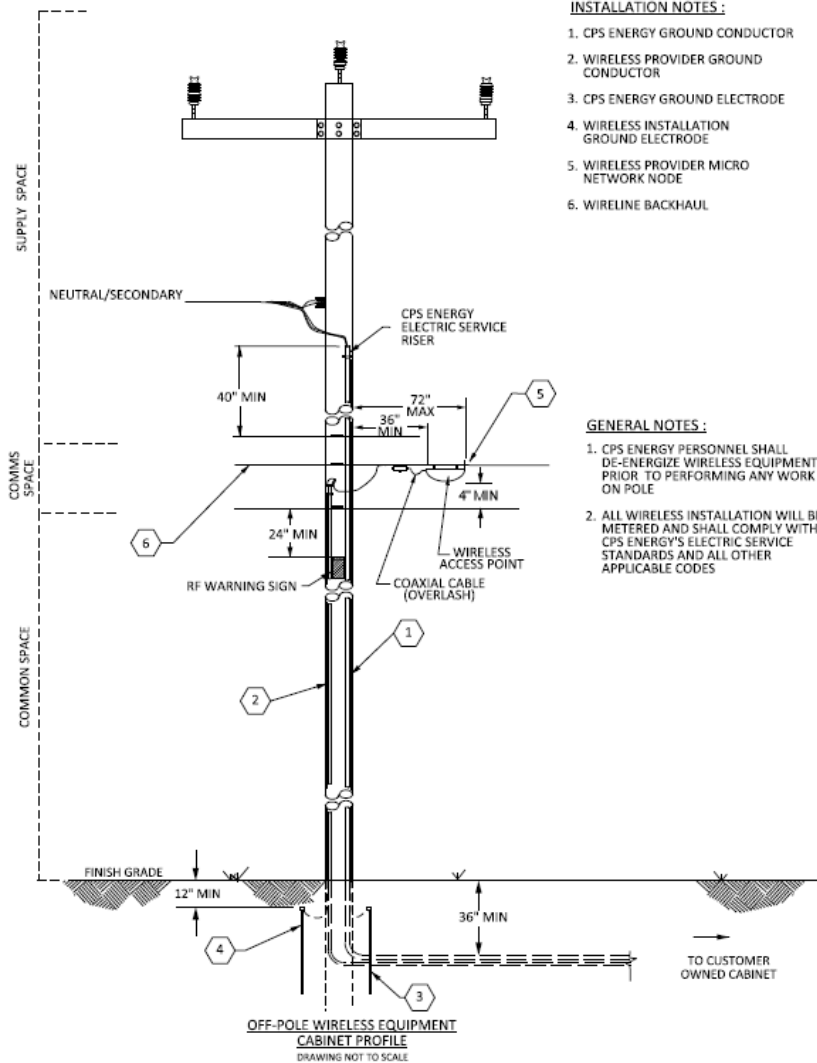
Appendix I: CPS Energy Wireless Installation Diagrams

- I1: CPS Energy Wireless Antenna Installation – Mid-span -Slab Mounted Equipment Cabinet***
- I2: CPS Energy Wireless Antenna Installation – Mid-Pole – Pole Mounted Equipment Cabinet***
- I3: CPS Energy Wireless Antenna Installation – Pole Top Space (Panel)***
- I4: CPS Energy Wireless Antenna Installation – Pole-Top Space (Round-Sected) – Pole Mounted Equipment Cabinet***
- I5: CPS Energy Wireless Antenna Installation – Pole Top Space (Combo) – Pole Mounted Equipment Cabinet***
- I6: CPS Energy Wireless Antenna Installation - Overhead Fed Streetlight Pole - Pole Mounted Equipment Cabinet***
- I7: CPS Energy Wireless Antenna Installation – Overhead Fed Streetlight Pole – Pole Top Space (Panel)***
- I8: CPS Energy Wireless Antenna Installation – Overhead Fed Streetlight Pole – Pole Top Space (Combo) – Pole Mounted Equipment Cabinet***
- I9: CPS Energy Wireless Antenna Installation – Downtown Decorative Wireless Antenna Streetlight (V.1)***
- I10: CPS Energy Wireless Antenna Installation – Downtown Decorative Wireless Antenna Streetlight (V.2)***
- I11: CPS Energy Wireless Antenna Installation – Downtown Decorative Wireless Antenna Streetlight (V.3)***
- I12: CPS Energy Wireless Antenna Installation – Downtown Decorative Wireless Antenna Streetlight (Base Plan View)***
- I13: CPS Energy Wireless Antenna Installation – Downtown Decorative Wireless Antenna Streetlight (Base Profile View)***



- I14: CPS Energy Wireless Antenna Installation – Residential Wireless Antenna Streetlight Pole (V.1)***
- I15: CPS Energy Wireless Antenna Installation – Residential Wireless Antenna Streetlight Pole (V.2)***
- I16: Addendum 1: CPS Energy’s Technical Design Standard for Node Support Pole (Electric Service Request) – Slab Mounted Equipment Cabinet***
- I17: Addendum 2: CPS Energy’s Technical Design Standard for Node Support Pole (Electric Service Request) - Pole Mounted Equipment Cabinet***
- I18: Addendum 3: CPS Energy’s Wireless Technical Design Standard for Node Support Pole (Electric Service Request) – Customer Owned Steel Pole with Concrete Foundation – Pole Mounted Equipment***
- I19: Addendum 4: CPS Energy’s Wireless Technical Design Standard for Node Support Pole (Electric Service Request) Installation – Customer Owned Pole – Pole Mounted Equipment Cabinet***
- I20: Addendum 5: CPS Energy’s Wireless Technical Design Standard for Node Support Pole (Electric Service Request) – Customer Owned Steel Pole with Concrete Foundation – Pole Mounted Equipment Cabinet***

11: CPS Energy Wireless Antenna Installation – Mid-Span–Slab Mounted Equipment Cabinet

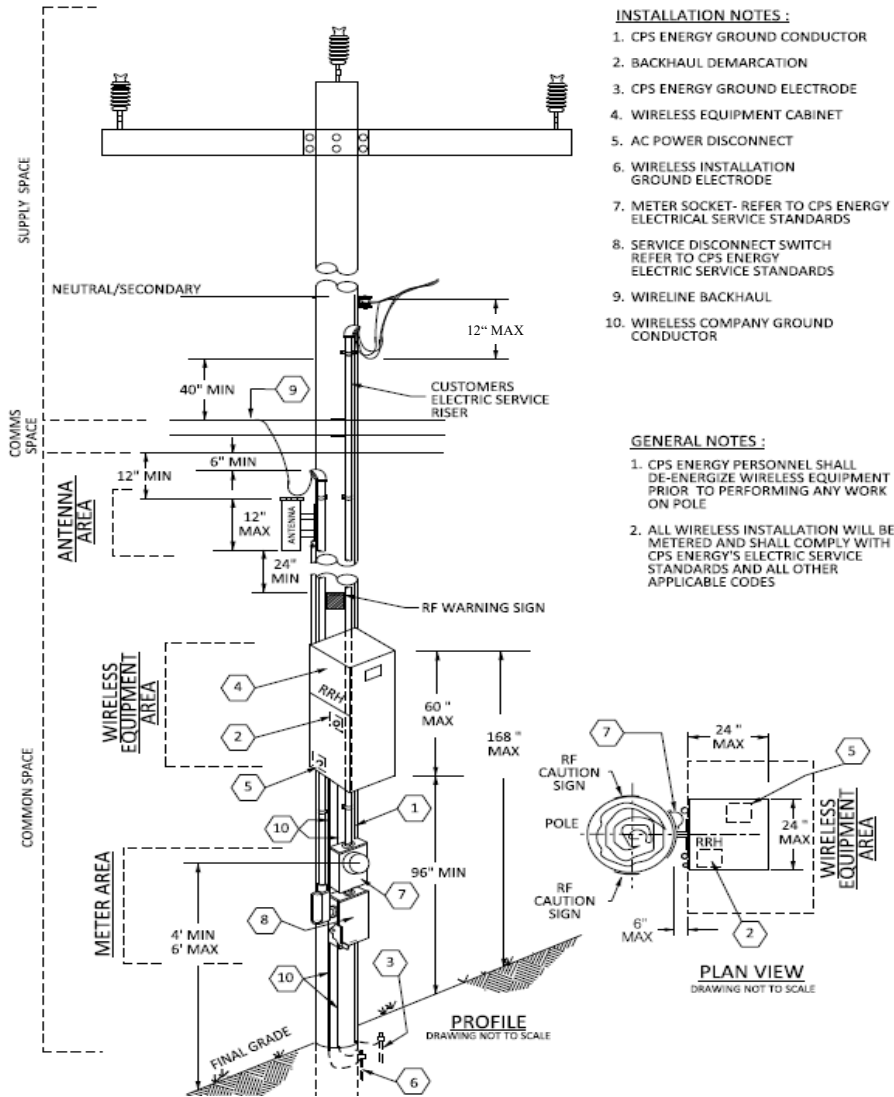


- INSTALLATION NOTES :**
1. CPS ENERGY GROUND CONDUCTOR
 2. WIRELESS PROVIDER GROUND CONDUCTOR
 3. CPS ENERGY GROUND ELECTRODE
 4. WIRELESS INSTALLATION GROUND ELECTRODE
 5. WIRELESS PROVIDER MICRO NETWORK NODE
 6. WIRELINE BACKHAUL

- GENERAL NOTES :**
1. CPS ENERGY PERSONNEL SHALL DE-ENERGIZE WIRELESS EQUIPMENT PRIOR TO PERFORMING ANY WORK ON POLE
 2. ALL WIRELESS INSTALLATION WILL BE METERED AND SHALL COMPLY WITH CPS ENERGY'S ELECTRIC SERVICE STANDARDS AND ALL OTHER APPLICABLE CODES

Revision: 6.0
 Revision Date: June 10, 2022
 Effective Date: August 12, 2022

12: CPS Energy Wireless Antenna Installation – Mid Pole – Pole Mounted Equipment Cabinet

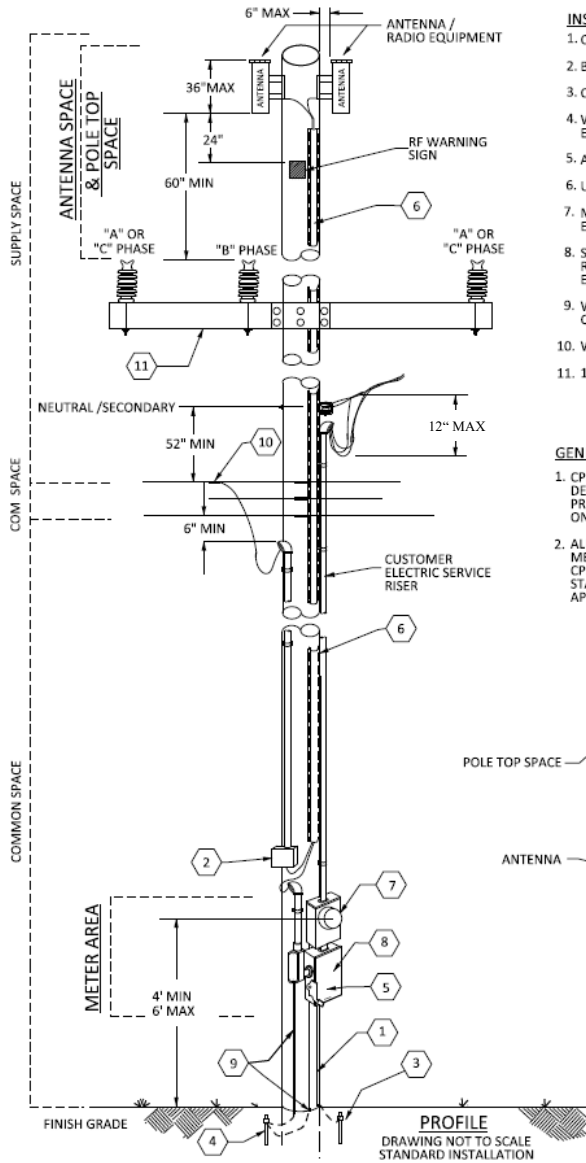


- INSTALLATION NOTES :**
1. CPS ENERGY GROUND CONDUCTOR
 2. BACKHAUL DEMARCATION
 3. CPS ENERGY GROUND ELECTRODE
 4. WIRELESS EQUIPMENT CABINET
 5. AC POWER DISCONNECT
 6. WIRELESS INSTALLATION GROUND ELECTRODE
 7. METER SOCKET - REFER TO CPS ENERGY ELECTRICAL SERVICE STANDARDS
 8. SERVICE DISCONNECT SWITCH REFER TO CPS ENERGY ELECTRICAL SERVICE STANDARDS
 9. WIRELINE BACKHAUL
 10. WIRELESS COMPANY GROUND CONDUCTOR

- GENERAL NOTES :**
1. CPS ENERGY PERSONNEL SHALL DE-ENERGIZE WIRELESS EQUIPMENT PRIOR TO PERFORMING ANY WORK ON POLE
 2. ALL WIRELESS INSTALLATION WILL BE METERED AND SHALL COMPLY WITH CPS ENERGY'S ELECTRIC SERVICE STANDARDS AND ALL OTHER APPLICABLE CODES

Revision: 6.0
 Revision Date: June 10, 2022
 Effective Date: August 12, 2022

I3: CPS Energy Wireless Antenna Installation – Pole Top Space (Panel)

