



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

SEPTEMBER 2019

## 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 completed May 31, 2017 and culminated with the opening of the new three-lane overcrossing replacement structure.

**Phase 3:** Construction of the northbound I-880 off-ramp to 29th Avenue completed December 20, 2018.

**Phase 4:** Reconstruction of the 23rd Avenue overcrossing completed and opened to traffic on November 10, 2018.

**Phase 5:** Reconstruction of the northbound I-880 off-ramp to 23rd Avenue completed May 25, 2019.

Project closeout is underway and is anticipated to be completed by December 31, 2021.

## 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 Lazeur Elementary School experience traffic noise due to lack of freeway soundwalls.



## 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 soundwall will reduce noise impacts at the school and in the residential neighborhood.



29th Avenue off-ramp under construction, courtesy of Caltrans.



29th Avenue off-ramp and roundabout and overcrossing structure.

## 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

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

PE/Environmental	\$5,948
Final Design (PS&E)	\$9,780
Right-of-Way/Utility	\$15,021
Construction	\$80,339
<b>Total Expenditures</b>	<b>\$111,088</b>

### FUNDING SOURCES (\$ X 1,000)

Measure BB	\$8,000
Measure B	\$4,920
Federal	\$1,787
State	\$79,989
Regional	\$12,300
Local	\$4,092
<b>Total Revenues</b>	<b>\$111,088</b>

### 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	May 2019
Plant Establishment	May 2019	May 2020

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