

**City Council****Notice of Motion**

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| MM21.21 | ACTION |  |  | Ward:All |
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**Smart Roads Technology - by Councillor Michelle Holland, seconded by Councillor Michael Thompson**

*\* 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 Michelle Holland, seconded by Councillor Michael Thompson, recommends that:

1. City Council direct the General Manager, Transportation Services to collaborate with the City of Edmonton, the University of Alberta and the University of British Columbia with respect to reviewing the Smart Roads technological platform for possible application within the City of Toronto and direct the General Manager, Transportation Service to report to the Public Works and Infrastructure Committee by the fourth quarter of 2017.

**Summary**

Across the world, municipalities are reviewing limitless applications with respect to the delivery of services and the management of programs. One area that is consistently at the forefront relates to traffic management issues. The City of Edmonton is road-testing wireless connected vehicle technology. This is associated with the Active-Aurora project that seeks to develop wireless connected vehicle technology that was initiated in 2014. This initiative is a collaborative effort between the City of Edmonton, the University of Alberta and the University of British Columbia. The technology would alert motorists to pedestrian movements, speeding in an unsafe manner towards curves in roadways, vehicles travelling in too close a proximity to each other, areas where there is a significant history of collisions, recommendations with respect to driving speeds on a specific roadway and even whether or not a driver will safely clear a traffic signal at an advancing intersection. In short it is a technology designed to dramatically increase road safety.

**Background Information (City Council)**

Member Motion MM21.21