

Wireless Attachment Devices: Standards

- Unless mutually agreed to otherwise, one wireless device no greater than 36x24x12 inches in size (receiver, transmitter or combination unit) allowed per pole and only one wireless provider permitted on a single pole.
- Unless mutually agreed to otherwise, only one wireless device may be attached to a streetlight bracket; no more than 3 feet and no less than 6 inches from the pole. Maximum weight of the device shall not exceed 15 pounds when installed on a street light arm.
- For safety, when wireless equipment is installed above the communication space, it must be installed by a Nixa approved contractor qualified to work in the supply space.
- Nixa may allow attachment with the understanding the City may reserve pole space for any planned future utility installation.
- Amplifiers and equipment other than wireless devices will not be allowed in the supply or communication space on utility poles.
- All communication devices requiring power shall have a disconnect device to allow the utility to disconnect power and avoid RF exposure to its employees when working around the device.
- Providers to discuss design and mounting of all antennas with Nixa Utility Department prior to installation.
- For safety, no work shall be completed in the supply space without approval of Nixa Utility Department.
- Due to safety concerns, all poles where antennas are to be installed must be bucket truck accessible and only on distribution or street light poles.
- Providers should seek to place antennas on tangent poles and not poles with utility equipment such as transformers, capacitors, reclosers or underground risers for primary conductors.
- Height of all distribution poles used to mount pole top antennas may increase by 5 feet above existing pole height, but add no more than 20 feet to height of existing structure. Use of pole top extensions is discouraged and shall not be utilized unless the parties mutually agree.

- Antenna coax cable, unless agreed to otherwise, shall be installed in maximum size 2 inch diameter Schedule 40 PVC conduit. Conduit supports should be installed every 5 feet.
- When required, two RF warning signs must be installed; one near pole top level where the safe approach level ends (for FCC General Population/ uncontrolled power levels) and one near the base of the pole. These signs shall say, "Warning – safe approach distance is (xx) feet". Sign shall also indicate antenna owners name and contact number where a representative of Licensee can be reached twenty-four (24) hours a day, seven (7) days a week to receive reports of problems with the Facilities. All labels shall be kept accurate and current.
- For safety, the antenna power source shall have a lockable disconnect installed to allow the antenna and battery backup to be de-energized when required for safety.
- Disconnect, meter and antenna equipment must be installed to comply with Nixa Utility Department construction standards.
- A driven pole ground is required for each antenna installation, and will be installed per Nixa Utility Department construction standards.
- If a pole with communications equipment needs to be replaced, NJUNS (National Joint Utilities Notification System) will be used to notify the attaching companies to transfer their equipment.
- Installation of devices and antennas should be visually obscure, which means any facility must be covered, blended, painted, disguised, camouflaged or otherwise concealed to blend with the surrounding environment as mutually agreed to by the Parties.
- City of Nixa will review and approve all equipment installation designs and in collaboration with the providers may require changes to conform to City ordinances, regulations or codes and to reasonably provide an aesthetically pleasing installation. All installation designs must be mutually agreed to by the provider and the City prior to installation.
- Licensee shall comply with and observe all applicable city, state and federal historic site or district preservation laws and requirements.