



CITY OF HOUSTON

Department of Public Works & Engineering

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Guidelines for Street Lighting Installations and Relocations

This recommended practice is applicable to all capital improvement projects, including but not limited to street, bridge, water, wastewater, and storm sewer projects. Design Consultant will be responsible for designing the street lighting layout associated with each project by following the guidelines listed below.

1. It is the City's practice to upgrade the street lighting along all roadways to current recommended levels as part of capital improvement projects.
2. Areas without wood power distribution poles are considered candidates for metal pole streetlights. The design consultant will prepare the lighting layout, spacing the streetlights at a distance of approximately 200' +/- 10% for driveway/utility conflicts. Typically, a streetlight placed 3-4 ft. behind back of curb will illuminate two lanes. Roadway sections that are four or more lanes should be illuminated from both sides. For sections less than four lanes, stagger the streetlights along both sides of the roadway, maintaining the 200' +/- 10% spacing. The design should also include any existing street lighting. Proposed and existing street lights should be called out by station numbers. Generally, begin layouts at intersections and work away.
3. The design must identify which of the existing streetlights will require relocating or temporary removal during the construction phase. Plans are to be submitted to the Traffic Engineering Branch for review/approval. **Upon our approval, we will submit the approved layout to CenterPoint Energy for a conduit/pullbox layout and cost estimate for the temporary removal/re-installation of the existing streetlights.** These costs will then be forwarded to the Project Manager and are to be included as a line item in the bidding documents for cash allowance to the contractor.
4. When overhead distribution and wood pole street lighting exist in an area, the design should utilize existing wooden utility poles for any additional streetlights while maintaining the 200' +/- 10% spacing. Mixing of wood and metal pole streetlights along local streets in neighborhoods is not allowed.
5. Along thoroughfares and collectors with four or more lanes, wood poles may exist along only one side of the roadway. In these instances, it is acceptable to have wood pole streetlights along one side while having metal pole streetlights along the other.
6. Upon completion of the project it is the contractors responsibility to notify the Traffic Engineering Branch in writing that the conduit has been installed & inspected and meets CenterPoints specifications before the authorization for new/re-installed metal pole streetlights can proceed.

Typical Street Light Location

Note:

- Installation in median is discouraged
- Spacing varied $\pm 10\%$ due to trees, driveways, etc.

