



# City of Poulsbo

PUBLIC WORKS DEPARTMENT  
ENGINEERING DIVISION

## interoffice MEMORANDUM

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to: Concerned Parties and Engineering Staff  
from: Andrzej Kasiniak, P.E., City Engineer *AK*  
subject: City of Poulsbo Street Lighting Standards  
date: July 17, 2014

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**City Construction Standards for street lighting need additional clarification to be applied in City and Developer project designs.**

### City of Poulsbo Construction Standards 2008

#### "M. Street Lighting

Street lighting shall comply with the Illuminating Engineering Society (IES) standards for the street classification for which it is designed."

The above is the only written direction that exists as a basis for lighting design on city streets. The City Engineering library contains the 2005 version of RP-8-00 "Roadway Lighting" (the basis of IES standards). Designers typically require more guidance specific to Poulsbo to determine acceptable light levels.

The typical starting point for Poulsbo roads will be based on RP-8-00 Table 2: Illuminance Method summarized below. Intersection lighting will be subject to 50% increase factor. Overall design considerations will be based on the full guidance contained in RP-8-00 and is typically determined by INTOLIGHT.

Recommended foot candle levels;

Road Type	Pedestrian Conflict	Pavement Class R1	Pavement Class R4
Major	Medium	0.9	1.1
Collector	Medium	0.6	0.8
Local	Medium	0.5	0.6

Interpretation of Road types for Poulsbo would be Local equal to Residential Access and Collector equal to Residential and Neighborhood Collectors and Major equal to streets like South Viking, 7<sup>th</sup> and 10<sup>th</sup> Avenues