



LOW-FLOOR ARTICULATED BUS

Background

In April 2003, Santa Clara Valley Transportation Authority (VTA) supplemented its bus fleet with 40 low-floor articulated buses. The 60-foot long articulated bus can carry nearly 100 passengers (seated and standing) due to an added segment that provides 20 more seats than a standard bus. The segment is attached to the main section by an “articulation joint,” an accordion-type connection that bends with bus movements. Articulated buses are currently operating on VTA Bus Line 22 and Rapid 522 to provide additional seating capacity for passengers.

Objective

To improve service along Bus Line 22, the route with the highest ridership in the VTA bus network, providing service to customers in San Jose, Santa Clara, Sunnyvale, Mountain View, Los Altos, Palo Alto, and Menlo Park.

Passenger Capacity

97 total passengers (57 seated, 40 standing)

Dimensions

60-feet long, 10-feet 2-inches high, 8-feet 6-inches wide

Other Bus Features

Low floors to ease boarding and exiting
Three doors (one entrance and two exits)
Five destination signs (one on front, one on rear, one street-side, two curbside)
44-inch entrance ramp compliant with the Americans with Disabilities Act
Two wheelchair securement positions
Exterior bicycle rack that can hold up to two bicycles
Surveillance cameras

Project Funding

\$24 million from Federal Transit Administration (FTA) grants and local funds.

How to Reach Us

For more information on articulated buses 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.