BRIAN L. CUMMINGS

June 7, 2013

BOARD OF FIRE COMMISSIONERS

FILE NO. 13-078

TO:

Board of Fire Commissioners

FROM:

Brian L. Cummings, Fire Chief

SUBJECT: STATUS OF AUTOMATIC VEHICLE LOCATION SYSTEM

FOR INFORMATION ONLY:	Approved	Approved w/Corrections	Withdrawn
	Denied	Received & Filed	Other

For Information Only

Progress update since last report of October 2012:

In Fiscal Year 2009-10, the Mayor allocated \$400,000 for the seed phase of an Automatic Vehicle Location (AVL) system. The seed phase was completed in October of 2012. When implemented, AVL will reduce response times by more accurately dispatching the closest resource to a call for service, provide more accurate response data by automating processes currently requiring manual updates. This will provide dispatchers and supervisors with better accuracy of current resource status.

Staff identified a total of \$5.9 million dollars required for software, hardware and training to implement AVL, replace 225 outdated mobile data computers, and replace our outdated mobile data radio network.

On April 19, 2013, the City Council approved a Motion from Councilmember Wesson, and seconded by Councilmember LaBonge to transfer \$3,000,000 from an unappropriated balance fund to a newly established Fire Department Trust Fund to implement these projects. Another \$2,000,000 was appropriated for the 2013-14 fiscal year budget and \$525,000 is being provided by the State 9-1-1 fund. The remaining \$375,000 required will be obtained as new vehicles are purchased and equipment is replaced. All of the equipment and services required are being purchased using contracts, through our established purchasing channels, and through the State 911 office.

During the week of June 3, 2013, the project team including LAFD and ITA staff and vendors met and began developing a detailed project plan. At this point, the AVL system is estimated to take 14 months to fully implement.

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Beginning June 17, 2013 basic software without a mapping/routing interface will be installed on approximately 300 vehicles equipped with GPS antennas & receivers to provide a basic AVL program to make these resources "visible" to MFC. The basic software installation in 300 vehicles will be completed prior to June 30, 2013. The full 14 months will be required to provide complete integration into the CAD and in-vehicle mapping & routing, along with aerial imagery and the full complement of AVL features.

Board report prepared by Kevin R. Nida, Battalion Chief, Homeland Security, Public Safety Office and Xenophon A. Gikas Jr., Captain, Metropolitan Fire Communications.