



CITY COUNCIL REFERRAL OF MEMBER MOTION

Request for Report on Health Effects Related to Street Light Technologies

Date:	July 25, 2016
To:	Public Works and Infrastructure Committee
From:	City Council
Wards:	All Wards

City Council Decision

City Council on July 12, 13, 14 and 15, 2016, referred Motion MM20.19 to the Public Works and Infrastructure Committee.

Recommendations

Councillor Stephen Holyday, seconded by Councillor Mary-Margaret McMahon, recommends that:

1. City Council request the General Manager, Transportation Services to report to the Public Works and Infrastructure Committee, in consultation with Toronto Hydro, Toronto Public Health, and the Environment and Energy Division on possible benefits and risks to the public associated with the prevalent use of LED or other similar street lighting technologies in the Toronto street lighting system, such report shall include, but not be limited to:

- a. consideration of the human health effects related to light colour temperature and intensity;
- b. down lighting directional capabilities and light pollution effects;
- c. contrast and traffic safety risks or benefits;
- d. crime prevention factors; and
- e. aesthetics.

Summary

City Council on March 31, April 1 and 2, 2015, adopted Item PW12.2 and in doing so directed the General Manager, Transportation Services to engage with Toronto Hydro to develop a plan to convert Toronto's streetlights to more energy

efficient technologies and report to the Public Works and Infrastructure Committee.

Recent media reports have outlined concerns over the quality of light provided by LED street lights, including human health effects related to "blue" streetlights.

This Motion requests the General Manager, Transportation Services to report to the Public Works and Infrastructure Committee, in consultation with Toronto Hydro, Toronto Public Health, and the Environment and Energy Division on possible benefits and risks to the public should the City Toronto Hydro install LED or other similar lighting technologies in its street lighting system, including the use of "blue" lights. The report shall include, but not be limited to consideration of the human health effects related to light colour temperature and intensity, down lighting and light pollution, contrasts, traffic safety and crime prevention factors.