

Open Road Tolling Update

Bay Area Toll Authority Oversight Committee

May 14, 2025



Future Safety and Operational Improvements

Expected Benefits at the State-Owned Toll Plazas

- Toll booths removed
- Merging and weaving minimized by reducing number of lanes
- Shoulders added
- Designed for highway speeds



Current condition - AET

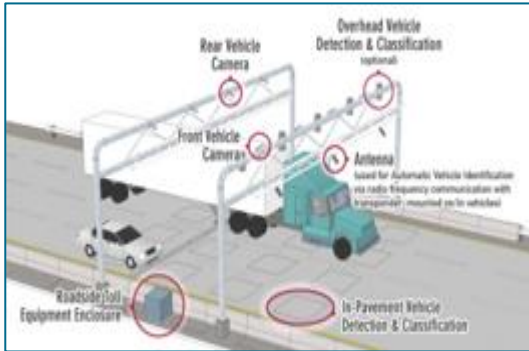


Future condition - ORT

Image Descriptions: First image is the existing Richmond San Rafael Bridge toll plaza with toll booths, and the second image is the proposed toll plaza at Richmond with no toll booths & new overhead gantry.

ORT Program Elements

Program Oversight: 



New Toll System Integrator

- High speed toll collection system
- Create transactions & sends to RCSC
- Procurement in-process

Civil Design

- Richmond-San Rafael (Kimley Horn)
- Northern / Southern Bridges (HDR)
- SFO Bay Bridge (AECOM)

Civil Construction

- CMGC Construction (Flatiron-Caltrans)
- Independent Cost Estimator (Krebs-BATA)
- BATA Construction Management (TBD)

Caltrans

- Facility Ownership
- Review / Approve BATA Designs
- Administer CMGC Contract
- Caltrans Construction Management

Image Descriptions: (1) Sample ORT Toll System, (2) Staff reviewing civil designs, (3) Construction at Caltrans facility, (4) Caltrans staff reviewing plans

PROGRAM SCHEDULE

Completion Dates

- Richmond-San Rafael - 2026
- Northern Bridges - 2027-28
- Southern Bridges - 2028
- Bay Bridge (Project 1) - 2028

