



I-880 North Safety and Operational Improvements at 23rd and 29th Avenues

NOVEMBER 2018

PROJECT OVERVIEW

The Alameda County Transportation Commission (Alameda CTC), in cooperation with the City of Oakland, is constructing operational and safety improvements on Interstate 880 (I-880) at 23rd and 29th Avenues. This project includes:

- Replacement of the freeway overcrossing structures
- Safety improvements to the northbound on- and off-ramps
- Safety improvements to the freeway mainline
- Soundwall installation in the northbound direction between 29th and 23rd Avenues
- Modification of local streets
- Landscape enhancement

Phase 1 and Phase 2 of this project are complete and culminated with the opening of the new three-lane overcrossing replacement structure on May 31, 2017.

Phase 3: Construction of the northbound I-880 off-ramp to 29th Avenue.

Phase 4: Reconstruction of the 23rd Avenue overcrossing.

Phase 5: Reconstruction of the northbound I-880 off-ramp to 23rd Avenue.

PROJECT NEED

- Interstate 880 is a major route for commuters and goods movement at all times of the day. In the vicinity of the 23rd Avenue and 29th Avenue interchanges, I-880 experiences high volumes and a high accident rate compared to similar freeways.
- The critical bottleneck is the close proximity between the 23rd and 29th Avenue interchanges, which results in short acceleration and weaving distances.
- Low vertical clearances of overcrossings and non-standard design of existing ramps also contribute to the need for safety and operational improvements.
- Between 26th and 29th Avenues, the bordering residential community and Lazaar Elementary School experience traffic noise due to lack of freeway sound walls.



PROJECT BENEFITS

- Ramp and intersection modifications at both interchanges will increase safety and operations along the freeway as well as on local neighborhood roadways.
- The extended auxiliary lane along northbound I-880 will provide a longer weaving section and reduce merging conflicts that result from speed differentials.
- Replacement of both 23rd and 29th Avenue overcrossing structures will provide standard vertical clearance for freeway traffic and reduce collisions with the bridge structures. The new 29th Avenue overcrossing will improve pedestrian and bicycle facilities. Bridge columns will be reconfigured to allow for the widening of the I-880 mainline freeway and shoulders.
- A sound wall will reduce noise impacts at the school and in the residential neighborhood.



Pre-demolition of the 29th Avenue overcrossing, courtesy of Caltrans.



Nearly completed 29th Avenue overcrossing, courtesy of Caltrans.

COST ESTIMATE BY PHASE (\$ X 1,000)

| | |
|---------------------------|------------------|
| PE/Environmental | \$5,838 |
| Final Design (PS&E) | \$9,866 |
| Right-of-Way/Utility | \$14,614 |
| Construction | \$83,334 |
| Plant Establishment | TBD |
| Total Expenditures | \$113,652 |

FUNDING SOURCES (\$ X 1,000)

| | |
|-----------------------|------------------|
| Measure BB | \$8,000 |
| Measure B | \$4,920 |
| Federal | \$1,794 |
| State | \$79,946 |
| Regional | \$12,344 |
| Local | \$6,648 |
| Total Revenues | \$113,652 |

STATUS

Implementing Agency: Alameda CTC

Current Phase: Construction

PROJECT DOCUMENTS

For detailed project documents and additional photos, visit the California Department of Transportation (Caltrans) project web page at <http://www.dot.ca.gov/dist4/projects/88023rd29thovercrossing/>.

PARTNERS AND STAKEHOLDERS

Caltrans, Alameda CTC and the City of Oakland

SCHEDULE BY PHASE

| | Begin | End |
|---------------------------------------|---------------|-------------|
| Preliminary Engineering/Environmental | November 2007 | April 2010 |
| Final Design | April 2010 | May 2013 |
| Right-of-Way/Utility | May 2010 | Winter 2018 |
| Advertisement/Award | August 2013 | April 2014 |
| Construction | July 2014 | Early 2019 |

Note: Information on this fact sheet is subject to periodic updates.