



# Department of Public Works



## GPS Tracking and Management Overview

Date: February 27, 2020



Presented By: Torrence Robinson, Deputy Director, Senior  
Chad Phillips, DPW Asset Manager

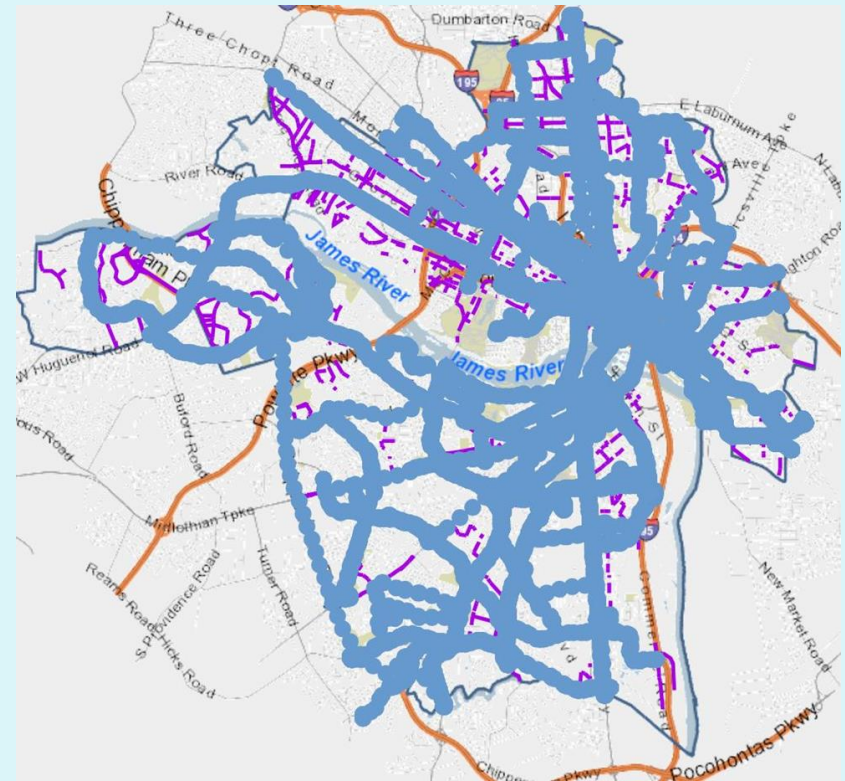
**The Department of Public Works has location monitoring unit (LMU/GPS) tracking devices installed on 74 pieces of equipment. The majority are those that are involved in the snow program-such as dump trucks, pick-up trucks, street sweepers and Solid Waste vehicles. Cal/Amp is the service provider.**



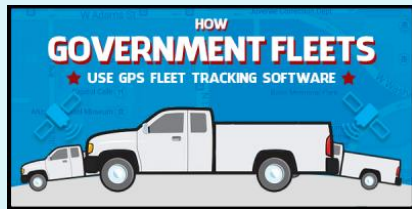
# How are we using the Technology?

The department is in its third year of a five year contract with Cal/Amp. During the first two years our focus has been primarily on the tracking and monitoring of vehicles used within the snow program. Current uses/features include:

- Geo Fencing
- Vehicle alerts
- Monitoring vehicle idle times
- Mileage reports



# Program Costs



- Unit cost - \$95 per unit (LMU-2630)
- Monthly hosting fee - \$18.95 per device (\$1,383.35)
- Installation cost \$55 per unit



# Program Successes

- Increased accountability
- Enhanced efficiency
- Real time monitoring
- Compliance with Traffic regulations



## GLOBAL POSITIONING SYSTEM (GPS)



# Next Steps

- 1. Increase the number of units installed from 74 – 300**
- 2. Customized messaging**
- 3. Add additional features such as Spreader controller, plow up/down sensors, real time data feeds for reporting tonnages**
- 4. RFI driver idea**
- 5. Increase efficiencies and accountability**
- 6. Possible enterprise solution that meets the needs of all city agencies**



# Questions



Department of Public Works