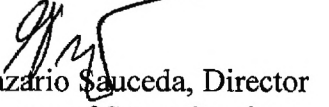


CITY OF LOS ANGELES
INTER-DEPARTMENTAL CORRESPONDENCE

DATE: June 16, 2016

TO: Transportation Committee
Attention: Office of the City Clerk
City Hall, Room 395

FROM:  Nazario Saucedo, Director
Bureau of Street Services

SUBJECT: INSTRUCTION FOR BUREAU OF STREET SERVICES TO REPORT ON PROJECT TO EQUIP MOTOR SWEEPERS WITH GPS LOCATION DEVICES

SUMMARY

This report is responsive to a Councilman Mike Bonin motion (CF 15-1449) regarding the Bureau of Street Services (BSS) new program to equip motor sweepers serving posted routes with GPS location devices.

The BSS was provided with funding in FY 15-16 to install GPS location devices and operational sensors in approximately 100 motor sweepers. The primary purpose of these devices is to enable the BSS to optimize efficiency and emergency response in the motor sweeping program. General Services Department awarded a contract to Orpak USA Inc. for this project in late 2015, and the installation process began in early 2016.

As of the end of May, 2016, GSD and Orpak have completed installation of the GPS location devices in 99 of the 100 motor sweepers that service posted routes. Of those 99 installations, approximately 2/3 have also received the operational sensors. BSS and GSD anticipate that installation of all GPS and operational sensor components will be completed by the end of FY 15-16 or shortly thereafter.

According to Orpak, once the GPS hardware is installed, it can take up to one month for calibration and commissioning until the real-time flow of location data is accurate. Thus BSS and GSD anticipate that real-time data on the location of the motor sweepers that service posted routes will be consistently available to BSS staff on a citywide basis by September, 2016.

During the summer, BSS will be working with Orpak to develop a workflow to create an accurate, turn-by-turn digital map of each posted motor sweeping route, using the location data from the GPS devices. BSS will report back with an anticipated schedule for the digital route mapping project shortly.

Any subsequent project to enable motorists to park in a no-parking zone once the motor sweeper has passed by would be led by Los Angeles Department of Transportation. The BSS has participated in several preliminary meetings with LADOT and the Mayor's Office on this topic, and has provided LADOT with contact information for technical staff at Orpak.

NS/GS