



Street Light Layout Checklist

City of Phoenix

Streets Transportation Department

Street Transportation Department File No: _____ Date: _____

Development Services Department KIVA No: _____ Project Name: _____

Reviewed by: _____ Phone Number: _____

Engineer: _____ Phone Number: _____

The purpose of this checklist is to guide the developers on street light layouts on residential subdivisions, apartments, condominiums, commercial and industrial projects. The [City of Phoenix Street Lighting Layout Guidelines](#) is a source for information on street light layout in public right-of way.

This checklist serves to minimize redline comments on the check prints and to maintain consistency of the plan review process for streetlight layouts in the public right-of way. Plan approval and issuing permits depend on the compliance with the comments made on the check prints and this checklist. The engineer of record shall satisfy themselves of the completeness and accuracy of the design.

Please return this checklist and the check prints with your next submittal. Discussion of redlines comments on plans or this checklist should be directed to the plan reviewer listed above.

If construction has not started within (1) year of the date of plan approval, or if there is a halt in construction of more than one (1) year, approval will become void and public streetlight plans shall be resubmitted for updating and re-approval.

The following symbols are used to identify changes needed to the plans.

[X] REQUIRED [√] O.K.

GENERAL REQUIREMENTS

- [] The street light plans must be submitted on 24' x 36" sheets.
- [] City of Phoenix Standard border with approval block must be used.
- [] The scale must be shown on the plans 1" = 20' or 1" = 40'
- [] Graphic Scale
- [] A north arrow is required on each sheet

- [] A vicinity or site location map is required on the cover sheet
- [] The developer's name, address and phone number must be shown on the cover sheet
- [] The Street Light Design Professional name, address and phone number must be shown on the cover sheet
- [] Project title block filled out with name and location of project
- [] Project Number/KIVA #/SDEV #, Project Title and Address, if applicable (36 font, minimum font) must be shown on the cover sheet
- [] Blue Stake caution Label must be shown on each plan sheet
- [] An index of sheets is required
- [] The minimum height of all text and symbols must be 0.1" (one-tenth of one inch)
- [] Show and label all abutting streets
- [] Show landscape and abutting street(s)
- [] Show setbacks and proposed landscape concept
- [] Show location of retentions basins and retaining walls
- [] Identify location – show site and adjacent parcels
- [] Show dimensions for FOC on all intersection street legs per the current City of Phoenix standards
- [] Show existing and proposed driveway locations
- [] Label adjacent zoning and land use
- [] Show lot lines and dimensions
- [] The current COP General Notes must be shown on the cover or detail sheet
- [] All plan sheets shall display construction notes pertinent to each sheet
- [] Construction notes indicating all equipment to be installed, removed or relocated
- [] The following information is required for each proposed and existing street within and adjacent to the development:
 - a. Name
 - b. Right-of-way width
 - c. Improved width of street, typically street centerline to back-of-curb dimensions
 - d. Tract " " for private streets
- [] All existing and proposed waterlines and fire hydrants shall be shown
- [] All existing and proposed overhead and underground utilities shall be shown
- [] Locate proposed trees at least 20' from a proposed street light pole location
 - [] There should be a minimum six (6') feet of clearance between streetlight poles and fire hydrants, city water facilities, or city sewer facilities. Provide dimensional ties to fire hydrants where potential conflicts may occur (within 10' of street light pole)
- [] All proposed and existing street lights within 300' from the first proposed streetlight should be shown with stationing and dimensional ties to the street centerline
- [] Proposed streetlights in residential areas should be located within 5' of property lines. Lights located in residential areas but not adjacent to homes may be shown by station and offset only
- [] Show all project phasing on the plans
- [] Provide a quantity tabulation of the number of streetlight poles on the cover sheet
- [] Identify utility provider on the plan set

- [] Provide a legend on the plans identifying the following items:
 - a. Luminaire description
 - 1. Local street – 100 watt, 9,500 lumen, high pressure sodium
 - 2. Collector street – 150 watt, 16,000 lumen, high pressure sodium
 - 3. Arterial street – 250 watt, 30,000 lumen, high pressure sodium
 - b. Luminaire mounting height
 - c. Pull Box size and type
 - d. Existing luminaire type, pole, and wattage
 - e. Traffic Signal Mounted Luminaire type, pole, and wattage
- [] Coordinate streetlight plan with the engineer preparing other offsite improvement plans
- [] Provide stations at all intersections
- [] Utility provider must be shown with all applicable utility notes
- [] Label specific locations, sizes, and dimension from center line and/or monument line along with the following:
 - a. Existing and proposed underground utilities
 - b. Existing and proposed overhead utilities
 - c. Face of curb
 - d. Width of sidewalk
 - e. Width on any PUE
 - f. Edge of right-of-way
 - g. Edge of pavement
- [] Quantities must be tabulated separately by phase. Private streetlights must be tabulated separately from public streetlights.
- [] Street light General Notes must be shown
- [] On residential, collector and arterial streets, all existing and/or proposed driveways and American Disability Act (ADA) ramps shall be shown on the streetlight plans