

ANY NEW STREET LIGHTING OR MODIFICATIONS TO EXISTING CITY-OWNED AND EDISON OWNED STREET LIGHTS MUST CONFORM TO GENERAL SPECIFICATIONS LISTED HERE AND TO THE CITY OF HUNTINGTON BEACH STANDARD SPECIAL PROVISIONS FOR THE CONSTRUCTION OF TRAFFIC SIGNALS AND STREET LIGHTING SYSTEMS, CURRENT EDITION.

CITY-OWNED STREET LIGHTS

GRADING PLANS OR STREET IMPROVEMENT PLANS MUST SHOW EXISTING AND NON-AFFECTED STREET LIGHTS, (ON EACH SIDE OF THE PARCEL(S) AND ON BOTH SIDES OF THE STREET). THE INFORMATION SHALL CONTAIN STREET LIGHT POLE STATIONING, LUMINAIRE MOUNTING HEIGHT, MAST ARM LENGTH, AND LAMP WATTAGE OR LUMEN OUTPUT, PULL BOXES, AND CONDUIT.

1. RELOCATION OF EXISTING CITY-OWNED STREET LIGHT(S) SHALL INCLUDE INSTALLATION OF NEW CONDUIT, PULL BOXES, AND WIRING BETWEEN THE NEAREST NON-AFFECTED STREET LIGHTS.
2. CONDUIT SHALL BE 2" SCHEDULE 40 P.V.C., INSTALLED UNDER THE SIDEWALK. CONDUIT DEPTH SHALL BE AT A MINIMUM OF 24".
3. RELOCATED AND NEW STREET LIGHTS WITHOUT SUFFICIENT SPACE WITHIN THE POLE BASE TO ACCEPT INCOMING CONDUITS SHALL HAVE A NO. 5 PULL BOX INSTALLED DOWNSTREAM (IN THE DIRECTION OF TRAFFIC FLOW) OF THE STREET LIGHT POLE FOUNDATION (SEE STANDARD PLAN NO. 422) WITH 1 1/2" (MIN) SCHEDULE 40 P.V.C. CONDUIT INSTALLED BETWEEN THE POLE AND PULL BOX.
4. STREET LIGHT CONDUCTOR TYPE AND SIZE SHALL BE AS SPECIFIED ON THE PLAN.
5. ALL STREET LIGHTS SHALL BE INDIVIDUALLY FUSED.

IT SHOULD BE NOTED THAT PARCELS LOCATED ON STREET CORNERS MAY AFFECT TWO STREET LIGHT CIRCUITS. THE APPROPRIATE STREET CROSSING, ETC. WILL BE REQUIRED. THE ENGINEER OR ARCHITECT SHALL CONTACT THE TRAFFIC SIGNAL AND STREET LIGHTING MAINTENANCE SECTION, (714) 536-5530, TO DETERMINE IF THE PARCEL IN QUESTION AFFECTS MORE THAN ONE STREET LIGHTING CIRCUIT.

IF NEW STREET LIGHTS ARE REQUIRED ON ANY STREET (AT THE DISCRETION OF THE TRANSPORTATION MANAGER), NEW STREET LIGHT POLES AND LUMINAIRES SHALL BE AS SPECIFIED IN THE CURRENT SPECIAL PROVISIONS.

STREET LIGHTS ON PACIFIC COAST HIGHWAY, (STATE ROUTE 1), AND BEACH BOULEVARD, (STATE ROUTE 39), WILL REQUIRE AN ENCROACHMENT PERMIT AND CALTRANS APPROVAL.

ALL COSTS ASSOCIATED WITH DESIGN, ENCROACHMENT PERMIT APPLICATIONS, INSPECTION, INSTALLATION OF CONDUITS, STREET LIGHTS, PULL BOXES, AND OTHER EQUIPMENT, MATERIALS, OR LABOR ASSOCIATED WITH STREET LIGHT INSTALLATION OR MODIFICATIONS, SHALL BE BORNE BY THE CONTRACTOR.

APPROVED:



TRANSPORTATION MANAGER

**CITY OF HUNTINGTON BEACH**

DEPARTMENT OF PUBLIC WORKS



REVISION DATE: 6/23/08

MODIFICATION TO CITY AND EDISON STREET LIGHTING SYSTEMS

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PROPOSED STREET LIGHT PLACEMENTS SHALL BE REVIEWED AND APPROVED BY THE TRAFFIC ENGINEER. STREET LIGHTING ILLUMINATION CALCULATIONS ARE REQUIRED FOR ALL STREETS. A MEETING TO DISCUSS PROPOSED STREET LIGHT INSTALLATIONS WITH TRAFFIC ENGINEERING STAFF IS STRONGLY RECOMMENDED.

THE PLANS SHALL CONTAIN THE FOLLOWING CONSTRUCTION NOTE: INSTALL CITY-OWNED STREET LIGHT, \_\_\_\_ WATT (OR \_\_\_\_ LUMENS), \_\_\_\_ FOOT MOUNTING HEIGHT, \_\_\_\_ FOOT MAST ARM. SEE THE CURRENT SPECIAL PROVISIONS, FOR THE CATALOG NUMBERS FOR THE HIGH PRESSURE SODIUM VAPOR LUMINAIRES.

THE PLANS SHALL CONTAIN EITHER: A) THE STREET LIGHT POLE STATIONING BASED ON THE STREET CENTERLINE STATIONING; OR B) DIMENSION TO THE NEAREST PROPERTY LINE.

### EDISON OWNED STREET LIGHTS

1. GRADING PLANS OR STREET IMPROVEMENT PLANS MUST SHOW EXISTING AND NON-AFFECTED STREET LIGHTS, (ON EACH SIDE OF THE PARCEL(S) AND ON BOTH SIDES OF THE STREET ). THE INFORMATION SHALL CONTAIN STREET LIGHT POLE STATIONING, LUMINAIRE MOUNTING HEIGHT, MAST ARM LENGTH, AND LAMP WATTAGE OR LUMEN OUTPUT, PULL BOXES, AND CONDUIT.
2. PROPOSED STREET LIGHT PLACEMENTS SHALL BE REVIEWED AND APPROVED BY THE TRAFFIC ENGINEER. STREET LIGHTING ILLUMINATION CALCULATIONS ARE REQUIRED FOR ALL STREETS. A MEETING TO DISCUSS PROPOSED STREET LIGHT INSTALLATIONS WITH TRAFFIC ENGINEERING STAFF IS STRONGLY RECOMMENDED.
3. THE PLANS SHALL CONTAIN THE FOLLOWING CONSTRUCTION NOTE: INSTALL EDISON-OWNED STREET LIGHT, \_\_\_\_ WATT (OR \_\_\_\_ LUMENS), \_\_\_\_ FOOT MOUNTING HEIGHT, \_\_\_\_ FOOT MAST ARM. SEE THE CURRENT SPECIAL PROVISIONS, FOR THE CATALOG NUMBERS FOR THE HIGH PRESSURE SODIUM VAPOR LUMINAIRES.
4. THE PLANS SHALL CONTAIN EITHER: A) THE STREET LIGHT POLE STATIONING BASED ON THE STREET CENTERLINE STATIONING; OR B) DIMENSION TO THE NEAREST PROPERTY LINE.

APPROVED:

  
TRANSPORTATION MANAGER

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