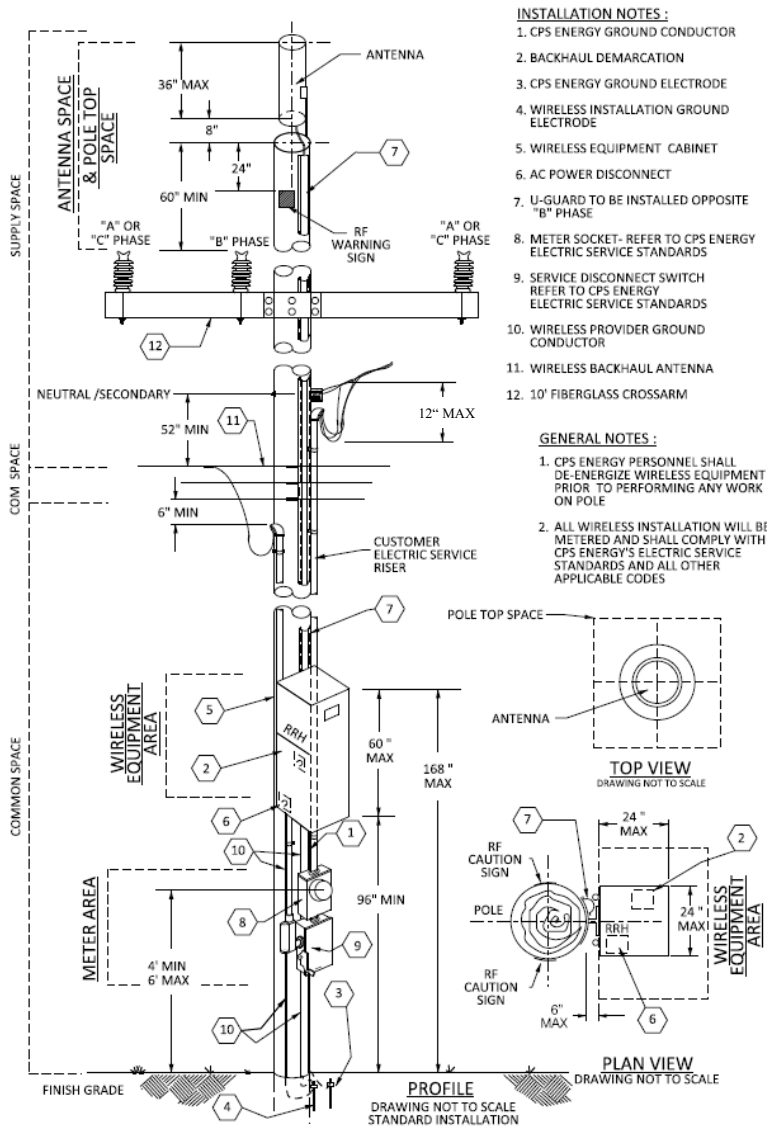


- INSTALLATION NOTES :**
1. CPS ENERGY GROUND CONDUCTOR
 2. BACKHAUL DEMARCATION
 3. CPS ENERGY GROUND ELECTRODE
 4. WIRELESS INSTALLATION GROUND ELECTRODE
 5. AC POWER DISCONNECT
 6. U-GUARD
 7. METER SOCKET- REFER TO CPS ENERGY ELECTRIC SERVICE STANDARDS
 8. SERVICE DISCONNECT SWITCH REFER TO CPS ENERGY ELECTRIC SERVICE STANDARDS
 9. WIRELESS PROVIDER GROUND CONDUCTOR
 10. WIRELINE BACKHAUL
 11. 10' FIBERGLASS CROSSARM

- GENERAL NOTES :**
1. CPS ENERGY PERSONNEL SHALL DE-ENERGIZE WIRELESS EQUIPMENT PRIOR TO PERFORMING ANY WORK ON POLE
 2. ALL WIRELESS INSTALLATION WILL BE METERED AND SHALL COMPLY WITH CPS ENERGY'S ELECTRIC SERVICE STANDARDS AND ALL OTHER APPLICABLE CODES

Revision: 6.0
 Revision Date: June 10, 2022
 Effective Date: August 12, 2022

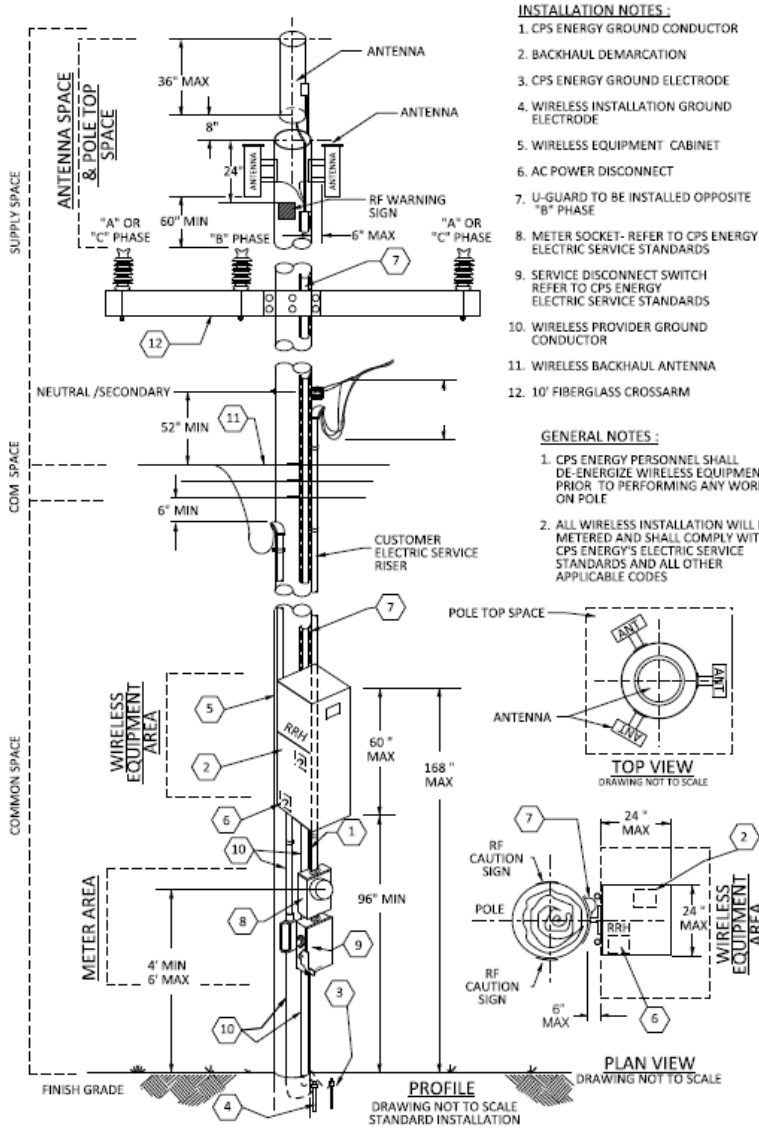
14: CPS Energy Wireless Antenna Installation – Pole Top Space (Round-Sectored) Pole Mounted Equipment Cabinet



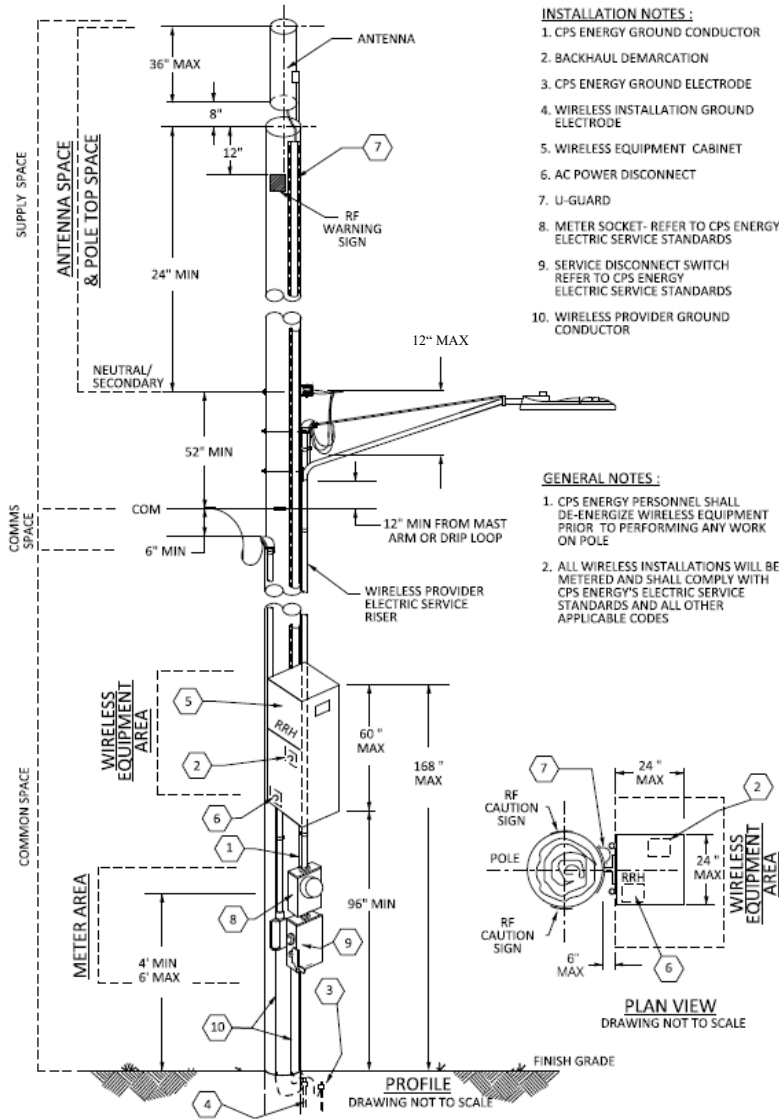
Revision: 6.0
Revision Date: June 10, 2022
Effective Date: August 12, 2022



***15: CPS Energy Wireless Antenna Installation – Pole Top Space
(Combo) – Pole Mounted Equipment Cabinet***

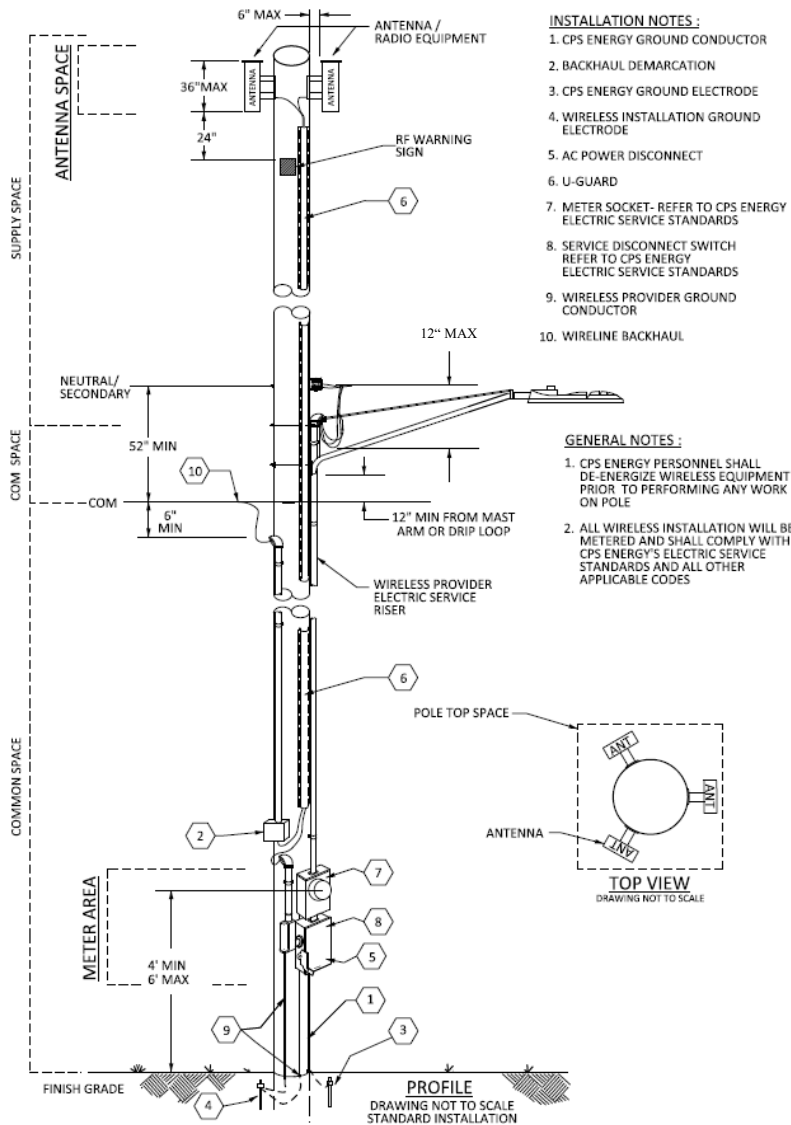


16: CPS Energy Wireless Antenna Installation – Overhead Fed Streetlight Pole - Pole Mounted Equipment Cabinet



