



Transportation

Client

Santa Clara Valley Transportation Authority

Location

San Jose, California

Santa Clara-Alum Rock Bus Rapid Transit

Project Highlights

- ◆ Preliminary engineering and design for 7.1-mile bus rapid transit corridor in Santa Clara County
- ◆ Improved mobility and transit services

CH2M HILL is providing preliminary engineering services for the 7.1-mile bus rapid transit (BRT) corridor. When implemented, this will be the first BRT corridor in Santa Clara County as well as the San Francisco Bay Area.

The BRT corridor is located in the City of San Jose and within a larger study area known as the Downtown East Valley Study Area. The corridor runs east-west along Santa Clara Street, beginning at the San Jose Diridon Station, continuing through Downtown San Jose and then along Alum Rock Avenue. The BRT corridor then continues on to the south along Capitol Avenue and Capitol Expressway to the Eastridge Transit Center. The corridor also includes four additional stations plus BRT elements at the existing 1st Street and 2nd Street bus stops.

For most of the corridor, the BRT vehicles will operate in a shared right-hand lane. Along the Alum Rock Avenue portion of the corridor, the BRT vehicles will operate in an exclusive median BRT lane.

A significant component of CH2M HILL's preliminary engineering services involves the development of a station architecture and design that provides a consistent branding throughout this corridor and future BRT corridors in Santa Clara County.

The goals of the project are to:

- ◆ Improve mobility by providing direct, convenient, time-competitive transit service with connections to existing and programmed elements of the rapid transit network.
- ◆ Increase transit ridership by serving high-density corridors demonstrating strong transit use.
- ◆ Provide improved transit service in high-commute corridors with an emphasis on work and school trips.
- ◆ Promote livable neighborhoods, redevelopment objectives, community support, and general transportation needs.

Meet the needs of transit-dependent residents.

About CH2M HILL

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