


INTERNAL MEMO

Date: February 1, 2008
To: Public Works Department Division Heads
From: Marissa Diaz, Senior Civil Engineer 
Subject: LS-3 Street Light Standards

BACKGROUND

On February 27, 2007, City Council adopted a resolution to place new street lights on the LS-3 Rate Schedule. LS-3 street lights are metered and will be owned and maintained by the City of Lancaster.

Prior to adoption of this resolution, all street lights were placed on either the LS-1 rate schedule (owned and maintained by SCE) or the LS-2 rate schedule (unmetered and maintained by SCE, but owned by the City).

As of July 1, 2007, all developments that are submitted to the Planning Department will be conditioned to install LS-3 schedule lights. The condition will read:

"Per the direction of the Public Works Director, all street lighting systems designed after July 1, 2007, shall be designed as City owned and maintained street lighting systems. The Developer's engineer shall prepare all plans necessary to build said street lighting system in accordance with Southern California Edison and the City of Lancaster standards."

As such, in addition to the street light layout plan currently required, LS-3 street light plans will also include electrical design.

LS-3 STREET LIGHT STANDARDS

The street light layout plan shall be prepared by a licensed civil engineer and shall comply with the requirements in the current City of Lancaster Engineering

Design Guidelines and the County of Los Angeles Department of Public Works Procedures for the Preparation of Street Light Layouts by Private Developer.

The street light plans shall also comply with the City of Lancaster I.E.S. Based Design Criteria which specifies lumen, spacing, mounting height, luminaire type, wattage, and type of lamp (please note that the City of Lancaster I.E.S. based design criteria is different from the County's).

Section 4 of the Los Angeles County Department of Public Works Standard Plans refer to Section 4 of the "Greenbook" Standard Plans and should be utilized in design of the LS-3 street lights.

Placement of the street lights relative to the sidewalk shall be as follows:

CLASSIFICATION	PLACEMENT OF STREET LIGHT
Arterial Streets (8 ft Curb & Sidewalk)	18 inches from curb face to outside edge of pole
Non-Arterial Streets (12 ft Parkway)	6 inches behind back of sidewalk

For the electrical design of the LS-3 street lights, the electrical plans must be prepared by a licensed electrical engineer. Electrical design plans and specifications shall comply with Section 209 of the "Greenbook" and shall comply with the 2007 California Electrical Code/2005 National Electrical Code.

Meter locations are to be approved by the City and SCE as this is the point of service connection and the point at which City maintenance of the LS-3 street lights terminate.

Please note that this memo does not apply to Highway Safety Lights. Design standards, placement, plans and specifications for Highway Safety Lights shall remain part of the Traffic Signal plans and shall meet the requirements set by the Traffic Division.