

Land Development

Street Light General Notes

41000 Main Street
Temecula, CA 92590
Phone: 951-694-6444
www.temeculaca.gov



Street Light Construction plans shall be submitted for review and include the following, but not be limited to:

1. Street Light Design Plans for construction shall follow the latest edition of the City of Temecula Street and Safety Lighting Standard Guidelines.
2. This project shall comply with the Mt Palomar Light Pollution Ordinance No. 655.
3. These plans have been examined by the City of Temecula Engineering Division to insure compliance with General Engineering Standards and the City's Design Standards and Specifications. The Engineer-of-work shall bear the sole responsibility of the mathematical data and accuracy of design shown hereon.
4. Street Light locations may be adjusted in the field a maximum of 10 feet to avoid existing obstructions such as driveways, catch basins, fire hydrants, etc. Any deviation exceeding 10 feet shall be approved in writing by the City of Temecula Engineering Department.
5. A revised street lighting plan shall be required for any changes made to the subdivision maps or design plans which affect street alignments, lot sizes, parcel sizes boundaries, etc.
6. All revisions to improvement plans, or material substitution requests proposed during construction, shall be submitted in writing to the Engineering Department by the Engineer of Record and shall follow the procedures for approval outlined in the most current City of Temecula Engineering Department directives.
7. In order for the City of Temecula's lighting district to assume the operations and maintenance of a lighting system of any public street, the street shall be accepted by the City and open to the general public.
8. Street lights shall be installed behind the sidewalk, luminaire arm oriented over the street and perpendicular to its centerline:
 - A. Arterial Streets (6 Foot Sidewalk): 7' – 9" from curb face to center of pole foundation.
 - B. Non-Arterial Streets (6 Foot Sidewalk): 7' – 9" from curb face to center of pole foundation.
 - C. Meandering Sidewalks: 18" min. from curb face to outside of pole.
9. Placement
 - A. On streets where sidewalks are 5.5 feet or less in width, excluding the top of curb, and are adjacent to the curb, the street lighting electrolier standards and pull boxes shall be placed outside the sidewalk area unless otherwise specified on the City of Temecula approved plan.
 - B. On all streets, handhole/pull box shall be placed "in-line" with Street Lighting Standard and shall not be placed in front of or behind standards on sidewalks within the path of travel.
10. There shall be no above-ground obstructions in any portion of the sidewalk (where the width, exclusive of top of curb, is 5.5 feet or less). Where power/telephone/cable poles, Street Light Standards, fire hydrants and control boxes occur in the 5.5 foot sidewalk, the sidewalk shall be modified per City of Temecula Standard Plan No. 402.
11. All mast arms and brackets shall be perpendicular to the curb face and 8 feet long unless otherwise specified on the City of Temecula approved plan.

Land Development

Street Light General Notes

41000 Main Street
Temecula, CA 92590
Phone: 951-694-6444
www.temeculaca.gov



12. All lights shown on this plan shall be installed and operational prior to acceptance of the system into the City of Temecula's lighting district.
13. All street wiring and appurtenant apparatus shall be undergrounded.
14. Street Lights shall be constructed per the City of Temecula approved plan. Lights not constructed according to the approved plan shall be removed and relocated at no expense to the City of Temecula.
15. Street light shall be erected such that the base door is perpendicular to the curb and located on the side of the street light facing oncoming traffic.
16. All equipment required hereon for furnishing electrical service, for each circuit, shall be installed and inspected prior to any other construction on that circuit.
17. The contractor shall give written notice, 72 hours in advance of removal of a street light, to any public agency maintaining equipment supported by the street light.
18. Foundation and pull boxes not remaining in service shall be removed. The resulting excavation shall be filled with material similar to adjacent material and satisfactorily compacted with a mechanical compactor in layers not exceeding 12 inches. The surface shall be finished to match the adjacent surface.
19. All pull boxes shall be No. 3 ½. All street lighting pull box lids shall read "Street Lighting". Pull boxes located adjacent to driveways and alleys shall be installed at a minimum distance of 5 feet from the top of the driveway "X" or 5 feet from the travel way of the alley.
20. Pull boxes installed at intersections of local streets shall be installed no closer to the intersections than the B.C.R. of an assumed future 35-foot radius curb return.
21. Warning: Safety clearance shall be obtained daily from the affected utility company before doing any work in close proximity to any overhead electrical line.
22. Contractor shall be responsible for preserving the condition of all existing equipment to be reused, modified or returned to the City of Temecula Public Works Department.
23. Equipment indicated "Dispose" shall become the property of the contractor and be properly disposed off-site by the contractor.
24. Contractor shall repair, at his cost, the damage caused to existing landscaping and irrigation systems during the construction of this project. Repairs shall be made within 5 working days after damage occurs.
25. Contractor shall locate and protect substructure(s) shown hereon and shall provide for a minimum 12-inch horizontal clearance between foundations and substructure. In the event a 12-inch clearance cannot be achieved, the contractor shall make arrangement for relocation of substructures with the City.

Land Development

Street Light General Notes

41000 Main Street
Temecula, CA 92590
Phone: 951-694-6444
www.temeculaca.gov



26. In the event of overhead lines conflict with street lights the contractor shall make necessary arrangements with Southern California Edison to raise their overhead facilities in order to provide for the following clearances with existing and/or proposed street lights:
 - A. Low Voltage: Minimum 3-foot Clearance between overhead lines and street lights.
 - B. High Voltage: Minimum 6-foot clearance between overhead lines and street lights.
27. In the event of overhead communication line conflict with street lights, Contractor shall make necessary arrangements to provide a minimum 12-inch clearance.
28. Proposed street light foundations and pull boxes shall be installed outside of access ramp areas. Existing foundations and pull boxes shall be reconstructed to clear access ramps by a minimum of 12-inches.
29. Conduit that is to be abandoned shall have wires removed. The conduit shall be removed to a depth of at least 12 inches below the surface and have both ends crimped or capped.
30. Electrical system for LS-3 rate schedule street lights shall comply with Sections 700 latest edition of the Greenbook and the latest edition of California Electrical Code/National Electrical Code.
31. Proposed LS-3 rate schedule street light foundations, pedestals, pull boxes and other associated LS-3 street light system appurtenances shall be installed within the City right-of-way.
32. Street lighting standards for LS-3 rate schedule street lights shall be concrete Ameron or approved equal per City of Temecula Street and Safety Guidelines.
33. Proposed LS-3 rate schedule concrete street light foundations shall be in accordance with the City of Temecula Standard Plan 801.
34. As-Built plans and asset/attribute data shall be submitted to the City prior to acceptance of improvements.
35. All new conduits shall be 2" PVC schedule 80 unless shown otherwise on the plans.
36. Lighting shall be maintained throughout project.
37. Lighting calculations are required to verify appropriate lighting levels.
38. Service to all existing lighting shall be maintained at all times.
39. Contractor shall furnish and install street lighting standard and light fixture as specified unless otherwise shown on the plans.
40. SCE Service Planner _____ Work Order Number (TD and/or PI No.)
_____.