

# Tasman East / Capitol Ave Light Rail Transit Corridor

Santa Clara VTA



FTB's urban design enhancements along a 6.5 mile segment of the Santa Clara Valley Transportation Authority's Alum Rock-Santa Teresa Light Rail Line were incorporated into the project despite their introduction during a late stage of implementation.

## BEFORE

- The Tasman Drive /East Capitol Avenue corridor from Coyote Creek to East Capitol Expressway, included existing and widened corridor right-of-way, VTA bus transfer and park and ride lots, and LRT trackway and infrastructure sites (substations, screen walls, etc.)
- Preliminary engineering drawings for LRT tracks and facilities at 60% to 90% completion without inclusion of design enhancements

## ASSIGNMENTS

- Work with VTA staff, design and engineering consultants to strengthen user-friendliness and compatibility between the light rail line and surrounding neighborhoods
- Develop site-specific urban design treatments and recommendations for changes to the layout of streetscapes, overhead trackway, station areas, park and ride lots, and transit centers

## OUTCOMES

- FTB design concepts directly implemented at the Great Mall/Main Station including the organization of the pedestrian connectivity sequence between light rail and bus service and in the design of street furnishings, border walls, and fences for stronger "place" definition
- Prepared design concepts for City and VTA sites such as gateway entry features, custom kiosks, walls and fences
- Recommended measures including adjusting street alignments to restore curbside parking to frontages of apartment complexes



Completed Great Mall Bus Transfer Station (by others). FTB's design guidelines for bus island plan layout and pedestrian sequence, streetlight type recommendations, and border wall treatments were implemented in the design

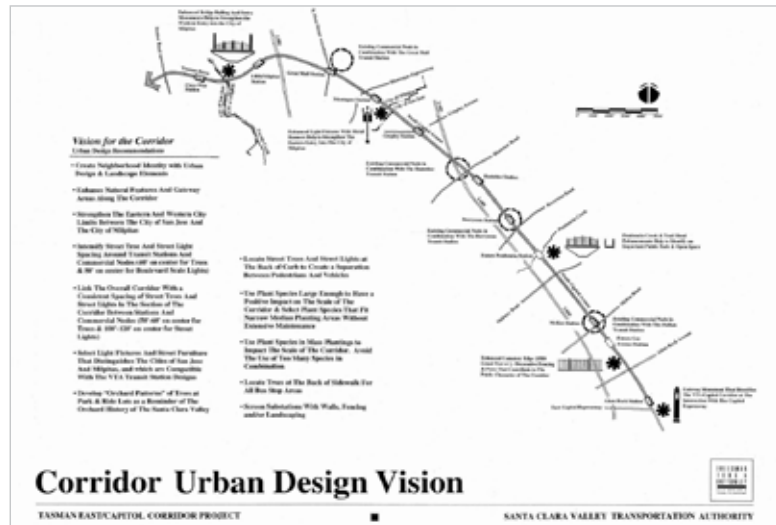


Diagram by FTB showing recommended urban design enhancements at corridor sites



Rendering of recommended urban design concept for Berryessa Transit Center and Park and Ride Lot

**CLIENT:** Santa Clara Valley Transit Authority

**FTB:** When this project was completed the firm name was Freedman Tung & Bottomley (FTB).