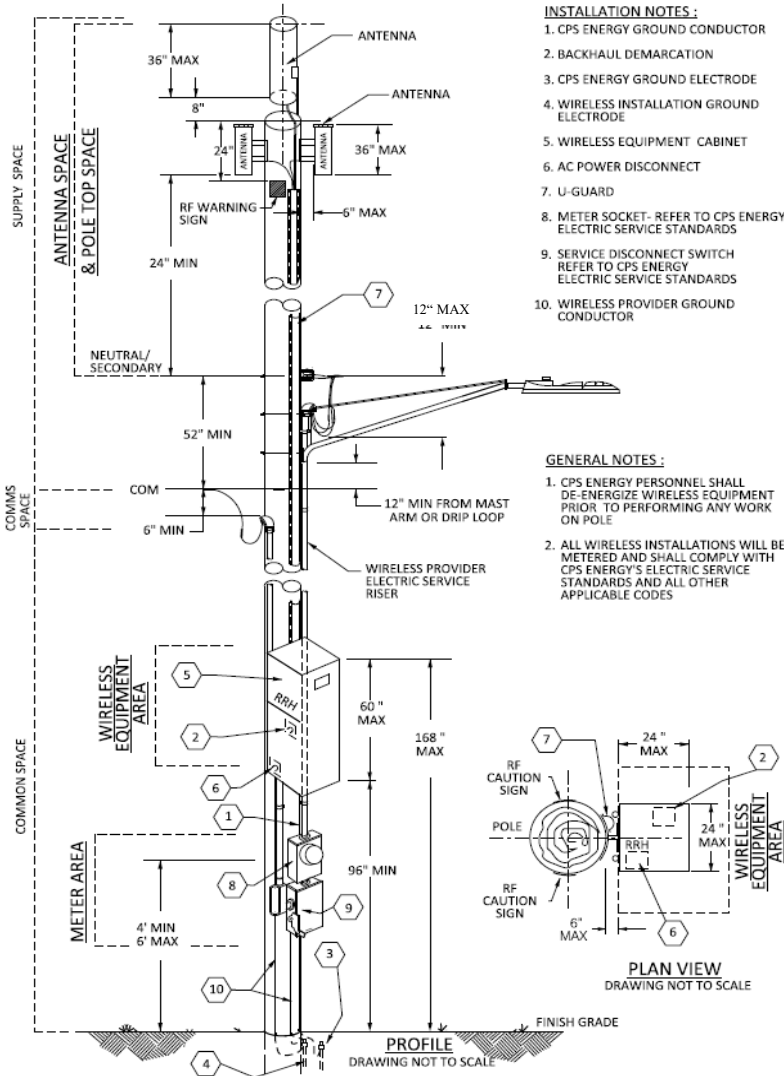
Revision: 6.0
 Revision Date: June 10, 2022
 Effective Date: August 12, 2022

17: CPS Energy Wireless Antenna Installation – Overhead Fed Streetlight Pole – Pole Top Space (Panel)



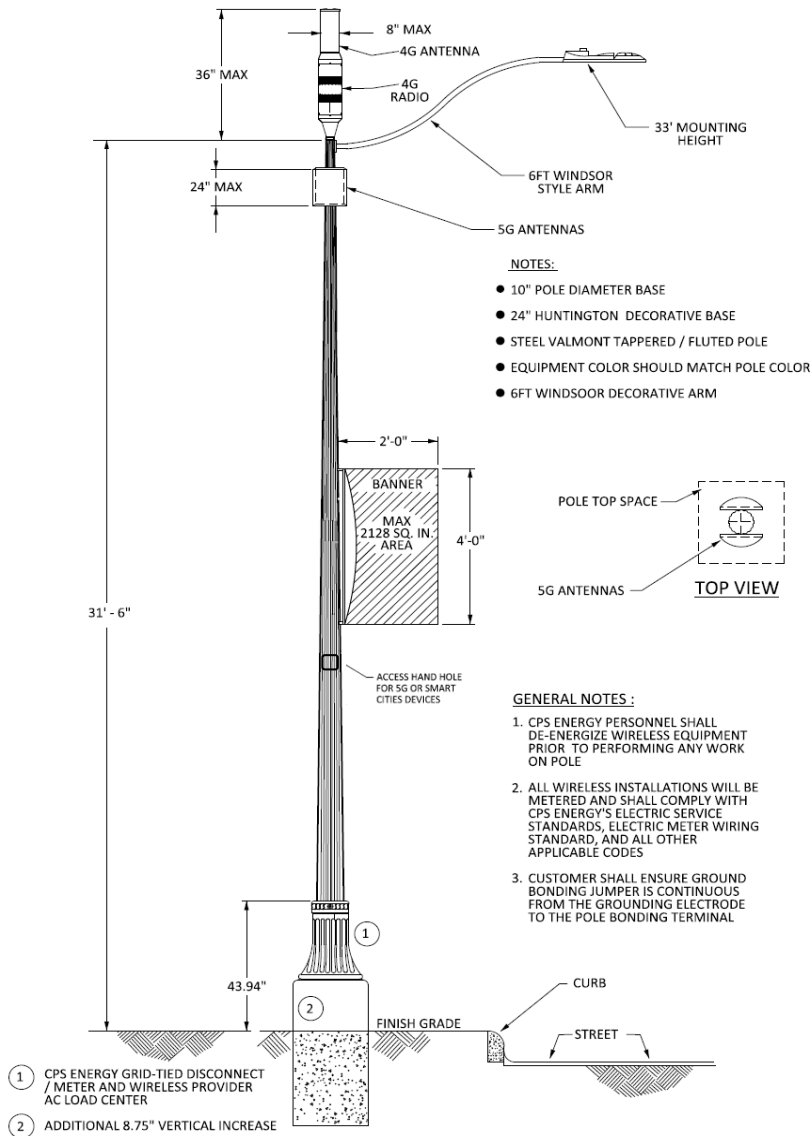
Revision: 6.0
Revision Date: June 10, 2022
Effective Date: August 12, 2022

18: CPS Energy Wireless Antenna Installation – Overhead Fed Streetlight Pole – Pole Top Space (Combo) – Pole Mounted Equipment Cabinet



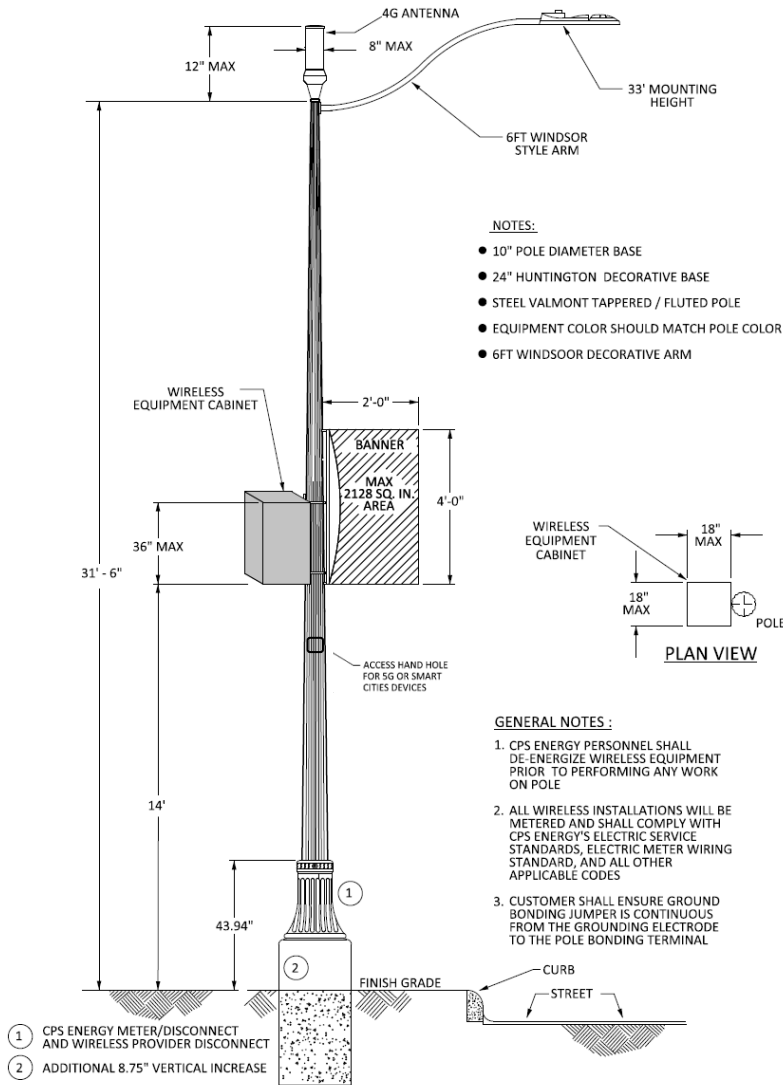
Revision: 6.0
 Revision Date: June 10, 2022
 Effective Date: August 12, 2022

I9: CPS Energy Wireless Antenna Installation – Downtown Decorative Wireless Antenna Streetlight Pole (V.1)

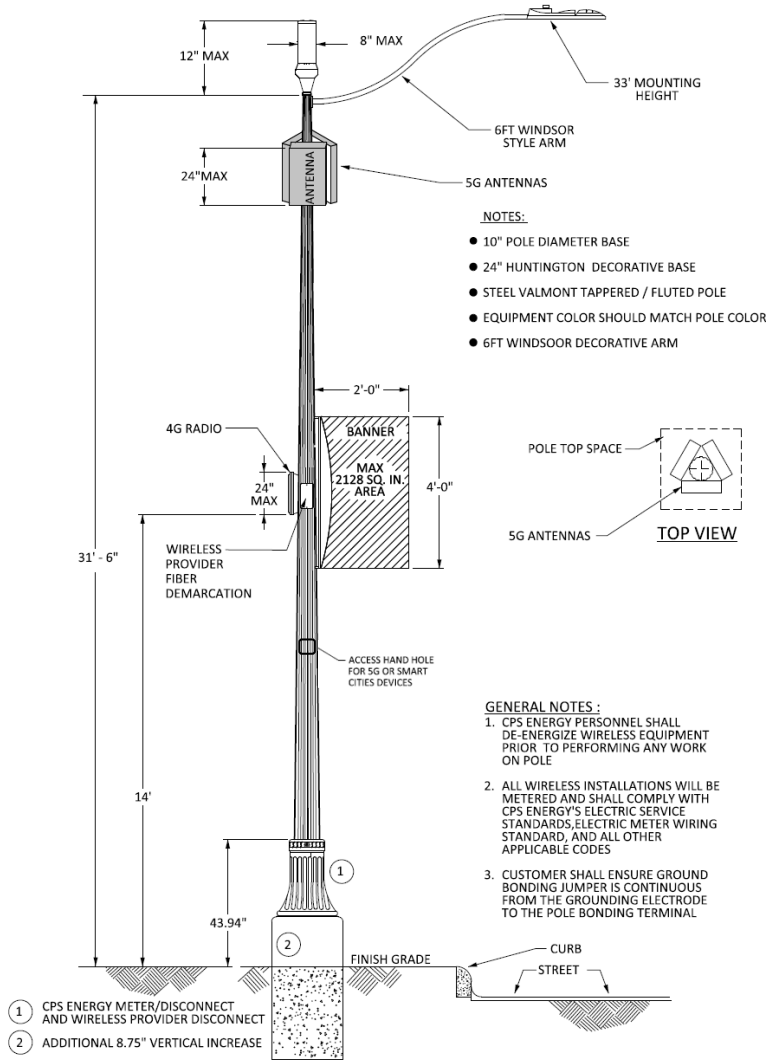


Revision: 6.0
 Revision Date: June 10, 2022
 Effective Date: August 12, 2022

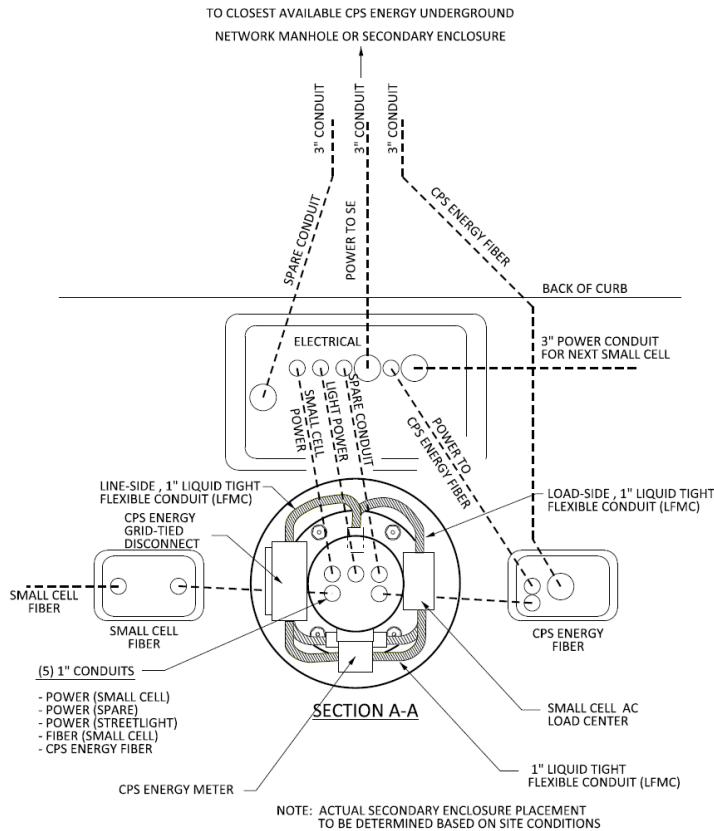
**I10: CPS Energy Wireless Antenna Installation – Downtown
Decorative Wireless Antenna Streetlight Pole (V.2)**



**111: CPS Energy Wireless Antenna Installation – Downtown
Decorative Wireless Antenna Streetlight Pole (V.3)**



I12: CPS Energy Wireless Antenna Installation – Downtown Decorative Wireless Antenna Streetlight Pole (Base Plan View)



