

# Equipment Submittals for Street Light Projects

This document represents a general guide of the street lighting equipment required for approval prior to construction. Each project is different and in no way constitutes all the equipment that might be required for a street light project. This list does not preclude the City from requesting additional equipment specifications or product cut sheets if deemed necessary. (1-6-21V3)

Please check the items that apply to the street lighting project. If you have any questions regarding a equipment or need clarification, please contact the COF inspector or COF Engineer.

- 1.) Poles, (Refer to City Standard Detail) - Certification that poles match the design (and photometrics)
- 2.) Wiring/Conductors
  - a.) Conductors (THWN-2 rated)
  - b.) Ground (solid)
  - c.) Inline Fuses Connectors and wire connectors
  - d.) Fuses (5 amp slow blow, non delay)
  - e.) Bonding connectors
  - f.) Scotchkote
  - g.) 3M 33+ Electrical Tape
  - h.) 3M 130C Splicing Tape
- 3.) Conduit (Schedule 80)
  - a.) Bel Ends
  - b.) Conduit (Schedule 80)
  - c.) Bend Sections (Sweeps)
  - d.) Couplers
  - e.) Cement
  - f.) Primer
  - g.) Water based lubricant (if applicable)
  - h.) Duct Seal
  - i.) Pull Tape (5/8" x 2,500 lb)
- 4.) Pull boxes (Precast Fiber reinforced) and Anti-theft Wire System SCTE 77, Tier 22, UL 66WF
- 5.) LED Street light fixtures – Identify wattage and voltage (10 Year Warranty) - Certification that fixtures match the design (and photometrics)
- 6.) Photoelectric control (20,000 hour/10 year Non Delay) - Twistl-ock



City of  
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