

## City Council

### Notice of Motion

MM51.35	ACTION			Ward:All
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**Longer Lasting Roads for Toronto: Improving Asphalt Testing Procedures and Standards - by Councillor Anthony Perruzza, seconded by Councillor Mike Layton**

*\* Notice of this Motion has been given.*

*\* This Motion is subject to referral to the Public Works and Infrastructure Committee. A two-thirds vote is required to waive referral.*

### Recommendations

Councillor Anthony Perruzza, seconded by Councillor Mike Layton, recommends that:

1. Council direct the General Manager, Transportation Services, and the Executive Director, Engineering and Construction Services, to undertake a review of the City's current testing procedures to ensure asphalt laid in the City of Toronto meets strength and longevity requirements, taking into consideration recent research, the effects of the 2013-2014 winter season, and Ontario Provincial Standards for Roads and Public Works.

### Summary

Winter 2014 saw a tripling of pot hole repair service requests, double the number of repaired potholes and a 50 percent increase in repair expenditures as compared to the same time period of the previous year. Pothole repairs from January 1 to April 23, 2014 has cost the City of Toronto \$2.7 million.

The degradation of asphalt and formation of potholes can be attributed to a number of reasons, including weather. Recent research has stated the importance of asphalt composition in maintaining asphalt longevity. This research states that certain additives, such as used motor oil, can make the asphalt brittle and prone to cracking. The City of Kingston introduced new asphalt-testing measures in 2009 to reduce the occurrence of premature road damage.

(Submitted to City Council on May 6 and 7, 2014 as MM51.35)

### Background Information (City Council)

Member Motion MM51.35

<http://www.toronto.ca/legdocs/mmis/2014/mm/bgrd/backgroundfile-68975.pdf>