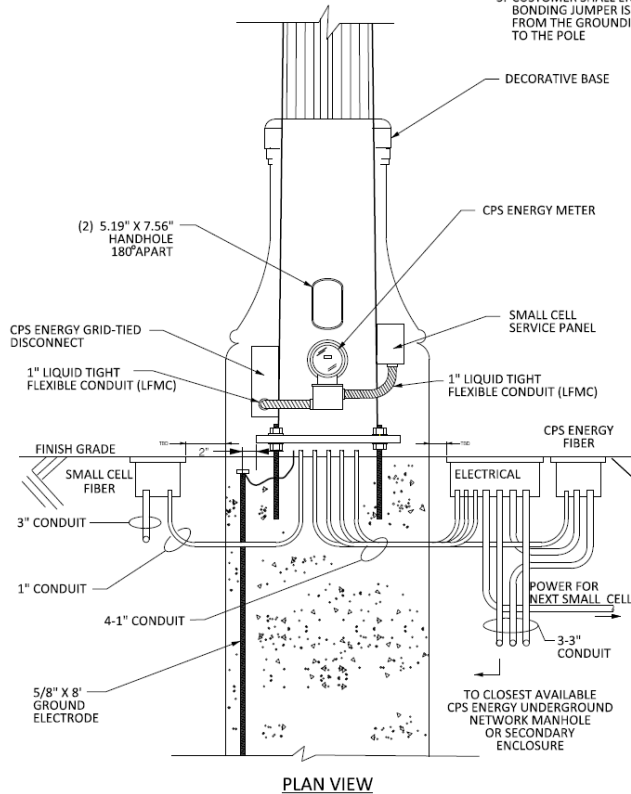
GENERAL NOTES :

1. CPS ENERGY PERSONNEL SHALL DE-ENERGIZE WIRELESS EQUIPMENT PRIOR TO PERFORMING ANY WORK ON POLE
2. ALL WIRELESS INSTALLATIONS WILL BE METERED AND SHALL COMPLY WITH CPS ENERGY'S ELECTRIC SERVICE STANDARDS AND ALL OTHER APPLICABLE CODES
3. CUSTOMER SHALL ENSURE GROUND BONDING JUMPER IS CONTINUOUS FROM THE GROUNDING ELECTRODE TO THE POLE

**I13: CPS Energy Wireless Antenna Installation – Downtown
Decorative Wireless Antenna Streetlight Pole (Base Profile View)**

GENERAL NOTES :

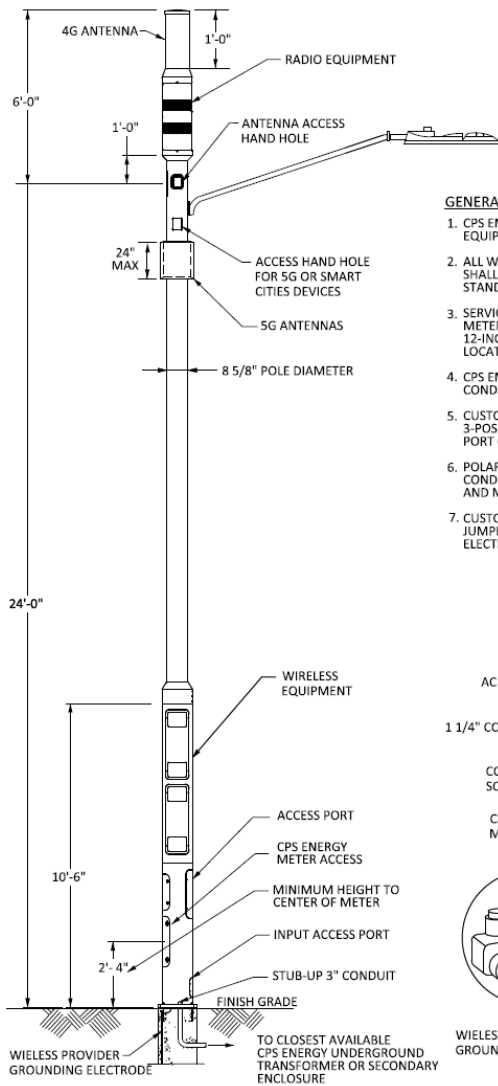
1. CPS ENERGY PERSONNEL SHALL DE-ENERGIZE WIRELESS EQUIPMENT PRIOR TO PERFORMING ANY WORK ON POLE
2. ALL WIRELESS INSTALLATIONS WILL BE METERED AND SHALL COMPLY WITH CPS ENERGY'S ELECTRIC SERVICE STANDARDS, ELECTRIC METER WIRING STANDARD, AND ALL OTHER APPLICABLE CODES
3. CUSTOMER SHALL ENSURE GROUND BONDING JUMPER IS CONTINUOUS FROM THE GROUNDING ELECTRODE TO THE POLE



PLAN VIEW

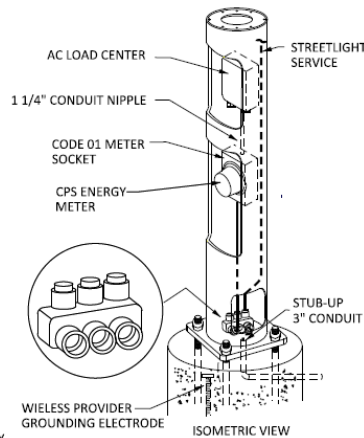
NOTE: ACTUAL SECONDARY ENCLOSURE PLACEMENT TO BE DETERMINED BASED ON SITE CONDITIONS

I14: CPS Energy Wireless Antenna Installation – Residential Wireless Antenna Streetlight Pole (V.1)



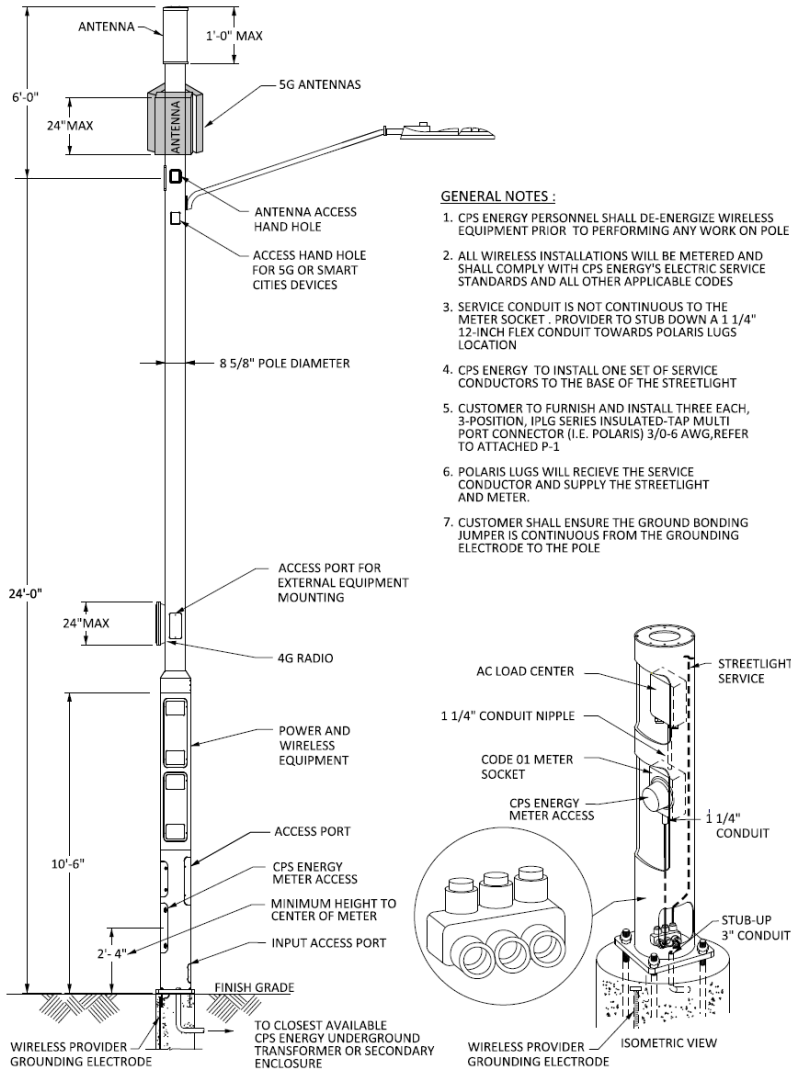
GENERAL NOTES :

1. CPS ENERGY PERSONNEL SHALL DE-ENERGIZE WIRELESS EQUIPMENT PRIOR TO PERFORMING ANY WORK ON POLE
2. ALL WIRELESS INSTALLATIONS WILL BE METERED AND SHALL COMPLY WITH CPS ENERGY'S ELECTRIC SERVICE STANDARDS AND ALL OTHER APPLICABLE CODES
3. SERVICE CONDUIT IS NOT CONTINUOUS TO THE METER SOCKET. PROVIDER TO STUB-UP A 1 1/4" 12-INCH FLEX CONDUIT TOWARDS POLARIS LUGS LOCATION
4. CPS ENERGY TO INSTALL ONE SET OF SERVICE CONDUCTORS TO THE BASE OF THE STREETLIGHT
5. CUSTOMER TO FURNISH AND INSTALL THREE EACH, 3-POSITION, IPLG SERIES INSULATED-TAP MULTI PORT CONNECTOR (I.E. POLARIS) 3/0-6 AWG
6. POLARIS LUGS WILL RECEIVE THE SERVICE CONDUCTOR AND SUPPLY THE STREETLIGHT AND METER.
7. CUSTOMER SHALL ENSURE THE GROUND BONDING JUMPER IS CONTINUOUS FROM THE GROUNDING ELECTRODE TO THE POLE

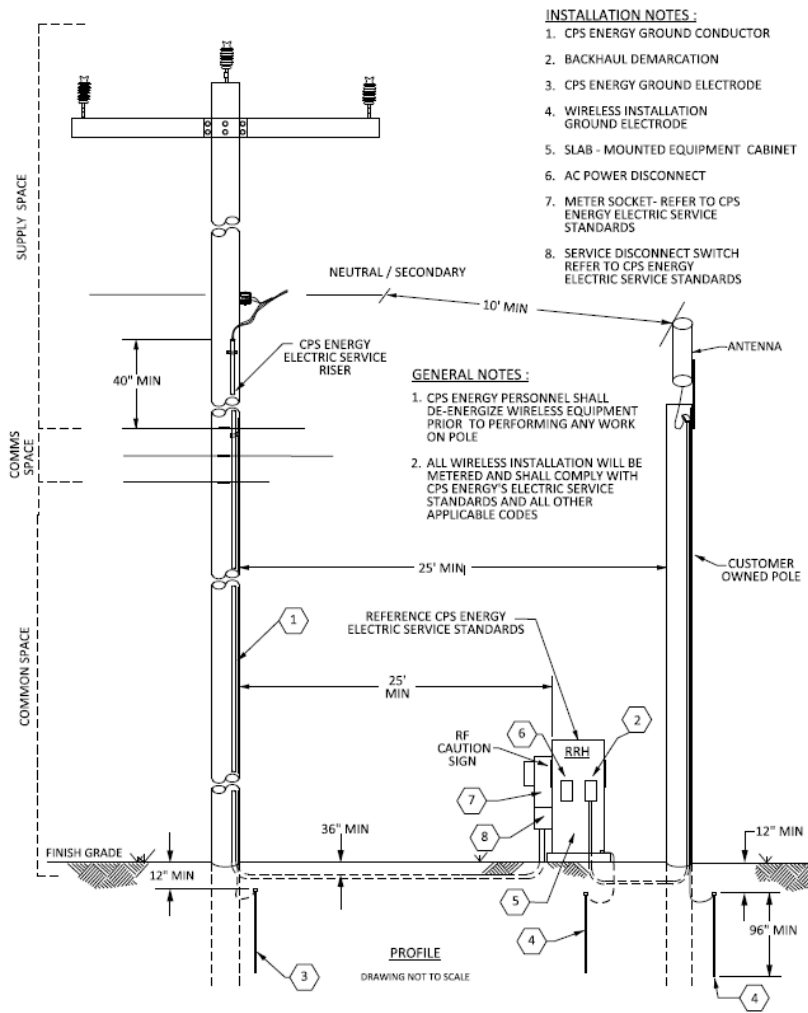


Revision: 6.0
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Effective Date: August 12, 2022

I15: CPS Energy Wireless Antenna Installation – Residential Wireless Antenna Streetlight Pole (V.2)



H16: Addendum 1: CPS Energy's Technical Design Standard for Node Support Pole (Electric Service Request) Slab Mounted Equipment Cabinet

