LOS ANGELES FIRE DEPARTMENT

JAMES G. FEATHERSTONE
INTERIM FIRE CHIEF

February 6, 2014

| BOARD OF FIRE COMMISSIONERS |
| FILE NO. **14-017** |

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FINAL ACTION: _____ Approved _____ Approved w/Corrections _____ Withdrawn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. Presently, the AVL project is meeting the agreed deadlines and there are no indications of delays at this time.

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 $905,725 leaving a balance of $1,442,558.

CONCLUSION

As previously stated, the Department is working closely with the AVL vendor and is meeting 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

434 GPS units installed. 160 units remain to be installed. GPS control software complete. Control group installed in Battalion 1. Vehicles successfully reporting there locations automatically to dispatch center over LAFD data radio network.

PROJECT II – DISPATCH FLOOR MAP REPLACEMENT

Workflow assessment complete. Application design is complete. Fail over design is complete. Network architecture is complete. 75% of software development is complete. Server hardware specifications complete and ordered.

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 %

72 % COMPLETE

PROJECT II – DISPATCH FLOOR MAP REPLACEMENT

Goal – March 31, 2014   100 %

50 % 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 %