LOS ANGELES FIRE DEPARTMENT

JAMES G. FEATHERSTONE
INTERIM FIRE CHIEF

March 4, 2014

> BOARD OF FIRE COMMISSIONERS
> FILE NO. **14-025**

TO: Board of Fire Commissioners

FROM: James G. Featherstone, Interim Fire Chief

SUBJECT: AUTOMATIC VEHICLE LOCATION – PROJECT UPDATE

FINAL ACTION:	_____ Approved	_____ Approved w/Corrections	_____ Withdrawn
	_____ Denied	_____ Received & Filed	_____ Other

SUMMARY
As directed by the Board of Fire Commissioners, the Department is providing an update for the Automated Vehicle Location (AVL) project that is currently under way at Metro Fire Communications (MFC). Provided for the Fire Commission is a project map that outlines and the status of all six phases of the project. As an adjunct, a brief summary is also provided that explains what each level of completion indicates relative to the overall project.

RECOMMENDATION
That the Board:
Receive and file.

FISCAL IMPACT
The total budget for the AVL project is $2,348,283. The budget covers computer hardware and software, training, installations and integration services. Expenditures to date total $919,088 leaving a balance of $1,429,195.

CONCLUSION
As previously stated, the Department is working closely with the AVL vendor to meet all required deadlines. It is anticipated that the project will be completed by the March 2015 deadline.

Board Report prepared by Assistant Chief Trevor Richmond and Captain Xenophon A. Gikas Jr., Metro Fire Communications.

Attachments
 AVL Project Map
 AVL Project Map Update

AUTOMATIC VEHICLE LOCATION (AVL) PROJECT MAP

PROJECT I – EMERGENCY VEHICLE GPS LOCATION REPORTING - INSTALLATION

499 GPS units installed. 94 units remain to be installed. GPS control software complete. Control group installed in Battalion 1. Vehicles are presently reporting their locations automatically to the dispatch center over the LAFD data radio network.

PROJECT II – DISPATCH FLOOR MAP REPLACEMENT

The workflow assessment is complete. The application design is complete. The fail over design is complete. Network architecture is complete. 75% of software development is complete. The servers have been delivered and installed. Operating system is being loaded on to the servers and awaiting software download from Adashi.

PROJECT III – MOBILE FIELD MAPPING

90% of the design is complete. 75% of the development is complete. We have a working prototype in the test environment. Successfully send dispatches to the mobile map.

PROJECT IV – INCIDENT LOCATION QUICK FIND

Project to begin March 2014. However, combined some work effort under Project II including workflow assessment and design.

PROJECT V– GIS BASED ADDRESS VALIDATION

Project to begin July 2014

PROJECT VI – AVL BASED EMERGENCY VEHICLE DISPATCHING

Project to begin July 2014

AUTOMATIC VEHICLE LOCATION (AVL) PROJECT MAP

PROJECT I – EMERGENCY VEHICLE GPS LOCATION REPORTING - INSTALLATION | Goal - February 28, 2014 | 100 %

84 % COMPLETE

PROJECT II – DISPATCH FLOOR MAP REPLACEMENT | Goal – March 31, 2014 | 100 %

60 % COMPLETE

PROJECT III – MOBILE FIELD MAPPING | Goal – June 27, 2014 | 100 %

10 % COMPLETE

PROJECT IV – INCIDENT LOCATION QUICK FIND | Goal – July 31, 2014 | 100 %

10 % COMPLETE

PROJECT V– GIS BASED ADDRESS VALIDATION | Goal – July 1, 2014 to March 31, 2015 | 100 %
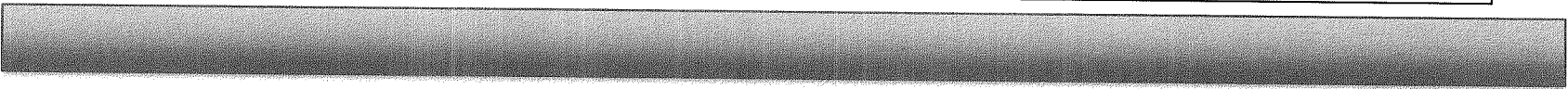
PROJECT VI – AVL BASED EMERGENCY VEHICLE DISPATCHING | Goal – July 1, 2014 to March 31, 2015 | 100 %