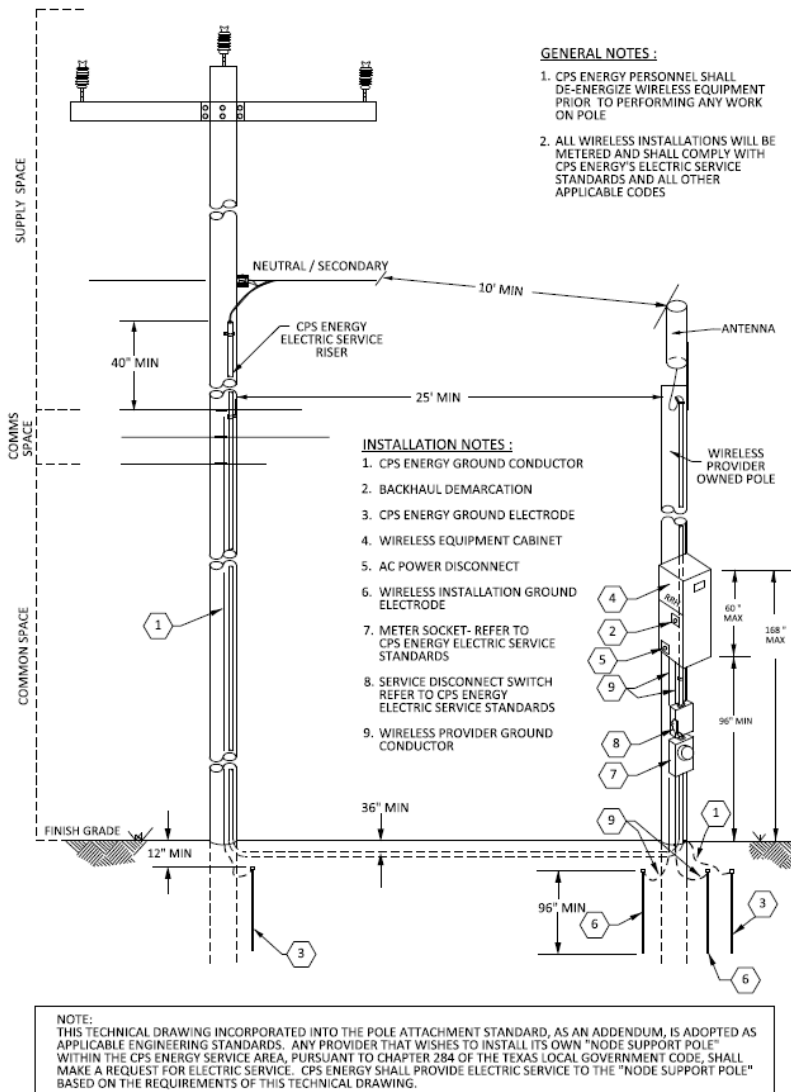


- INSTALLATION NOTES :**
1. CPS ENERGY GROUND CONDUCTOR
 2. BACKHAUL DEMARCATION
 3. CPS ENERGY GROUND ELECTRODE
 4. WIRELESS INSTALLATION GROUND ELECTRODE
 5. SLAB - MOUNTED EQUIPMENT CABINET
 6. AC POWER DISCONNECT
 7. METER SOCKET- REFER TO CPS ENERGY ELECTRIC SERVICE STANDARDS
 8. SERVICE DISCONNECT SWITCH REFER TO CPS ENERGY ELECTRIC SERVICE STANDARDS

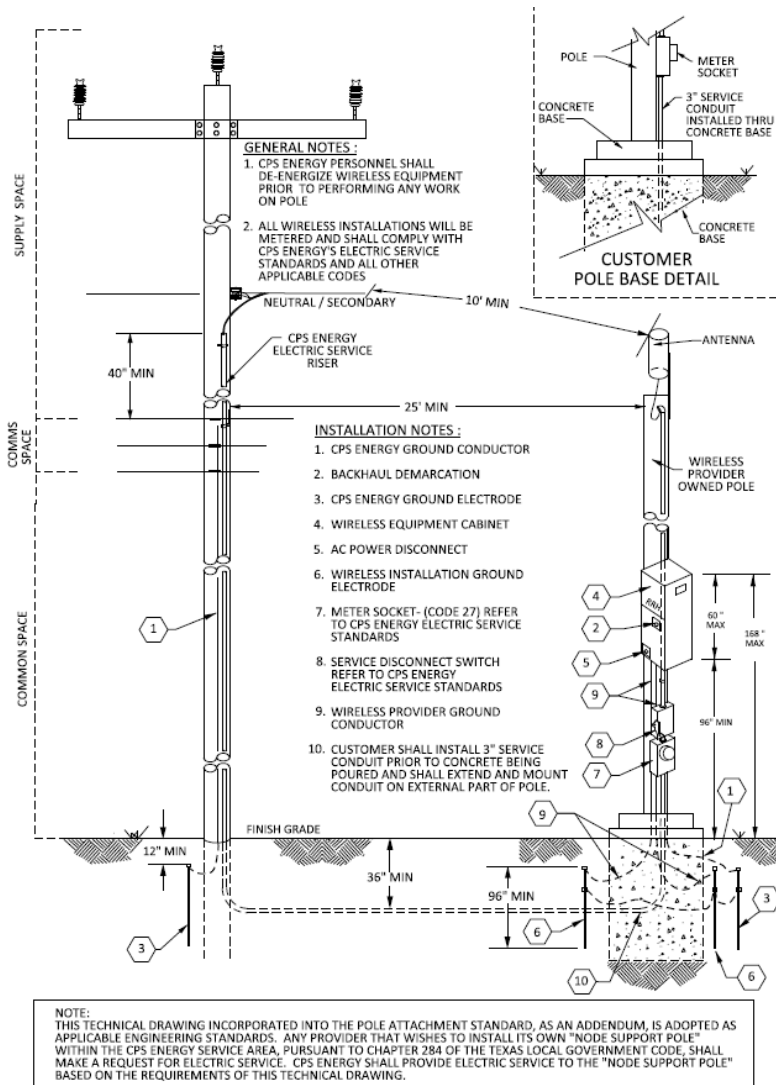
- GENERAL NOTES :**
1. CPS ENERGY PERSONNEL SHALL DE-ENERGIZE WIRELESS EQUIPMENT PRIOR TO PERFORMING ANY WORK ON POLE
 2. ALL WIRELESS INSTALLATION WILL BE METERED AND SHALL COMPLY WITH CPS ENERGY'S ELECTRIC SERVICE STANDARDS AND ALL OTHER APPLICABLE CODES

NOTE:
THIS TECHNICAL DRAWING INCORPORATED INTO THE POLE ATTACHMENT STANDARD, AS AN ADDENDUM, IS ADOPTED AS APPLICABLE ENGINEERING STANDARDS. ANY PROVIDER THAT WISHES TO INSTALL ITS OWN "NODE SUPPORT POLE" WITHIN THE CPS ENERGY SERVICE AREA, PURSUANT TO CHAPTER 284 OF THE TEXAS LOCAL GOVERNMENT CODE, SHALL MAKE A REQUEST FOR ELECTRIC SERVICE. CPS ENERGY SHALL PROVIDE ELECTRIC SERVICE TO THE "NODE SUPPORT POLE" BASED ON THE REQUIREMENTS OF THIS TECHNICAL DRAWING.

117: Addendum 2: CPS Energy's Technical Design Standard for Node Support Pole (Electric Service Request) Pole Mounted Equipment Cabinet



I18: Addendum 3: CPS Energy’s Wireless Technical Design Standard for Node Support Pole (Electric Service Request) – Customer Owned Steel Pole with Concrete Foundation – Pole Mounted Equipment



Revision: 6.0

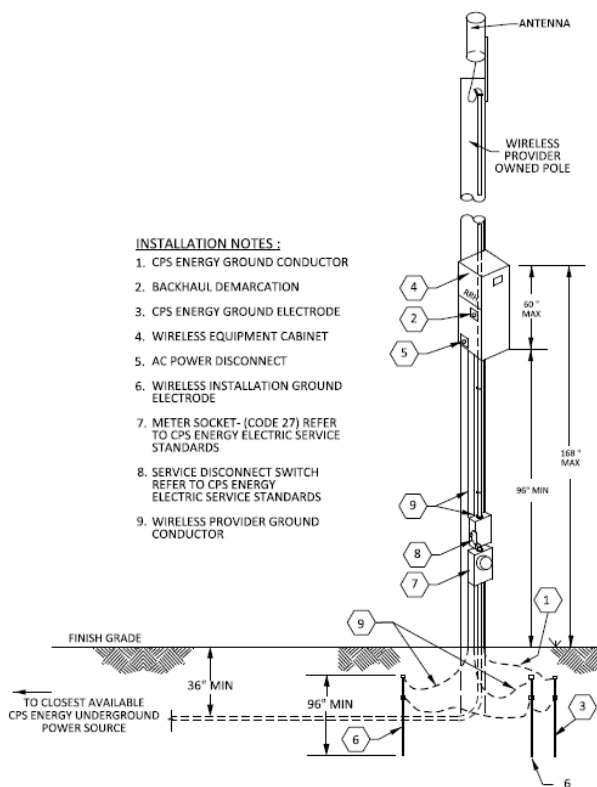
Revision Date: June 10, 2022

Effective Date: August 12, 2022

119: Addendum 4: CPS Energy’s Wireless Technical Design Standard for Node Support Pole (Electric Service Request) Installation – Customer Owned Pole – Pole Mounted Equipment Cabinet

GENERAL NOTES :

1. ALL WIRELESS INSTALLATIONS WILL BE METERED AND SHALL COMPLY WITH CPS ENERGY’S ELECTRIC SERVICE STANDARDS AND ALL OTHER APPLICABLE CODES



INSTALLATION NOTES :

1. CPS ENERGY GROUND CONDUCTOR
2. BACKHAUL DEMARICATION
3. CPS ENERGY GROUND ELECTRODE
4. WIRELESS EQUIPMENT CABINET
5. AC POWER DISCONNECT
6. WIRELESS INSTALLATION GROUND ELECTRODE
7. METER SOCKET- (CODE 27) REFER TO CPS ENERGY ELECTRIC SERVICE STANDARDS
8. SERVICE DISCONNECT SWITCH REFER TO CPS ENERGY ELECTRIC SERVICE STANDARDS
9. WIRELESS PROVIDER GROUND CONDUCTOR

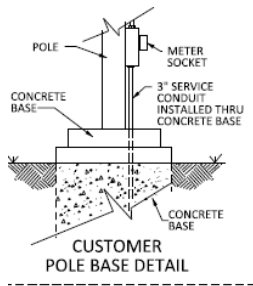
NOTE:
THIS TECHNICAL DRAWING INCORPORATED INTO THE POLE ATTACHMENT STANDARD, AS AN ADDENDUM, IS ADOPTED AS APPLICABLE ENGINEERING STANDARDS. ANY PROVIDER THAT WISHES TO INSTALL ITS OWN "NODE SUPPORT POLE" WITHIN THE CPS ENERGY SERVICE AREA, PURSUANT TO CHAPTER 284 OF THE TEXAS LOCAL GOVERNMENT CODE, SHALL MAKE A REQUEST FOR ELECTRIC SERVICE. CPS ENERGY SHALL PROVIDE ELECTRIC SERVICE TO THE "NODE SUPPORT POLE" BASED ON THE REQUIREMENTS OF THIS TECHNICAL DRAWING.

Revision: 6.0

Revision Date: June 10, 2022

Effective Date: August 12, 2022

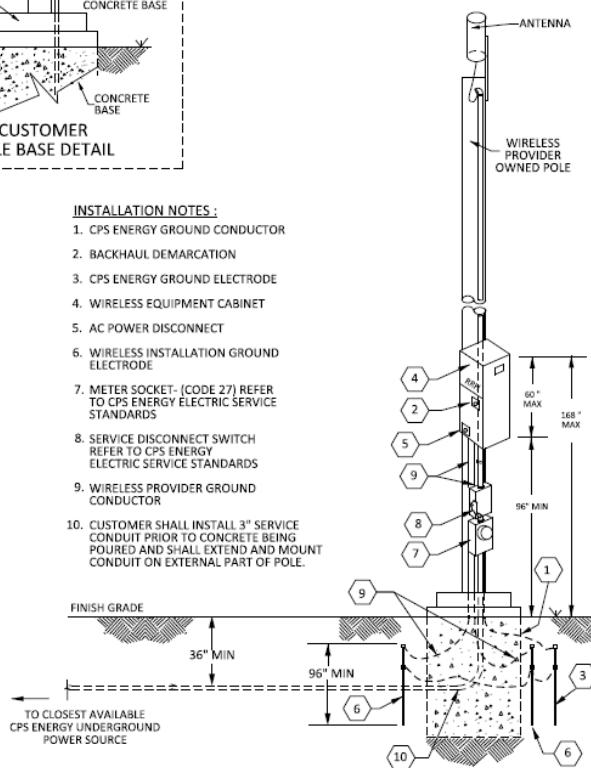
120: Addendum 5: CPS Energy’s Wireless Technical Design Standard for Node Support Pole (Electric Service Request) – Customer Owned Steel Pole with Concrete Foundation – Pole Mounted Equipment Cabinet



GENERAL NOTES:
ALL WIRELESS INSTALLATIONS WILL BE METERED AND SHALL COMPLY WITH CPS ENERGY'S ELECTRIC SERVICE STANDARDS AND ALL OTHER APPLICABLE CODES

INSTALLATION NOTES:

1. CPS ENERGY GROUND CONDUCTOR
2. BACKHAUL DEMARCATION
3. CPS ENERGY GROUND ELECTRODE
4. WIRELESS EQUIPMENT CABINET
5. AC POWER DISCONNECT
6. WIRELESS INSTALLATION GROUND ELECTRODE
7. METER SOCKET- (CODE 27) REFER TO CPS ENERGY ELECTRIC SERVICE STANDARDS
8. SERVICE DISCONNECT SWITCH REFER TO CPS ENERGY ELECTRIC SERVICE STANDARDS
9. WIRELESS PROVIDER GROUND CONDUCTOR
10. CUSTOMER SHALL INSTALL 3" SERVICE CONDUIT PRIOR TO CONCRETE BEING POURED AND SHALL EXTEND AND MOUNT CONDUIT ON EXTERNAL PART OF POLE.



