

Street Light Pre-Final Inspection

The following checklist is a guideline offered to electrical contractors for street lights within the City of Fairfield. It is recommended contractors review checklist prior to and during construction to facilitate the final inspection process. This is offered as a guideline and may or may not include all City of Fairfield requirements. It remains the contractor's responsibility to review all applicable documents to verify compliance to City of Fairfield standards and specifications or special provisions. (1-10-11 V1)

- ☐ Are the fixtures and poles properly leveled. For cobra head type fixtures, there should be a cross indicating where to place the level. This is used in leveling the fixture.
- ☐ Do the fixtures have a wattage number located somewhere facing the street? For cobrahead type fixtures, the wattage shall be clearly labeled on the underside of the fixture as can be seen from the roadway directly beneath the fixture.
- ☐ Are the externally photo electric control mounted on each fixture facing due north?
- ☐ Is the conduit schedule 80 PVC (polyvinyl chloride) thick walled minimum 2" and greater as specified in the plans and meeting American Standards Testing Materials (ASTM)?
- ☐ Are the bends in the conduit run less than 360 degree?
- ☐ Are the conductors neatly coiled and labeled in each pull box with there respective number, wattage, and voltage?
- ☐ Are all street light splices soldered, coated with electrical coating, wrapped with insulating tape and then vinyl taped and again covered with electrical coating? Splices shall occur in the pull boxes and fuses in the street light hand hole.
- ☐ Absolutely no conduit or conductor splices are allowed except in the pull boxes nearest the street light its serving. Has this been verified?
- ☐ Does each conduit termination include a end bell with duct seal?
- ☐ Is each street light grounded and bonded from pole to pole and pull box to pull box?
- ☐ Does the pull box sump contain ¾" clean rock? If grouted, are there drain holes to allow moisture to escape?
- ☐ Does each pull box have a lockable metal insert to prevent wire theft?
- ☐ Does each conduit include a 2500 lb ¾" nylon pull tape with tracer wire and foot markings.
- ☐ Are the conduits at least 2" – 4" above the ¾" clean rock/grout?
- ☐ Is there a minimum of 12" between the bottom of the lid and the top of the conduits?
- ☐ Are the pull boxes set to grade with a 12" x 4" concrete collar including the street light?
- ☐ Are the pull boxes lids clean a free of debris and cement? Doe the they have the proper labeling, i.e., street lighting"?
- ☐ Is the street light is being relocated? If so, no conduit or conductor splices shall be allowed.



City of
FAIRFIELD California

Public Works
Fairfield Transportation Center
(707)434-3800
www.fairfield.ca.gov