

ROUTE 101 IMPROVEMENT PROJECT

Millbrae Avenue to Third Avenue in San Mateo County

DESILVA GATES CONSTRUCTION LP AND R&L BROSAMER A JOINT VENTURE



LOCATION

Route 101
Burlingame and San Mateo, CA

OWNER

Caltrans

OWNER REFERENCE

Fernando Abela
Caltrans Resident Engineer
Telephone # (650) 315-8432

ARCHITECT/CONSTRUCTION MANAGER

Rajappan & Meyer Consulting Engr./
Caltrans

CONTRACT VALUE

\$130,967,176

START DATE

April 2007

COMPLETION DATE

October 2011

PROJECT DESCRIPTION

The Route 101 Improvement Project was located just south of the San Francisco International Airport and was built by The Joint Venture of DeSilva Gates and R&L Brosamer (JV) to improve Route 101 from Millbrae Avenue in Burlingame to Third Avenue in San Mateo.

This project was multi staged and included the construction of additional lanes, reconstruction / overlay of the existing freeway, bridge work, temporary and permanent retaining walls, sound walls, and the construction of two pedestrian overcrossings, and the installation of large storm culverts under Route 101 utilizing the bore and jack method. The freeway reconstruction and overlay work was performed during limited lane closure windows to minimize the impact on the traveling public and the access to and from the San Francisco Airport located just north of the project.

DeSilva Gates Construction hauled and placed more than 120,000 Tons of ASB and AB, and 208,000 Tons of hot mixed asphalt. Constructed 54,000 SF of temporary retaining walls for the roadway widening and reconstruction work and set over 140,000 LF of temporary K-Rail.

A significant obstacle that had to be overcome on this project is completing the reconstruction and overlay of the existing highway during night closures with limited working windows. To overcome this obstacle DeSilva Gates Construction worked multiple shifts and utilized multiple crews and material sources to ensure that existing freeway lanes were opened safely and on time so as to minimize impacts to the traveling public including the access to and from the San Francisco International Airport.