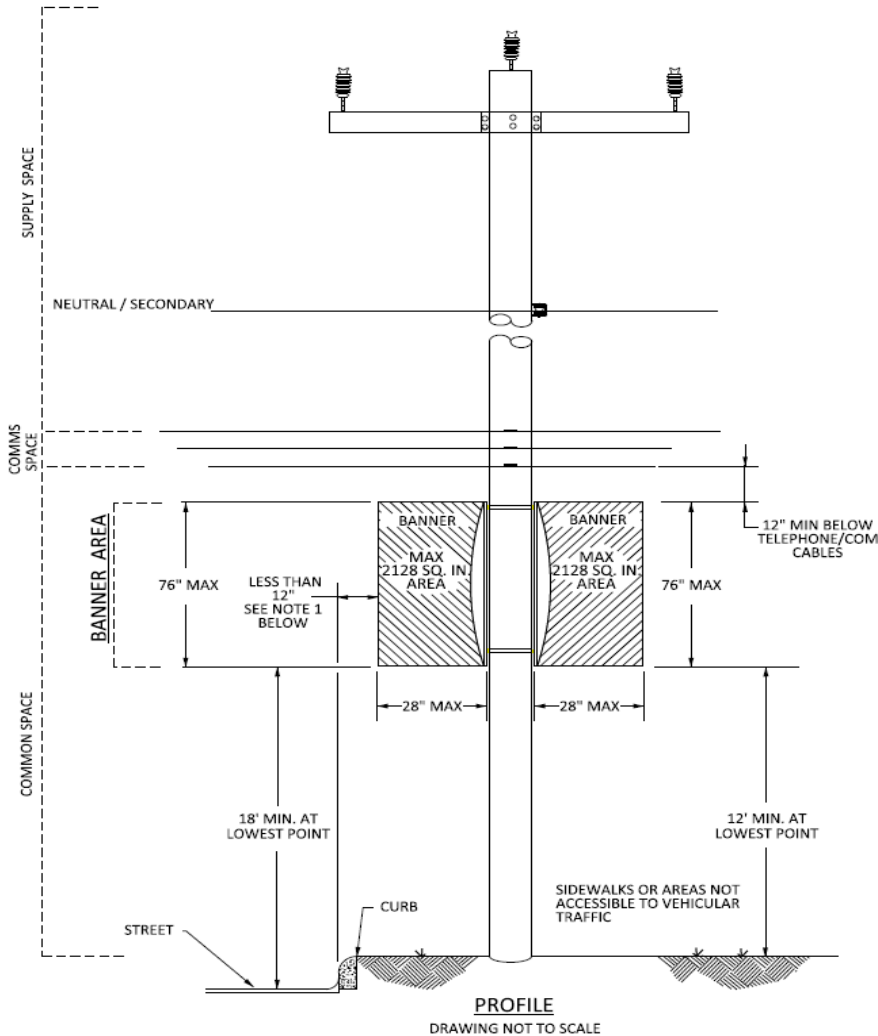
NOTE:
THIS TECHNICAL DRAWING INCORPORATED INTO THE POLE ATTACHMENT STANDARD, AS AN ADDENDUM, IS ADOPTED AS APPLICABLE ENGINEERING STANDARDS. ANY PROVIDER THAT WISHES TO INSTALL ITS OWN "NODE SUPPORT POLE" WITHIN THE CPS ENERGY SERVICE AREA, PURSUANT TO CHAPTER 284 OF THE TEXAS LOCAL GOVERNMENT CODE, SHALL MAKE A REQUEST FOR ELECTRIC SERVICE. CPS ENERGY SHALL PROVIDE ELECTRIC SERVICE TO THE "NODE SUPPORT POLE" BASED ON THE REQUIREMENTS OF THIS TECHNICAL DRAWING.



Appendix J: CPS Energy Banner Attachment Diagrams

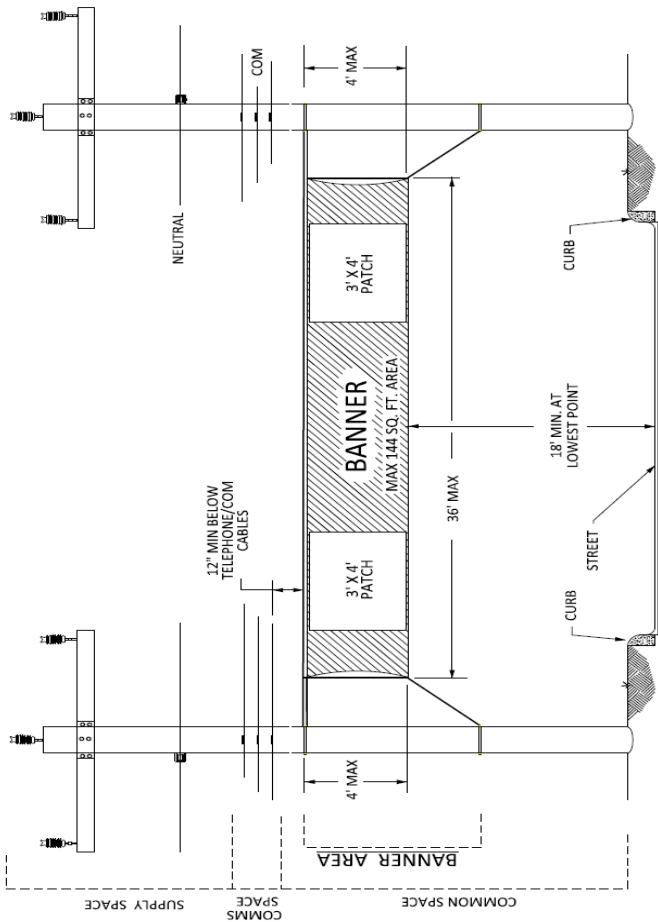
- J1: CPS Energy Typical Banner Attachment – Single Pole***
- J2: CPS Energy Typical Banner Attachment – Double Pole***
- J3: CPS Energy Typical Banner Attachment – Single Underground Streetlight Pole***

J1: CPS Energy Typical Banner Attachment – Single Pole



- NOTES:
1. IF ATTACHMENT ON STREET SIDE OF POLE IS WITHIN 12 INCHES OF THE CURB HORIZONTALLY, THE ATTACHMENT'S LOWEST POINT MUST BE A MINIMUM OF 18 FEET ABOVE THE ROADWAY
 2. BANNER BRACKETS SHALL BE SPRING LOADED.

J2: CPS Energy Typical Banner Attachment – Double Pole



PROFILE
DRAWING NOT TO SCALE

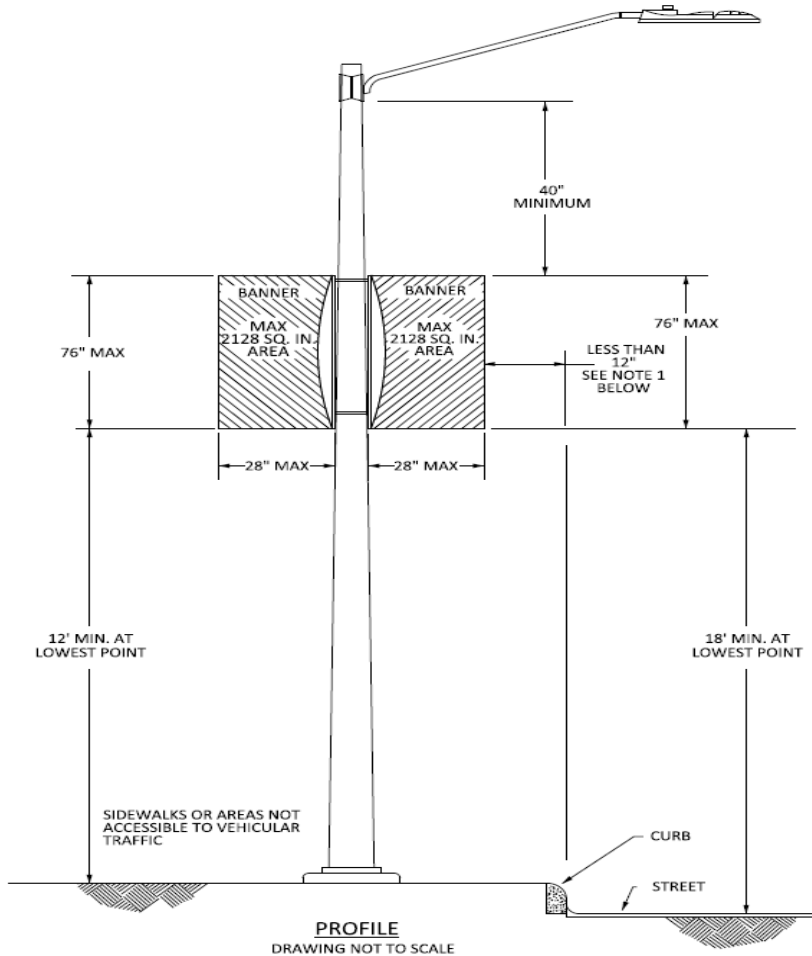
TECHNICAL SPECIFICATIONS

1. BANNERS SHALL BE 4' X 36' IN SIZE
2. BASIC FABRIC MUST BE 1/12" TO 4" OPEN-WEAVE NYLON OR POLYESTER NET
3. FRAME CONSTRUCTION WITH REINFORCED ALL-WEATHER NYLON WITH 1/4" HALYARD SEWN INTO TOP AND BOTTOM OF BANNER, BANNER SNAPS SEWN ACROSS TOP EVERY 1.5'

4. LETTER AND TEXT PATCHES MUST BE MADE OF FADE-RESISTANT NYLON OR VINYL SEWN DIRECTLY TO NET BASE FABRIC. OPEN SPACE IS NEEDED TO ALLOW AIR TO BLOW THROUGH NET.

5. NAME AND CONTACT INFORMATION MUST BE PROVIDED ON BANNER.

J3: CPS Energy Typical Banner Attachment – Single Underground Streetlight Pole



- NOTES:
1. IF ATTACHMENT ON STREET SIDE OF POLE IS WITHIN 12 INCHES OF THE CURB HORIZONTALLY, THE ATTACHMENT'S LOWEST POINT MUST BE A MINIMUM OF 18 FEET ABOVE THE ROADWAY.
 2. BANNER BRACKETS SHALL BE SPRING LOADED.



Appendix K: CPS Energy Pole Attachment List & Detail

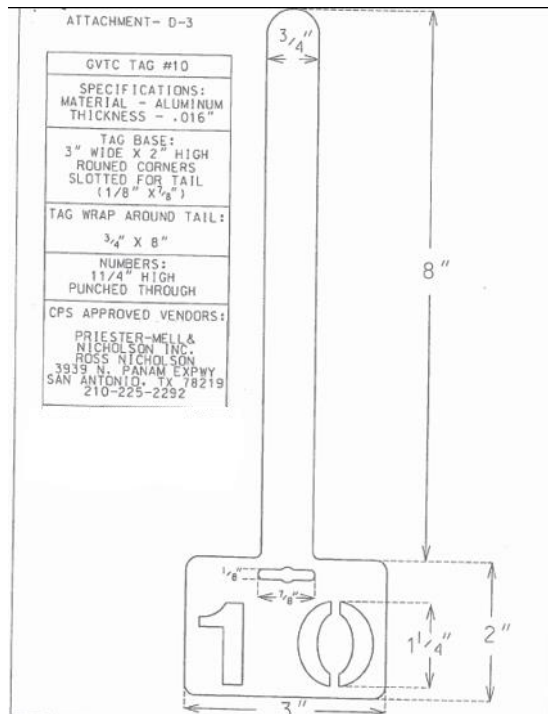
K1: Pole Attachment Tag List as of November 1, 2020

1	CPS Energy	34	American Tower Corp.
2	Charter	35	Beledon Roofing Company
3	AT&T/SBC	36	Ancira Winton Chevrolet, Inc
4	Grande Communication	37	Texas A&M University
5	MCI-Verizon	38	Weatherford Artificial Lift
6	COSA Traffic	39	Schlumberger Technology
6	COSA TCI	40	NextEra FiberNet
7	AT&T Long Distance	41	Zayo Group, L.L.C
8	Time Warner Telecom	42	APOGEE
9	TPX Communications	43	Windstream KDL, INC
10	GVTC	44	University Health System
11	GVCS	45	Witte Museum
12	Fort Sam Houston	46	Conterra
13	Carrell Communications	47	Google Fiber Texas, L.L.C
14	Rapid Communication	48	ExteNet Systems, Inc
15	VIA Metropolitan Transit	49	Mobilitie, LLC-Sprint
16	Verizon GTE	50	AT&T – Nexius
17	Alpheus Communication	51	Dixie Flags
18	Holt Texas LTD dba Holt CAT	52	Lone Star Media
19	Martin Marietta Materials	53	Unite Private Networks
20	University of Incarnate Word	54	Verizon Wireless
21	Somerset I.S.D	55	GBW Railcar Services, LLC
22	TCG(Houston) AT&T Local	56	Lubrizol
23	Leon Valley	57	Sygma
24	SAWS	58	Lackland AFB
25	Time Warner Telecom	59	Bandera Electric
26	Zachry Constr. Corp.	60	Alamo Concrete Products
27	Southwest I.S.D		
28	Northeast I.S.D		
29	Qwest Communications		
30	Fiberlight L.L.C.		
31	New Path Networks, LLC.		
32	Level 3 Communications, L.L.C.		

33	Schertz-Cibolo-Universal City ISD		
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K2: Pole Attachment Tag Detail

For the purposes of Tagging an Attachment, Overlash or Wireless Installation (including a Mid-Span Installation), CPS Energy requires the use of a Tag placed within twelve inches (12") of a Pole on the wires and cables, coded by number, color, or other means that will readily identify the owner of the Attachment at a Pole from ground level. The Tag shall be as specified below or consistent with accepted communication industry standards or other Attaching Entity supplied tag approved in writing by CPS Energy, provided the Tag is made of materials which are weather, corrosion, and Ultraviolet (UV) resistant.






