

East Bay Paratransit Mobile Data Terminal/ Automatic Vehicle Locator Project

North/Central/South Counties



PROJECT BENEFITS:

The new MDT/AVL will reduce wait time for passengers and quicken the boarding process, thereby increasing available trips. The technology can also notify individuals during natural disasters, and bridge closures or other emergencies, so they can plan accordingly.

PROJECT UPDATE:

AC Transit is in the process of purchasing and installing up to 120 Mobile Data Terminals with Automatic Vehicle Locators in vehicles, and plans to train drivers and dispatch staff service providers by October 2010.

To find out more about the program, please contact the Project Sponsor.

PROJECT SPONSOR:

Kate Miller
 Manager of Capital Development, Legislation and Grants
 Alameda-Contra Costa Transit District
 1600 Franklin Street
 Oakland, CA 94612
 Tel: (510) 891-4859
 Fax: (510) 891-7139
 kmiller@actransit.org

This project is the second phase of the East Bay Paratransit (EBP) Consortium's Mobile Data Terminal (MDT)/Automatic Vehicle Locator (AVL) pilot project, which began in 2006 with the purchase and installation of units in 80 vehicles. This technology improves trip planning and delivery, increases coordination between dispatchers and drivers, and improves contact with passengers.

The ACTIA grant permits the purchase and installation of up to 120 MDT/AVLs for the balance of the paratransit fleet and facilitates operator and driver training on equipment usage. The MDT is a 100 percent real-time data-collection device that provides improved analysis of trip length, on-time performance and other valuable trip statistics. Additionally, the MDL/AVL units enable future installation of interactive Voice Response/Web-based scheduling systems software. This system will call riders five minutes before the vehicle's arrival. Benefits include less wait time for passengers and a faster boarding process, thereby increasing available trips.

Project Budget and Funding

TOTAL PROJECT COST	\$606,000
Funding	
ACTIA Paratransit Gap Grant Award	\$306,000
Matching Funds	\$300,000
Source:	
Local	\$300,000



Project Schedule

Commence ACTIA Grant (Cycle 4)	July 1, 2008
Begin Training Drivers and Dispatcher Staff Service Providers	May 2010
Install Hardware and Software in Remainder of Fleet (up to 120 additional vehicles)	September 2010
Receive 30-day Usage/Testing and Effectiveness Evaluation Report from Broker	December 2010
Receive 90-day Usage/Testing and Effectiveness Adjustment and Procedures Modification Report from Broker	March 2011
Complete 6-month Driver/Dispatcher Evaluation Survey of Equipment	April 2011
Complete Full Operation Satisfactory Performance Report	September 2011
Complete Grant Funding Period	December 31, 2011

Tess Lengyel
 ACTIA Programs and Public Affairs Manager
 tlengyel@actia2022.com
 (510) 267-6111

Alameda County Transportation Improvement Authority
 1333 Broadway, Suite 300, Oakland, CA 94612
 Phone: (510) 893-3347 • Fax: (510) 893-6489
 www.actia2022.com

