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Low-Floor Light Rail Vehicles

Background

Santa Clara Valley Transportation Authority (VTA) continues to embrace the Americans with Disabilities Act (ADA) by operating low-floor light rail vehicles (LFLRVs). LFLRVs have main floors that are level with the station platforms to allow for level boarding and exiting. LFLRVs also contain extra space for bicycle storage within the vehicles. New safety features include touch-screen computers to monitor train systems and video cameras in place of rearview mirrors to observe the train's exterior.

Stations on the Downtown Mountain View to Baypointe Light Rail Line, Baypointe to Alum Rock Light Rail Line and on the future Vasona Light Rail Extension accommodate level boarding onto and exiting LFLRVs.

In September 2003, stations north of Downtown San Jose on the Baypointe to Santa Teresa Line were retrofitted with higher platforms to allow level boarding and exiting.

Objective

To improve VTA Light Rail system service with 100 new low-floor light rail vehicles. LFLRVs eliminate the need for wheelchair lifts and facilitate easy entry and exit to vehicles for all passengers.

Vehicle Features

- Transports 171 passengers (66 seated, up to 105 standing) per car.
- Low floors to ease boarding and exiting
- 90 feet in length, 8 feet 1 inch in width, and 12 feet 6 inches in height
- 55 mile-per-hour top operating speed
- Electronically operated, sliding passenger doors
- Communications system for passenger announcements
- Four wheelchair parking areas per car
- Bicycle rack that holds up to four bicycles per car

Project Funding

The approved budget for vehicle procurement is \$296.4 million. 30 of the 100 vehicles are funded by the 1996 Measure B Transportation Improvement Program, and the remaining vehicles are funded by 2000 Measure A local sales tax, and local VTA funds.

How to Reach Us

For more information on low-floor light rail vehicles or other VTA projects, call VTA Community Outreach at (408) 321-7575, TDD for the hearing impaired (408) 321-2330, or visit us on the web at www.vta.org.

REV LFLRV 10/6/04-F



Measure B
Transportation Improvement Program
County of Santa Clara



SANTA CLARA
Valley Transportation Authority

VTA LIGHT RAIL