Appendix L: *Reserved for Future Use*



Appendix M: CPS Energy Equal Employment Opportunity and Anti-Harassment Policy



Equal Employment Opportunity and Anti-Harassment Policy

Policy Statement: Promoting dignity and respect for CPS Energy's diverse multicultural and multiethnic workforce is the responsibility of all CPS Energy employees. CPS Energy is committed to providing a work environment free of harassment or discrimination. Harassment, including sexual harassment, undermines the integrity of employment and other working relationships. All employees and persons with business relationships with the company are to be treated with dignity and respect.

Purpose: This policy prohibits discrimination, sexual harassment, all other types of harassment and retaliation that is sexual in nature or based on an individual's race, color, religion, sex, age, national origin, gender, sexual orientation, gender identity, disability, genetic information, veteran status which creates an intimidating, hostile or offensive work environment, or which inappropriately and adversely affects an individual's employment opportunities.

Scope: This policy applies to all CPS Energy employees, vendors, contractors and customers, as well as anyone with a business relationship with the company.
It also prohibits harassment at offsite events directly related to the company's business, including business trips and social activities.
This policy applies, but is not limited, to recruiting, hiring, transfers, promotions, terminations, compensation and benefits, reductions-in-force, disciplinary actions, work assignments, and company-sponsored events.

Prohibited Conduct: Prohibited conduct includes actions that are sexual in nature or based on an individual's race, color, religion, sex, age, national origin, gender, sexual orientation, gender identity, disability, genetic information, veteran status and other basis prohibited by law. Following are descriptions of conduct prohibited under this policy.

Discrimination	<p>Unequal treatment based on race, color, religion, sex, age, national origin, gender, sexual orientation, gender identity, disability, genetic information or veteran status.</p> <p>This policy prohibits supervisors or managers from basing employment decisions – such as an employee's work assignments, performance evaluations, or promotions – on the characteristics listed in the preceding paragraph.</p>
Sexual Harassment	<p>Unwanted sexual advances, requests for sexual favors or other verbal or physical conduct of a sexual nature when:</p> <ul style="list-style-type: none"> • Submission to such conduct is an explicit or implicit term or condition of employment or • Submission to or rejection of such conduct is used as a basis for employment decisions affecting such an individual or • The conduct has the purpose or effect of interfering with work performance or creating a hostile, intimidating or offensive work environment. <p>Sexual harassment typically involves severe or pervasive conduct. This policy prohibits males from sexually harassing females or other males and females from sexually harassing males or other females.</p>

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Equal Employment Opportunity and Anti-Harassment Policy

Harassment	<p>Unwelcome verbal or non-verbal (physical and visual) conduct based upon race, color, religion, sex, age, national origin, gender, sexual orientation, gender identity, disability, genetic information or veteran status</p> <p>Any behavior or comment that creates a hostile, intimidating or offensive work environment or which adversely affects an individual's employment</p> <p>Harassment can take a variety of forms, may involve CPS Energy employees in any position and at any level of responsibility (for example, peer to peer, supervisor/ manager to subordinate, and subordinate to supervisor/manager).</p> <p>It can occur between individuals of the same protected category (for example, members of the same race or gender can harass each other).</p>
Hostile Work Environment	<p>Conduct that unreasonably interferes with work performance or creates an intimidating or offensive work environment.</p> <p>A hostile work environment under the law is determined by all circumstances, which may include the frequency of the conduct, its severity or whether it is physically threatening or humiliating.</p> <p>Although isolated incidents generally are not sufficiently severe and pervasive to violate the law, a pattern of such incidents may be unlawful.</p>
Retaliation	<p>Unequal treatment or harassment because an employee has made a good-faith report of harassment or has cooperated with or participated in an investigation conducted under this policy.</p> <p>Retaliation includes both adverse employment decisions, such as demotion, suspension, or denial of an employment benefit, and informal retaliatory conduct, such as ignoring or excluding an individual from normal interaction.</p>
Other Prohibited Conduct	<p>Unwelcome or offensive conduct that could lead to harassment or a hostile work environment. Following are examples of conduct that is prohibited under this policy:</p> <ul style="list-style-type: none"> • Derogatory or disparaging comments, epithets, slurs, graffiti, jokes, cartoons, email or voicemail messages, graphic material; • Slogans, stickers, posters, clothing, etc. making reference to stereotypes of protected categories; • Displaying sexually suggestive or lewd objects, pictures, drawings, graffiti; or making comments, actions, gestures or sounds; or unwelcome flirtations, advances and propositions; • Lewd or sexually graphic or intrusive questions or comments;



Equal Employment Opportunity and Anti-Harassment Policy

- | | |
|--|---|
| | <ul style="list-style-type: none"> • Unwelcome, offensive physical contact such as touching, hugging, kissing, patting, pinching, assault, or impeding or blocking movements; • Sexually derogatory or disparaging comments, graffiti or graphic material, including email; • Sexually profane, abusive, demeaning or vulgar language; and • Threats of a sexual nature or intimidation based on sex. |
|--|---|

Reporting a Complaint:

For CPS Energy to correct the behavior, the company must know about it. Therefore, it is essential that complaints be made in a timely manner to ensure prompt resolution.

If you believe you have been:

- Discriminated against
- Sexually harassed
- Harassed for any other reason
- Witnessed discrimination or harassment, or
- Retaliated against

You must immediately notify any of the following individuals:

- Supervisor (If the alleged offender is your supervisor, report the behavior immediately to any of the other individuals listed.)
- Department or division management
- Any member of HR Employee Relations
- Employee Relations direct line, (210) 353-3996
- CPS Energy Hotline, (888) 255-8144

Employees are strongly encouraged to report any perceived harassing behavior immediately so that CPS Energy can stop harassment before it becomes severe or pervasive.

Supervisor Responsibility:

Supervisors or managers must promptly notify HR Employee Relations staff if they:

- Receive a complaint of discrimination or harassment;
- Receive information concerning possible discrimination or harassment; or
- Observe conduct that may be discrimination or harassment.

Investigations:

HR Employee Relations staff will promptly investigate complaints. If you reported your complaint to your supervisor, area manager, CPS Energy Hotline, or any HR staff not in Employee Relations, your report will be forwarded to CPS Energy HR Employee Relations staff immediately to begin the investigation.

CPS Energy Employee Relations staff will conduct a reasonable and thorough investigation in as confidential a manner as possible.



Equal Employment Opportunity and Anti-Harassment Policy

Because CPS Energy will need to investigate the complaint, it is critical that the complainant and witnesses cooperate with the investigation by agreeing to an interview and providing as much information as possible. All employees are required to cooperate with any investigation, maintain confidentiality and be truthful at all times. Failure to do so may result in corrective action up to and including termination.

If the allegations are brought by or involve a third party, such as a contractor or vendor, CPS Energy will cooperate with the employer of the third party. In this regard, CPS Energy may take any remedial action it deems appropriate.

If after reporting the harassment or offensive behavior, no investigation occurs (e.g. you are not promptly interviewed by CPS Energy Employee Relations staff), or the behavior does not stop at once, report the discrimination or harassment to another person designated on the list in the Reporting a Complaint section.

Prompt corrective action will be taken for violations of this policy, whether it involves harassment between co-workers, by managers or supervisors or by customers, vendors, or other third parties doing business with CPS Energy.

Any substantiated violation of this policy may result in corrective action up to and including termination.

Resolution of Complaint:

Employees making a complaint or report will be notified at the investigation's conclusion. If harassment, discrimination, or retaliation occurs after the complaint, the employee should immediately notify the supervisor, department or division management, Employee Relations staff, Employee Relations direct line, or CPS Energy Hotline.

Approval:


Paula Gold-Williams
Group EVP, Financial & Administrative Services



Date

Policy Effective Date:

10/1/15



Appendix N: CPS Energy Information Systems Use Policy

 Information Systems Use Policy

Policy CPS Energy requires employees to use information systems constructively, respectfully and responsibly. Employees should maintain a work environment free of harassment and inappropriate behavior. All information created, stored or transmitted on CPS Energy information systems are the property of CPS Energy; employees do not have the expectation of privacy.

Nothing in this policy is intended to interfere with an employee's rights under any applicable federal and state law.

Purpose The purpose of this policy is to ensure employees understand the importance of proper use of information systems, including social media, smartphones, and tablets.

Scope This policy applies to all employees, including temporary employees, and contractors.

Definitions

<u>Term</u>	<u>Definition</u>
Social Media	Internet and mobile-based tools used for sharing information and interacting with others; some examples: Twitter, Facebook, LinkedIn, YouTube, Flickr, weblogs, podcasts, wikis, forums, chat rooms and message boards.
Information System	Any combination of information technology that supports business operations, management and decision making. This includes but is not limited to computers/servers, smartphones, tablets, business applications (SAP and email) and telephony systems.
Smartphone	A cellular device with built-in applications and Internet access. These devices provide a digital voice service, text messaging, e-mail, still and video cameras, and other applications. The term smartphone include devices such as a Blackberry, iPhone, etc.
Mobile Device Management (MDM)	An application used to remotely managed and monitor smartphones.

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Information Systems Use Policy

Apple ID	An ID tied to an Apple Smartphone which is required to download or purchase apps from the app store.
Un-Authorized Devices	Any device that is connected to a CPS Energy computer, network, or information system that has not been approved by Management. Such devices may include, but are not limited to un-approved USB storage devices, wireless routers, or Portable Music Players

Use of Company Information Systems

Employees should act with integrity and respect when using Company information systems.

Proper Use of E-mail – Employees (and authorized Contractors) should exercise good judgment in sending e-mail. E-mail is not secure, is discoverable in litigation and often is subject to open records requests.

Proper Internet Usage – Only employees (and authorized Contractors) may use Company information systems to access on-line services and the Internet. Employees must:

- Maintain password confidentiality; not share it with others without Enterprise Information Technology (EIT) or Enterprise IT Security (EITS) approval
- Respect laws related to material copyrighted or patented, trademarked or otherwise considered intellectual property
- Load software, freeware or shareware on Company information systems only with authorization from EIT and supervision

Use of Social Media by CPS Energy

CPS Energy uses social media to promote Company products and services to customers, and to:

- Communicate with customers about CPS Energy services
- Educate customers about the Company
- Provide timely updates during inclement weather and emergencies

Representing CPS Energy on Social Media Sites

Only persons designated by CPS Energy are allowed to represent CPS Energy on social media sites. Contact Corporate Communications for guidance.

CPS Energy employees who represent the Company in the public domain must ensure their profile and related content remains professional and is consistent with CPS branding.



Information Systems Use Policy

Employee Participation in Social Media

CPS Energy recognizes that social media and emerging technologies are changing the methods people use to communicate and collaborate. Employees should remember that the Web is an open technology and an individual's identity can be revealed and traced back to its author.

Employees engaging in social media conversations about CPS Energy must:

- Disclose he/she is an employee of CPS Energy and describe his/her role at the Company; temporary or contract employees must disclose their relationship to CPS Energy
- Include a disclaimer such as "This is my opinion and doesn't necessarily reflect the position of CPS Energy," unless one is an official Company spokesperson; without such clarification, even when posting as an individual, people may perceive an employee to be posting on behalf of the Company
- Act responsibly and ethically
- Protect confidential information
- Refrain from disparaging CPS Energy, its employees, supervision and customers
- Refrain from engaging in bullying, vulgar or abusive language, personal attacks, or use offensive or discriminatory terms toward specific groups or individuals
- Refrain from posting video, photos or other media that may be perceived as vulgar, confrontational or discriminatory
- Respect copyright and fair-use laws; always cite sources and, when possible, link back to the information being shared
- Never use a CPS Energy e-mail address, phone number or contact information; only use a personal screen name, title, or e-mail address
 - Exceptions: CPS Energy contact information may be used for sites related to professional organizations and/or professional networking, such as LinkedIn

CPS Energy employees are encouraged to use privacy settings that will protect their personal information.

Protecting Confidential Information

To protect CPS Energy confidential information, it is important that employees:

- Never disclose business confidential or proprietary financial or operating information related to CPS Energy
- Do not post video, photos or other media that displays CPS Energy facilities, property or personnel without written approval from Corporate



Information Systems Use Policy

Communications

- Never share information about CPS Energy customers
- Do not disclose personal information, including a photo or likeness, of customers or employees without their written permission
- Do not use CPS Energy’s logo or other copyrighted information

Personal Use of Company Information Systems

Company information systems, social sites, smartphones, and tablets may be used by employees for reasonable personal use, unless prohibited by their supervisors, and provided that such use does not:

- Interfere with CPS Energy business or productivity
- Violate any Company policies or laws
- Result in financial cost to CPS Energy

Inappropriate Use of Information Systems

The following are some examples of the inappropriate use of CPS Energy information systems:

- Hacking into computer systems or possession of hacker tools
- Managing a personal business or using for personal gain
- Searching for employment outside CPS Energy
- Sending chain letters, soliciting money or other contributions
- Removing communications equipment without authorization
- Attaching un-authorized devices to CPS Energy computers; such devices may include un-approved USB storage devices, wireless routers, or portable music players
- Deleting work products prior to termination
- Bullying, harassing or discriminating behavior accessing, sending or soliciting sexually oriented messages, images or prohibited websites

Monitoring of Social Media and E-mail

As with e-mail, an employee’s use of social media is subject to monitoring and CPS Energy reserves the right to remove or report inappropriate content, including that of CPS Energy employees.

Use of Company Smartphones

All CPS Energy issued iPhone’s will come with the MDM application preinstalled. This application comes with its own set of security and technical device policies. These technical policies are a requirement for all personnel using CPS Energy issued smartphone’s and can only be changed by MDM administrators.

