# LOS ANGELES FIRE DEPARTMENT

### JAMES G. FEATHERSTONE
INTERIM FIRE CHIEF

April 7, 2014

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FINAL ACTION: _____ Approved       _____ Approved w/Corrections       _____ Withdrawn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 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

539 GPS units installed. 54 units remain to be installed. Remaining units are reserve apparatus. 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 fail over design is complete. Network architecture is complete. 95% of software development is complete. The servers have been delivered and installed. The CAD test environment is operational including new ADASHI server and new ESRI based GIS map server. ADASHI Calltaker software installed. Performance evaluation is ongoing. Expecting final Calltaker software delivery on April 16.

## 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 commenced in April. Workflow assessment is complete. Design work is complete. 40% of software development is complete. Significant foundational work accomplished as part of map replacement project.

## 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 %

91 % COMPLETE

## PROJECT II – DISPATCH FLOOR MAP REPLACEMENT

Goal – March 31, 2014          100 %

80 % COMPLETE

## PROJECT III – MOBILE FIELD MAPPING

Goal – June 27, 2014          100 %

10 % COMPLETE

## PROJECT IV – INCIDENT LOCATION QUICK FIND

Goal – July 31, 2014          100 %

18 % 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 %