

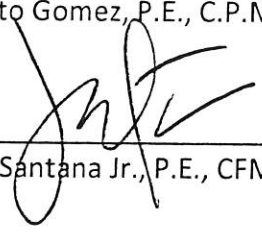
DEPARTMENT OF PUBLIC WORKS

BULLETIN NO. 36

Subject: STREET LIGHTING REQUIREMENTS

Issue Date: July 1st, 2017

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APPROVED: 

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The purpose of this bulletin is to identify the street lighting requirements to comply with City Code Section 54-56.

• TEMPORARY LIGHTING - PHASE PERMITS AND OTHER PERMITS

All Permit applicants who had been issued a "Phase Permit" by the Building Department or who apply for a Building Department Permit shall include temporary street lighting during construction to provide adequate illumination for the vehicular and pedestrian traffic (ie. street lanes, parking and sidewalks). The temporary street lighting shall be installed along the whole length of the construction zone to illuminate the width between the construction right of way closure (ie. fence, barrier walls, etc.) and the opposite back of sidewalk and/or opposite building base line. Construction lighting glare shall be kept away from vehicles, pedestrians and abutting properties.

The applicant shall provide the following documentation to the Public Works Department for review and approval:

1. Proposed Site Plan and a Traffic Control Plan (if applicable) showing the proposed construction limits and phasing.
2. Temporary Lighting photometric calculations signed and sealed by a Professional Engineer. Results to be shown in plan view, along the construction limits and between the construction right of way closure (ie. fence, barrier walls, etc) and the opposite back of sidewalk and/or opposite building base line. The plan view shall be prepared in an engineering scale (preferably 1:20 or 1:40) showing street names/numbers, north arrow and scale, temporary poles location (including setback), and existing poles to be removed and/or relocated if applicable. Show Average illuminance, Maximum/Minimum Ratio and Average/Minimum ratio for the streets and sidewalks.
3. Poles and luminaires type and specifications to be used for the temporary lighting.

- PERMANENT STREET LIGHTING - MASTER PERMITS AND OTHER PERMITS

All Permit applicants who apply for a Building Department permit shall include permanent street lighting in their project to provide adequate illumination for the vehicular and pedestrian traffic (ie. street lanes, parking and sidewalks) across and within their property limits.

The applicant shall provide the following documentation to the Building Department to be reviewed by the Public works Department:

1. Site Plan showing the proposed construction
2. Permanent Lighting photometric calculations signed and sealed by a Professional Engineer. Results to be shown in plan view, within the property limits and from back of sidewalk to back of sidewalk and/or opposite building base lines. The plan view shall be prepared in an engineering scale (preferably 1:20 or 1:40) showing street names/numbers, north arrow and scale, permanent poles location (including setback), and existing poles to be removed and/or relocated if applicable. Show Average illuminance, Maximum/Minimum Ratio and Average/Minimum Ratio for the streets and sidewalks.
3. Electrical Service Points location (If proposed lights are not part of the FPL Street Light Program).
4. Poles and luminaires types and specifications to be used for the permanent lighting.
5. Poles, arms and foundation Wind Load Calculations signed and sealed by a Professional Engineer. Use the latest edition of the AASHTO's "Standard Specifications for Structural Supports for Highway Signs, Luminaries and Traffic Signals".

The Temporary and Permanent Lighting photometric calculations (as requested in 2- above) shall comply with the latest edition of the FDOT's "Manual of Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways" (also referred to as "The Green Book"), Chapter 6, Roadway Lighting.