

## GENERAL NOTES FOR STREET LIGHTING

MATERIALS AND WORK SHALL CONFORM WITH OR EXCEED THE REQUIREMENTS OF THE NATIONAL ELECTRIC CODE, THE ELECTRICAL SAFETY ORDERS OF THE DEPARTMENT OF INDUSTRIAL SAFETY, DEPARTMENT OF INDUSTRIAL SAFETY, STATE OF CALIFORNIA (THE PUBLIC UTILITIES COMMISSION'S OVERHEAD ELECTRIC LINE CONSTRUCTION, GENERAL ORDER 95) AND THE AMERICAN SOCIETY FOR TESTING MATERIALS.

1. MOUNTING HEIGHT OF LUMINAIRES:
  - A. 30' MIN. FOR GREATER THAN 100 WATT.
  - B. 23' MIN. FOR 100 WATT AND LESS.
2. FOR RESIDENTIAL, STREET LIGHTS SHALL BE INSTALLED AT ALL INTERSECTIONS AND AT A MINIMUM OF ONE LIGHT FOR EACH 220 LINEAR FEET OF ROADWAY, PLUS OR MINUS 20 FEET, EXCEPT FOR PROPER LAP WITH INTERSECTIONS.
3. ELECTROLIERS SHALL BE PLACED AT LOT LINES WHEREVER PRACTICAL, OR DIMENSIONED THERETO.
4. AT INTERSECTIONS, ELECTROLIERS SHALL BE PLACED NEAR THE SIDEWALK LANDING AT A FAR RIGHT APPROACH.

5. <u>LUMINAIRE:</u>	<u>MIN. LAMP SIZE (INDUCTION):</u>	<u>NO. OF LIGHTS:</u>
a. RESIDENTIAL STREETS	70 WATT	*
b. INTERSECTION OF 2 RESIDENTIAL STREETS	70 WATT 150 WATT	1
c. SPECIAL CONDITION - COLLECTOR		*
d. T-INTERSECTION OF RESIDENTIAL STREET WITH ARTERIAL HIGHWAY	150 WATT (ARTERIAL 84' OR LESS) 200 WATT (ARTERIAL 84' OR GREATER)	1
e. FULL INTERSECTION OF RESIDENTIAL STREET WITH ARTERIAL HIGHWAY	150 WATT (ARTERIAL 84' OR LESS) 200 WATT (ARTERIAL 84' OR GREATER)	2
f. INTERSECTION OF 2 ARTERIAL HIGHWAYS	150 WATT (ARTERIAL 84' OR LESS) 200 WATT (ARTERIAL 84' OR GREATER)	4
g. TRAFFIC SIGNAL LIGHTING, CURB TO CURB	150 WATT MIN. (STREETS 64' OR LESS) 200 WATT MIN. (STREETS 64' OR GREATER)	-
h. OTHER STREETS (40' TO 84')	150 WATT	**

6. LUMINAIRES SHALL BE MOUNTED ON THE MARBELITE ELECTROLIERS.

\* INTERSECTION LIGHTING SHALL MEET CALTRANS MINIMUM FOOT-CANDLES REQUIREMENTS.

\*\* FOR INDUSTRIAL, STREET LIGHTS SHALL BE INSTALLED AT ALL INTERSECTIONS AND A MIMIMUM OF ONE LIGHT FOR EACH 200 LINEAR FEET OF ROADWAY, PLUS OR MINUS 20 FEET, EXCEPT FOR PROPER LAP AT INTERSECTIONS.



**CITY OF BREA**

## GENERAL NOTES - STREET LIGHTING

APPROVED:

*[Signature]*  
CITY ENGINEER

DATE: 10-15-2013

STD. PLAN NUMBER

**501-0**

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