

Project Details

Caltrans Route 50 Widening – Watt Ave. to Sunrise

DESILVA GATES - MCM
A JOINT VENTURE



LOCATION

Route 50 Watt Ave. to Sunrise –
Rancho Cordova, CA

OWNER

Caltrans

ARCHITECT/CONSTRUCTION MANAGER

Caltrans/Caltrans

ORIGINAL CONTRACT

VALUE

\$58,609,067

CURRENT/FINAL CONTRACT VALUE

\$67,265,296

*Due to Owner Initiated Change Orders

START DATE

January 2010

ORIGINAL COMPLETION DATE

January 2011

FINAL COMPLETION DATE

PROJECT DESCRIPTION

The Route 50 Widening Project was located between Watt Avenue and Sunrise Blvd. in Rancho Cordova, CA with a distance of approximately 7 miles. This project was a Joint Venture with MCM Construction with DeSilva Gates Construction serving as the managing partner.

The Project primarily consisted of median reconstruction from Watt Avenue to Bradshaw Road, complete with new concrete median barrier, widening of Route 50 from Bradshaw Road to Sunrise Blvd., reconstruction of various on ramps and off ramps, replacement of existing PCC pavement (with RSC), dowel bar retrofit of existing PCC pavement, construction of 13 each masonry block sound walls, 5 each CIP retaining walls, 6 each tie-back retaining walls, one bridge widening over existing light rail, reconstruction of two pedestrian over crossings, new drainage facilities, electrical facilities, overhead sign structures and landscaping.

Project quantities included the following:

- 105,000 LF of Temporary K-Rail
- 192,000 CY of Roadway Excavation
- 133,000 CY of Aggregate Base
- 106,000 TN of HMA and OGAC
- 5,200 CY of Rapid Strength Concrete (RSC)
- 49,000 EA Dowel Bar Retrofit
- 31 EA Overhead Sign Structures (on CIDH and Bridge Mount)
- 22,000 LF of Drain Pipe

The significant obstacles encountered during the project were the high volume of traffic on Route 50 along with trucking coordination in and out of the project under lane closures as needed and coordination between road work and structure work on an A+B project with only 260 working days.