

# 2019 Street Light Capital Funding Management Proposal:

## Purpose of Street Lights:

Street lights are intended to:

- Illuminate roadway features such as edge of pavement, intersections, sharp curves, dead ends
- Light obstructions such as median strips and bridge piers
- Provide pedestrian safety at street crossings
- Provide enough light on the street to enhance the safety of motorists and pedestrians, but to avoid over lighting an area

## Proposed street light installation guidelines:

Requests for street light installations shall be submitted to the Department of Public Works and considered on a case-by-case basis to be evaluated against the following factors:

1. A specifically articulated concern over pedestrian or motorist safety as further illustrated by documented incidents, such as police calls, night-time accidents; etc.
2. Distances between existing street lights measured over the length of the block being considered (greater distances between existing street lights merits greater consideration).
3. Reflective nature of the pavement, i.e. less reflective bituminous pavements merit greater consideration than concrete surfaces.
4. Actual measurement of ambient light determined with a light meter at least two hours after sunset, as compared to the following American Association of State Highway Transportation Officials (AASHTO) suggested luminance values for roadways.

<b>Street Classification</b>	<b>Minimum Average Illumination</b>	<b>Maximum to Minimum Illumination Ratio</b>
Arterial	1.3 foot-candles	6:1
Commercial Collector	0.9 foot-candles	5:1
Residential Collector	0.6 foot-candles	8:1
Residential Local	0.4 foot-candles	10:1
Residential Alley	0.3 foot-candles	10:1

If the Department of Public Works determines the installation of additional street lighting is warranted, it will make appropriate recommendations to the Public Works and Services Committee for funding.