This will ensure the confidentiality, integrity and availability of CPS Energy data and device.

Personnel with a CPS Energy-issued smartphone may not:



Information Systems Use Policy

- Connect the smartphone to non CPS Energy issued computers.
- Use a personal Apple ID or a personal email to create an Apple ID; all Apple IDs must be tied to a CPS Energy email.
- Use CPS Energy P-Cards to purchase applications, music, or movies.

Use of Third Party Applications on Smartphones: CPS Energy is responsible for the support of approved third party applications. A complete list of approved applications can be found in the MDM application.

Reservation of Rights: CPS Energy reserves the right to wipe any and all data from a company-issued device at any time without prior notice. The device will then be restored to factory and corporate default settings.

Lost and Stolen Devices: Personnel must immediately contact the EIT Service Desk at ext. 2020 (210-353-2020), in the event their device smartphone is lost or stolen. This will ensure the device is wiped in accordance with internal security protocols.

Reporting Concerns: Employees should report violations of this policy to their supervisor, Human Resources or the Ethics Hotline, 1-888-255-8144.

Corrective Action: Failure to follow this policy will result in corrective action up to and including termination.

Approval Date: 7/23/2014

Effective Date: 7/24/2014



Appendix O: CPS Energy Tree Trimming Specifications

I. GENERAL

- 1.0. The Contractor shall (except as otherwise provided for in the Specifications) furnish the materials, supplies, labor, equipment and perform the Services for tree- and brush-cutting maintenance, including, but not limited to, pruning or removal of branches or entire trees, chemical treatment and right-of-way clearing to protect electrical conductors and other CPS Energy equipment from vegetation interference and physical access restriction (i.e., bucket truck access, etc., via pathways or roads).
- 2.0. All materials which are removed, or which are subject to being removed from various locations under the scope of this Contract, shall become the property of the Contractor at the time the materials are first handled by Contractor in connection with said Services.

II. SCOPE OF SERVICES

1.0 SCOPE

- 1.1 Application. This Specification covers the minimum acceptable requirements for contract tree-care operations on CPS Energy electric and gas easements and rights of way in order to provide line-clearance and access to facilities.
- 1.2 Applicable Standard. Tree-care operations covered by this Specification shall be performed in accordance with the national standards listed below, except where it conflicts with the requirements of this Specification. The order of precedence shall be this specification, then the following standards:
 - 1.2.1 ANSI Z133.1: Safety Requirements for Tree-Care Operations: Pruning, Trimming, Repairing, Maintaining, and Removing Trees; and Cutting Brush.
 - 1.2.2 OSHA 1910.269: Training Requirements for Line-Clearance Tree Trimmers (LCTTs) and Trainees regarding training, first aid/CPR, job briefing, personal-protection equipment, materials handling and mechanical equipment.
 - 1.2.3 OSHA 1910.333: Electric Safe Work Practice- Standard for climbers or aerial lift operators for utility or line-clearance contractors, or other non-LCTTs who work within 10 feet of wires.
 - 1.2.4 ANSI A300: Standard Practices for Trees, Shrubs and Other Woody-Plant Maintenance.



1.2.5 "Pruning Trees Near Electric Utility Lines: A field Pocket Guide for Qualified Line-Clearance Tree Workers;" by Dr. Alex L. Shiga.

- 1.3 Application of Herbicides. Any person supervising the application of herbicides for the purpose of clearing vegetation from CPS Energy property (including easements) shall possess all necessary Federal, State and/or local authorizations. For example, the Contractor, when required by law, shall possess a valid Texas Department of Agriculture (TDOA) certified Applicator's License, and/or a valid license from the Texas Structural Pest Control Board (TSPCB).

Chemical herbicides shall be applied according to approved TDOA and TSPCB regulations and procedures. Standard safety and health practices shall also be followed during applications. Care shall be taken to avoid contamination of any surface or ground waters, or of any private property adjacent to CPS Energy properties or easements.

2.0 PERFORMANCE REQUIREMENTS

- 2.1 General. The Contractor shall be responsible for tree and brush maintenance, to include removal of branches or entire trees as provided herein, and right-of-way clearing to protect electrical conductors and equipment from tree interference and physical access restriction (i.e., bucket truck access, etc. via pathways or roads). Contractor shall utilize all accepted arboricultural pruning practices as described below and in the ANSI A300 standard.
- 2.2 Notification. Contractor shall distribute CPS Energy-approved door notification fliers on each property prior to initiating work; this notification shall be a minimum of three and a maximum of fifteen working days prior to work initiation. Direct customer contact, by means of a courtesy door knock, shall be attempted before entering the customer's property or before trimming is begun on adjacent property. Every attempt will be made to respect the customer's private property rights while performing line-clearance Services.
- 2.3 Customer Refusal. All customer refusals to allow proper trimming shall be referred to the Contractor Crew Supervisor at the end of each workday. If Contractor Supervision is unable to secure permission to trim, the proper CPS Energy "Refusal" document shall be completed and submitted to the CPS Energy Inspector within 48 hours for action and follow-up.
- 2.4 Clearance. The Contractor shall provide minimum tree-to-conductor clearances of three (3) feet on service drops, ten (10) feet on distribution conductors, and twenty-five (25) feet on transmission conductors. Specific tree-specie growth rates are to be taken into consideration when determining clearances (fast growth rate - more clearance required). "Cycle-buster" trees (willow, chinaberry, etc.) under circuit feeder/backbone lines will be given targeted focus for total removal.



2.5 Pruning/Cutting Requirements. The following practices shall be utilized (Reference: ANSI A300; Shigo Pruning Guide):

- Techniques consistent with the practices of natural, lateral and drop-crotch pruning shall be utilized;
- Cuts are to be made back to the main stem or to a branch which is at least one-third the diameter of the portion being removed. Stub-cuts are not allowed without prior CPS Inspector and customer discussion;
- Living branches shall be removed by making cuts as close as possible to the outer branch collar. Dead limbs shall be cut as close as possible, but not into the living tissue that surrounds the dead branch at the base;
- Precautions shall be taken to avoid stripping or tearing of bark when making the final pruning cuts on limbs;
- A minimum of cuts should be utilized to achieve required clearances;
- All limbs which appear structurally unsound and could come in contact with primary or secondary lines if broken or hinged down, shall be removed or cut back to a suitable lateral;
- Aesthetics of streetside and high-visibility trees shall be considered when determining the location of final pruning cuts. Trees requiring major or drastic pruning shall be discussed with the property owner or CPS Energy Inspector prior to initiating work;
- All dead branches overhanging or leaning towards primary conductors shall be removed;
- Contract crews shall adhere to all CPS Energy and municipal oak-wilt suppression requirements. All oak wounds are to be painted before leaving each tree; tools are to be disinfected with an approved sterilant solution after pruning any oak within one mile of an oak-wilt center. (See Exhibit C, titled "Oak Wilt Suppression Procedures," for additional requirements.)

2.6 Tree Removal. An effort shall be made to remove all fast or tall-growing trees directly below primary conductors and to treat the stump with an approved herbicide; but, in no instance, shall a tree be removed without first obtaining written permission from the owner. Contractor shall follow all requirements of the City of San Antonio Tree Preservation Ordinance when removing trees from public rights of way in commercial or designated Historic Districts (removals > 6 inches diameter at breast height require a City permit).

2.7 Material Removal and Management. Immediately after completion of the work at each location, the Contractor shall remove all equipment and manage all brush, vegetation and debris in conformity with all applicable Federal, State and City ordinances and regulations.

When feasible, and without additional cost to CPS Energy, Contractor is encouraged to facilitate the use of, rather than the disposal of, the vegetative material which results from line-clearance activities. Such facilitation may be in the form of directing the material to composting operations rather than to disposal facilities; minimizing the number of logs



which are mixed with the chipped material; uniformly chipping the material to the finest size of chips Contractor's equipment is capable of producing, etc.

2.7.1 Management Facility Site. The Contractor shall be responsible for providing CPS Energy a list of brush-management facilities to be used by Contractor in the performance of the work. These facilities shall be strategically located in the CPS Energy service area so that travel time to and from the job will be kept to a minimum. Contractor shall secure CPS Energy's written approval of such facilities prior to receipt by those facilities of brush and any other vegetation. Any facility used to dispose of material from CPS Energy line-clearance activities shall be properly permitted and zoned to receive such material. Documentation of that fact shall be provided to CPS Energy prior to use of any such type of facility. Any modifications or additions to the list will be submitted in writing to CPS Energy for approval prior to use of new management facilities.

Dumping charges associated with the disposal of brush and any other vegetation, if applicable, shall be reimbursed by CPS at actual cost provided Contractor furnishes CPS with the receipts to verify actual costs.

2.7.2 Trips. All trips to management facilities shall be made by only a minimum number of personnel. In the case of a manual crew, only the driver shall go. In the case of a bucket crew, brush will be picked up and taken to the facility by the follow-up chipper crew. In either case, work will continue for the trimmer crew.

2.8 Safety. All work shall be performed in accordance with established safety practices, including, but not limited to, those specified in ANSI Z133.1. The Contractor shall be solely and completely responsible for conditions on the jobsite, including the safety of all persons and property during performance of the work. This requirement will apply continuously and will not be limited to normal working hours. CPS Energy's evaluation of Contractor performance is intended to include review of the adequacy of the Contractor's safety measures in, on or near the work site. The Contractor is to provide and use all protective equipment necessary for the protection of Contractor's employees and general public, and to guard against interfering with the normal operation of CPS Energy facilities. Contractor shall meet all training and certification requirements outlined in OSHA 1910.269.

2.9 Service Interruption. In the event of a service interruption to a customer caused by a Contractor's crew in the performance of work, said crew shall immediately notify CPS Energy System Operations at 227-1743, giving the location and nature of the trouble. The Inspector shall also be notified within one (1) hour.



OAK WILT SUPPRESSION PROCEDURES

Introduction

Oak wilt is a very serious fungal disease which is killing oaks in central Texas at epidemic proportions. The fungus invades and plugs the water and nutrient transport systems in the tree and almost always causes death. All oaks are susceptible, especially red oaks (Spanish, Shumard, Blackjack) and live oaks. White oaks (Post, Bur, Chinquapin) are resistant and normally survive.

How Oak Wilt Spreads

Oak wilt can be carried by insects from an infected red oak to fresh wounds on an uninfected oak, or, in the case of live oaks, it may spread through interconnected root systems at over 100 feet per year.

Preventative Measures To Be Taken On All Oaks (CPS & Contractors)

Avoid pruning or wounding any oaks unless absolutely necessary.
If pruning is required, request assistance as soon as possible from the CPS Tree & ROW Maintenance Section or one of the Inspectors listed below.
Any pruning wounds or damage caused by equipment (trucks, diggers, trenchers, backhoes, etc.) must be painted immediately, within a minimum of thirty minutes. This includes any cracked or ripped limbs and wounds to trunks, limbs or root flares which may have been damaged by passing equipment. **The revised City of San Antonio Tree Preservation Ordinance has a requirement that all wounds to oak trees be painted within thirty minutes.**

Within a known infection center, all tools must be disinfected with a 10% Clorox and water solution or Lysol spray before using these tools on any other oak tree.

Requests for Assistance From the Tree & ROW Maintenance Section

When assistance is required, please provide as much notice as possible or call as soon as damage occurs. Contact names and numbers are listed below:

	Office	Radio#	Cellular
Section Office	353-3593	2400	
James F. Koenig	353-3798	2401	844-5457
Terri Minnia	353-5871	2405	394-3580
Margie Regalado	353-5218	2403	394-3579
Clyde Stroud	353-5870	2404	394-3578
John Gutierrez	353-5872	2402	275-6935
Sid Bonilla	353-5243	2407	287-9767



Municipalities With Oak Wilt Ordinances
(as of October 2009)

<u>Alamo Heights</u> (Ord. 1363)	<u>Public Works Director</u> 6116 Broadway 826-0516
<u>Balcones Heights</u> (Ord. 16-96)	<u>City Administrator</u> 3300 Hillcrest 735-9148 ext. 227
<u>Castle Hills</u> (Ord. 789)	<u>City Manager</u> 209 Lemmonwood Dr. 342-2341
<u>Fair Oaks Ranch</u> (Ord. 113.0)	<u>City Supervisor</u> 7286 Dietz-Elkhorn Road 698-0900
<u>Garden Ridge</u> (Ord. 71)	<u>Director of Public Works</u> 9537 Schoenthal 651-6632
<u>Helotes</u> (Ord. 120)	<u>Building Development Permits</u> 12951 Bandera Rd. 695-8877
<u>Hill Country Village</u> (Ord. 729)	<u>City Administrator</u> 116 Aspen Ln. 494-3671
<u>Hollywood Park</u> (Ord. 585)	<u>City Secretary</u> 2 Mecca Dr. 494-2023 ext 21
<u>San Antonio</u> Ord 97332 ArticleVIII 21-170	<u>CoSA Arborist</u> 114 W. Commerce St. 207-8053
<u>Schertz</u>	<u>No oak wilt ordinance; but have tree preservation measures in their Unified Development Code</u>
<u>Selma</u>	<u>No oak wilt ordinance, but have a requirement to attain a permit from City Hall prior to any work being performed within their boundaries.</u> Selma City Hall, 9375 Corporate Dr. 651-6661
<u>Shavano Park</u> (Ord. 600-137-04)	<u>Director of Water Utility</u> 900 Saddletree Court 493-3478
<u>Terrell Hills</u> (Ord. 953)	<u>City Manager</u> 5100 N. New Braunfels 824-7401



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