

# UPDATED STREET LIGHT PROGRAM AND POLICIES UPDATE AND DESIGN GUIDE

#### **Public Utilities Department**

Board of Public Utilities December 10, 2018

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## LEGISLATIVE HISTORY

- 1. Riverside Municipal Code Chapter 19.556 Lighting is in the process of being revised to include:
  - a. Re-organization and update to bring the existing Code into compliance with State laws and technological advancements;
  - b. New or modified definitions related to lighting;
  - c. Creation of lighting zones;
  - d. New design and development standards;
  - e. New procedures for reviewing lighting plans; and
  - f. Establishing prohibited types of lighting.



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#### **BACKGROUND**

- City Council adopted Illuminating Engineering Society (IES) as the design guide for street lighting systems at their meeting on January 26, 1982
- 2. City Council adopted Resolution No. 17953 that reaffirmed this determination and adopted the Street Lighting Functions Report and Policy Recommendations in Board Policy No. 92-1 on March 17, 1992
- 3. City Council approved the Citywide LED Conversion Program on September 6, 2016

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#### **DISCUSSION**

- 1. The Street Light Design Guide has been expanded to:
  - 1) Update design standard references and criteria
  - 2) Include typical designs for each roadway type in the 2025 General Plan
  - 3) Include Riverside Municipal Code (RMC) 19.556 Lighting revisions to reduce light pollution
- 2. The Street Lighting Functions Report and Policy Recommendations have been updated and revised to address new issues not included in the 1992 policy.



### STREET LIGHT DESIGN GUIDE

- Incorporates latest version of IES standards
- Provides typical roadway and intersection lighting designs
- 3. Complies with RMC 19.556 Lighting





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### STREET LIGHTING FUNCTIONS REPORT AND POLICY

- 1. Comprehensive update of the 1992 Policy
- 2. Recommends City Council approve several policy revisions and new policies

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## **RECOMMENDATIONS**

That the Riverside Public Utilities Board:

- 1. Approve the updated Street Light Program and Policies Update and Design Guide; and
- 2. Recommend City Council adopt the updated Street Light Program and Policies Update and Design Guide.