PROGRAM BUDGET

- FY 24-25: \$318M

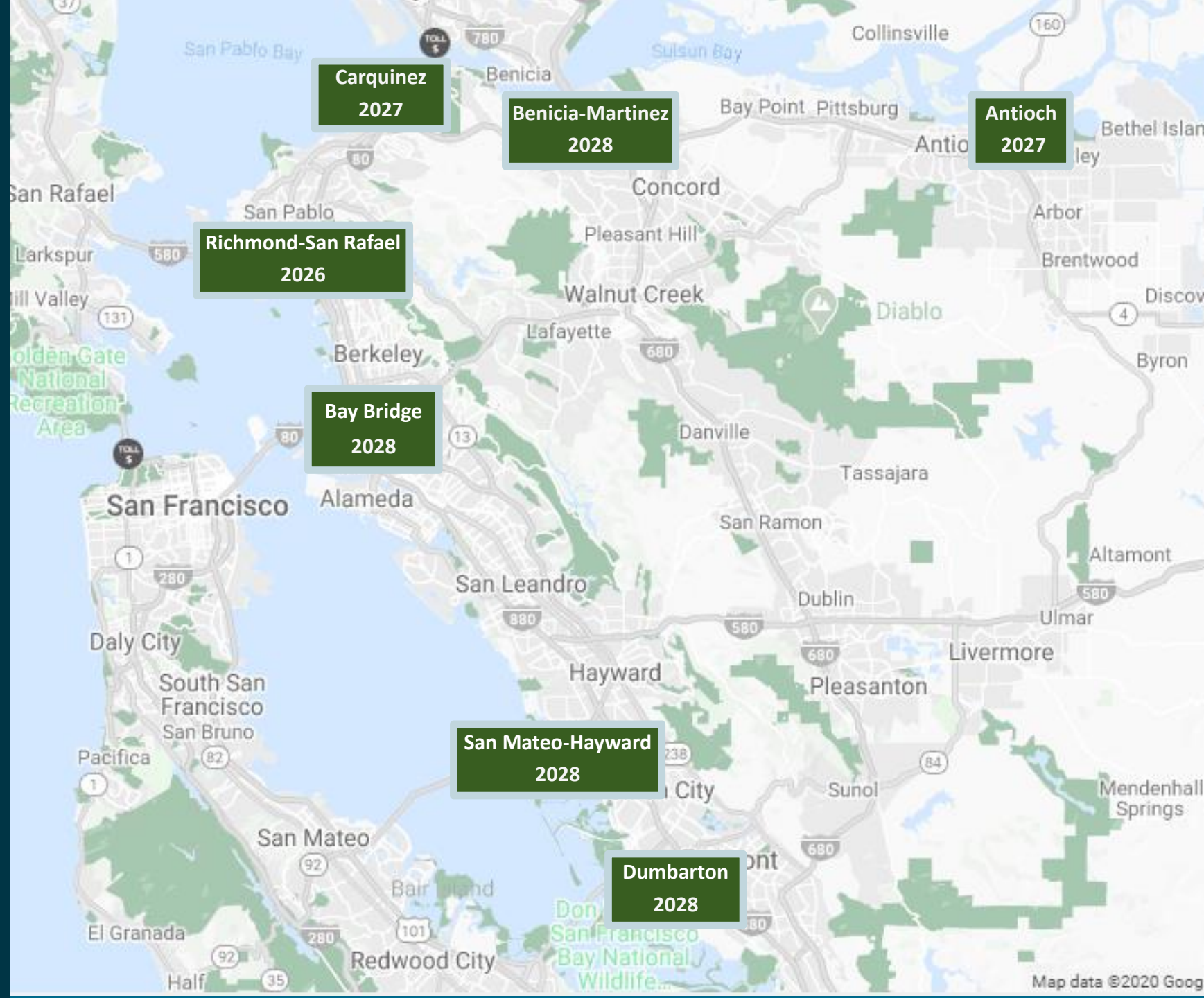


Image Description: Map of the Bay Area including San Francisco and the East Bay, showing the location of the seven bridges that are part of the ORT program (Antioch, Benicia-Martinez, Carquinez, Richmond-San Rafael, San Francisco Oakland Bay Bridge, San Mateo-Hayward, and Dumbarton Bridges).

Northern Bridges Update

Status: Working on 65% Design

Construction Begin: End of 2026

Antioch

- Reduce to one lane for all traffic

Benicia-Martinez

- Reduce number of lanes and update roadway geometry

Carquinez

- Reduce number of lanes and update roadway geometry



Image Description: Antioch Bridge proposed toll plaza with no toll booths & new overhead gantry.

Carquinez Bridge

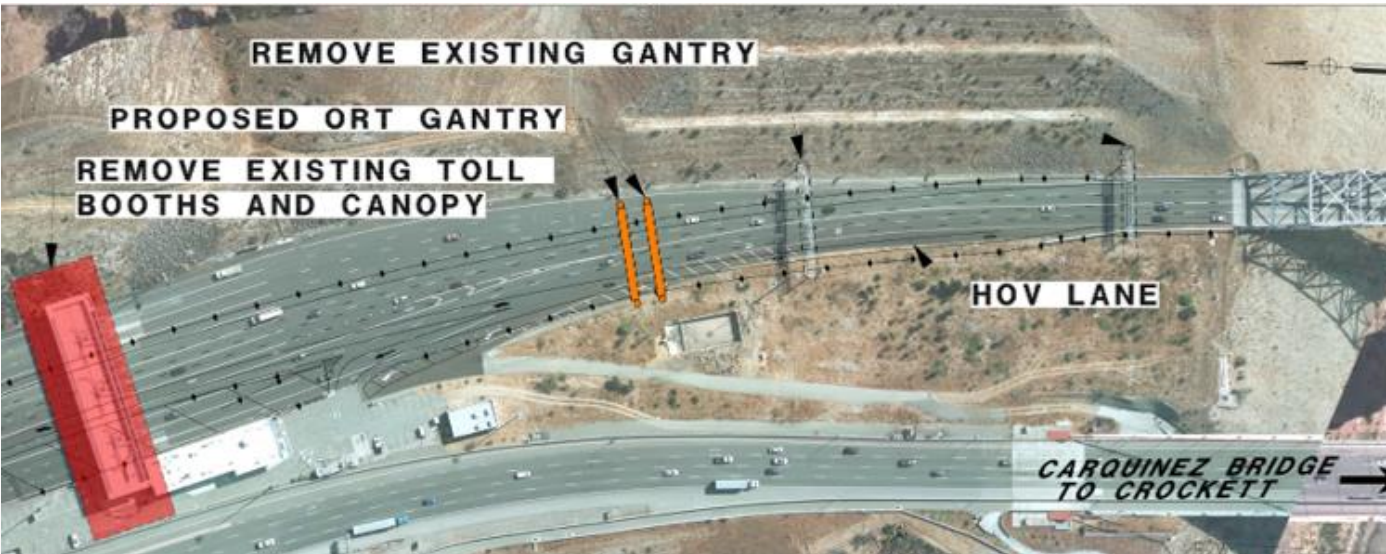


Image Descriptions: First image is the existing Carquinez toll plaza with toll booths, and the second image is the proposed toll gantry at Carquinez with toll booths removed.

Southern Bridges and SFOBB Update

Status: Working on 35% Design

Construction Begin: Summer 2027

Dumbarton

- Reduce number of lanes and update roadway geometry

San Mateo-Hayward

- Reduce number of lanes and update roadway geometry

SFOBB

- Install overhead gantry to install new toll system. Roadway update 2nd phase.



Image Description: San Francisco – Oakland Bay Bridge

Requested Actions

Action	Consultant	Scope of Work	Amount
Contract Amendment	WSP USA, Inc.	Open Road Tolling Program Management and Oversight	\$3,000,000
	HDR, Inc.	Planning and Design of the Civil Infrastructure of the Northern Toll Bridges for the Conversion to Open Road Tolling	\$3,665,000