

# City of Minneapolis

## Request for Committee Action

**To:** Transportation & Public Works  
**Date:** 5/3/2016  
**Referral:** N/A  
**From:** Public Works Department  
**Prepared by:** Douglas Gregerson, Senior Management Analyst, Public Works  
**Presented by:** Brette Hjelle, Director, Business Administration  
**File Type:** Action  
**Subcategory:** City Policies

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**Subject:**

Establishment of an Automatic Vehicle Management (AVM) Policy

**Description:**

Adopting a policy for the management of the City's fleet of vehicles using an Automatic Vehicle Management system which uses Global Positioning devices and software to collect key vehicle diagnostic and location information.

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**Background/Analysis:**

The Public Works Fleet Services division has a growing need to more closely monitor the diagnostics (oil pressure, brake function, emissions equipment, etc.) and overall utilization (hours, days, and miles) of City vehicles. A byproduct of this technology is the ability to track the vehicle and know the location, speed, and route taken as well numerous other statistics.

For the past eighteen months, the Public Works Department has conducted an AVM pilot project with 10 vehicles from several different departments in order to test the equipment and analyze the information that it provides. During that pilot, the AVM technology alerted the mechanics of critical brake issues with a heavy truck so that it could be pulled into the shop for repairs. Based upon information from other cities that have implemented this technology, we expect to experience a reduction of accidents, fuel savings, less idling, and the ability to focus driver training opportunities.

This policy establishes the intent of the Public Works Fleet Services division to install this capability into all appropriate City fleet vehicles, owned or leased. The City's goals and objectives for AVM system data collection includes educating and informing employees about idling, speeding, out of service area travel, odd hours/days travel and how to become safer and more fuel-efficient drivers.

**Financial Review:**

**No additional appropriation required, amount included in current budget.**

**Future budget impact anticipated.**

One-time Capital Asset Request (CARs) money is in the 2016 budget for the installation of this technology into General Funded vehicles. Enterprise Funds will endure the cost of installation for their vehicles. The monthly air-time and support charges will be passed on to departments within the monthly vehicle cost allocation model.

**Approved by the Policy Review Group.**

**Attachments:**

1. Automatic Vehicle Management policy.