



Councillor

Mary-Margaret McMahon

PW15.9

Ward 32 Beaches / East York

councillormcmahon.com

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To: The Chair and Members of the Public Works and Infrastructure Committee

Re: Expanding Electric Vehicle Charging Stations in Toronto

The expansion of electric vehicle usage in Toronto has been hampered by a lack of convenient charging stations. To date, there are no on-street charging stations in our city and collaborations with third parties, such as car sharing companies, have not been fully explored.

In 2012, City Council supported an on-street electric vehicle pilot project. Unfortunately, the pilot did not take place and the report associated with this item was not submitted to City Council. Without this report many important questions regarding the City of Toronto's policies on EV charging infrastructure have remained unanswered.

I am requesting that we resume the conversation in the City of Toronto regarding support for electric vehicle infrastructure. I recommend that the interdivisional 'Electric Vehicle Working Group' be reconstituted and that staff resume their work on developing policies and programs designed to expand EV charging stations.

Recommendation:

1. City Council direct the General Manager of Transportation Services and Director of the Energy and Environment Office to revive the Electric Vehicle Working Group.
2. City Council direct the General Manager of Transportation Services to report to the Public Works and Infrastructure Committee in Q2 of 2017 regarding opportunities to expand the number of electric vehicle charging stations in Toronto. This report will include:
 - a. An update on the 2012 On-Street Electric Vehicle Charging Stations - Pilot Project;
 - b. Best practices used in other cities to expand electric vehicle charging stations;
 - c. Opportunities to support the Toronto Parking Authority's expansion of electric vehicle charging stations;
 - d. A strategy to install electric vehicle charging stations in the City's right-of-ways, specifically in areas without driveways or garages.

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