PW2.12

Councillor
Mary-Margaret McMahon

Ward 32 Beaches / East York councillormcmahon.com

February 11, 2015

Councillor Jaye Robinson
Chair, Public Works and Infrastructure Committee

Dear Chair Robinson,

Re: Modernizing Toronto's Streetlights

It has been 22 years since the City of Toronto updated its streetlights, in that time technological advances have created lights that last longer, provide enhanced illumination, and are more energy efficient. Our streetlights currently use costly and inefficient metal halide and high-pressure sodium light bulbs to illuminate our streets and sidewalks. Conversion to L.E.D. and other energy-efficient lighting technology has been proven to save money and reduce energy consumption in cities such as Los Angeles, Philadelphia, and Mississauga.

The Service Level Agreement between Toronto Hydro and the City of Toronto will be re-negotiated in 2016 which provides an opportunity to modernize our wasteful and costly streetlight infrastructure. Therefore, I am requesting that Transportation Services and Toronto Hydro study the issue and develop a plan to covert our streetlights to a more financially and environmentally sustainable technology in time for the 2016 budget cycle.

Recommendation:
City Council direct the General Manager of Transportation Services to engage with Toronto Hydro to develop a plan to convert of Toronto's streetlights to more energy efficient technologies and report to the Public works and Environment committee by Q2 2015.
The report will include:

- *Business cases and strategies to fund conversion of Toronto's existing streetlights including incentives and grants from other levels of government.*
- *Survey of new street lighting technologies*
- *Potential energy savings from conversion*
- *Capital and operational costs of conversion*
- *Potential roll out strategies & timing for conversion of Toronto's existing streetlights*

Thank you,

Mary-Margaret McMahon
Councillor, Ward 32
Beaches-East York