

Street Lighting Plan

June 2016

You are responsible for verifying and accurately depicting all locations and dimensions of property lines; setback distances; and the location and width of streets, rights of way, and easements. The city may require additional information as needed. For preparation information, see *Standards for Plans and Drawings*. If you have any questions concerning your application submittal, please visit or call Development Services (425-452-6800) between 8 a.m. and 4 p.m. on weekdays (Wednesday, 10 to 4). Assistance for the hearing impaired: Dial 711 (Telecommunications Relay Service).

A complete Street Lighting Plan may be required for all projects with public street frontage requiring new street lights or at the discretion of the Transportation Department. The purpose of the complete Street Lighting Plan is to provide required details for construction of the street lighting system, and the complete Street Lighting Plan will be part of the approved engineering plan. Refer to the Transportation Department Design Manual and Street Lighting Design Guide (Appendix A).

Where the city owns or will own the street lighting system (generally on arterial streets or downtown), the Street Lighting Plan must be submitted by a Washington State-registered civil or electrical engineer experienced in street lighting design, at the developer's request and expense.

1. Show new and existing luminaires, their stations, installation details, contactor cabinet or the connections to an existing contactor cabinet, conduit, wire, and any adjacent existing luminaires as necessary to complete the electrical system. Show in half tone all relevant proposed and existing features, including but not limited to above and below ground utilities, building awnings/overhangs, street trees, crosswalks, and driveways.
2. Include detailed voltage drop calculations along with illumination calculations and luminary photometrics. Voltage drop calculations should include all lights on affected circuits.
3. All work must conform to the City of Bellevue's standard plans and specifications.
4. Provide AGi32 digital file with CAD base as background.

Where Puget Sound Energy (PSE) owns or will own the street light system (generally on local streets), A PSE construction drawing (for their own crew's installation) must be submitted to the city by PSE at the developer's request and expense. This plan must clearly state pole locations, pole type and height, luminaire arm type and length, luminaire type, and wattage. PSE must apply for all required permits prior to beginning work and will install the equipment.