

Municipality of the District of Lunenburg POLICY

Title: Intersection Street Light Policy	
Policy No. MDL-31	
Effective Date: August 8, 2006	Amended Date:

This policy is to provide a protocol for the handling of public requests for the installation of street light illumination at road intersections within the Municipality of the District of Lunenburg (the Municipality). For the purpose of this policy, only road intersections that include at least one cross road that is a publicly-owned and maintained road will be considered for illumination. This policy will also be followed for internally-generated road intersection illumination requests.

1. Requests for illumination of a road intersection within the Municipality will be forwarded to the Municipal Engineer for his review and action. The Municipal Engineer will acknowledge receipt of the request to the requestor.
2. For the purposes of this Policy, an intersection is defined as "the area where two or more roads join or cross at-grade, including the roadway and roadside facilities for vehicular traffic and pedestrian movements... an entrance or an exit from a roadside property (i.e. driveway) is considered an access and not an intersection"¹.
3. The Municipal Engineer is the Director of Engineering and Public Works for the Municipality, or his designate.
4. Where at least one of the intersection cross roads is a road owned and maintained by the Nova Scotia Department of Transportation and Public Works (NSDOT), the Municipal Engineer will forward the request to the NSDOT for its review and action. This request will be forwarded to NSDOT within 30 days of receipt of the request being received by the Municipal Engineer.
5. Where a request forwarded to NSDOT in Section 4, is either denied or a response is not received within 90 days of the date of the request being forwarded, the Municipal Engineer will prepare an intersection illumination warrant analysis using the Transportation Association of Canada "Warrant for Intersection Lighting" form². (attached)
6. The Municipal Engineer will prepare an intersection illumination warrant analysis using the Transportation Association of Canada "Warrant for Intersection Lighting" form for roads which are solely within the jurisdiction of the Municipality.

¹ Subsection 2.3.1.2 in the *Geometric Design Guide for Canadian Roads* Transportation Association of Canada, Ottawa ON, September 1999

² The Warrant for Intersection Lighting form is Appendix B-5 in the *Guide for the Design of Roadway Lighting, Volume 2 – Design* Transportation Association of Canada, Ottawa ON, January 2006

7. The warrant analysis will be conducted according to techniques described in the *Guide for the Design of Roadway Lighting, Volumes 1 and 2* as published by the Transportation Association of Canada, January 2006 version. In determining the number of collisions at the subject intersection, both police-reported collisions, and unofficial collision reports from confirmed witnesses will be considered in the warrant analysis.
8. The Municipal Engineer will recommend installation of illumination at the requested intersection in accordance with the warrant analysis. Where the warrant analysis indicates that illumination is not required, the Municipal Engineer will deny the request. The result of the warrant analysis will be conveyed to the requestor by the Municipal Engineer.
9. Where intersection illumination is recommended,
 1. and the roadways are within the Municipality's jurisdiction, the Municipal Engineer will prepare the design for the luminaires, and obtain pricing for the installation using the standard purchasing methods of the Municipality. Design of the installation will be in accordance with the *Guide for the Design of Roadway Lighting* and related technical references and specifications. Where possible, energy efficient luminaires will be specified in the installation design;
 2. and the roadways are within the NSDOT's jurisdiction, the Municipal Engineer will request the NSDOT to design and install lighting works in accordance with the warrant, and to NSDOT standards, with the cost of the installation to the Municipality's account, subject to approval of the pricing of the works by the Municipality.
10. A work order for the installation of the luminaires and related works will be issued upon budget approval for the works, and receipt of all easements and jurisdictional permits including electrical work permits and NSDOT breaking of soil permits, as required.
11. The cost of the installation and the on-going cost of maintaining the installed works will be borne by the general tax rate of the Municipality. Maintenance of the installed works will be in accordance with relevant best management practices.

Clerk's Annotation for Official Policy Book

Date of Notice to Council Members
Of Intent to Consider (7 days minimum)

July 7, 2006

Date of Passage of Current Policy:

August 8, 2006

I certify that this "*Intersection Street Light Policy*" was adopted by Council as indicated above.

Municipal Clerk

Date