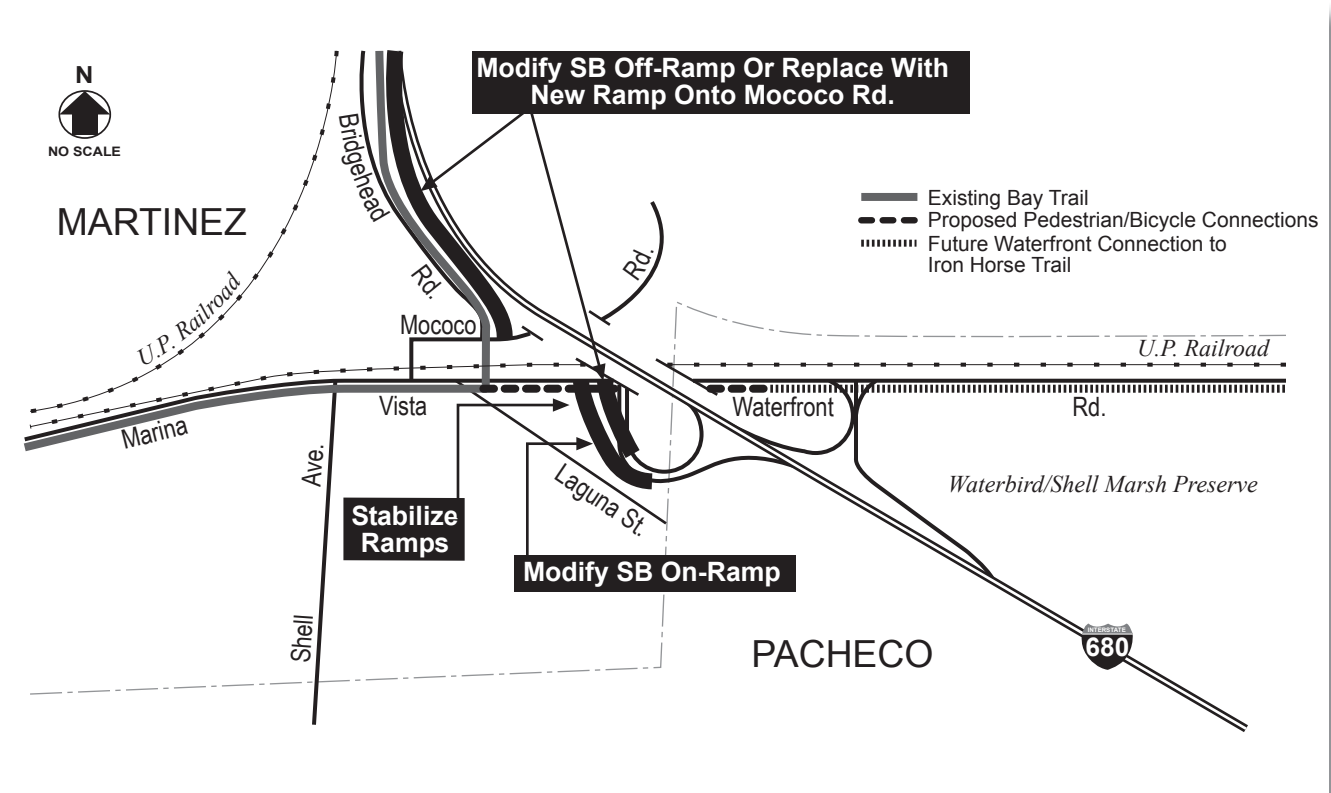




# Interstate 680 / Marina Vista Interchange Modifications



## Project Number

6003

## Project Sponsor

City of Martinez

## Project Type

Transit

Highway

Local Streets

Major Arterial

Bike/Pedestrian

Other

## Project Scope

Construct improvements to the I-680/Marina Vista Interchange by:

- Increasing deceleration distance for vehicles exiting Interstate 680 on the southbound off-ramp by modifying the alignment of the existing ramp or replacing it with a new off-ramp connection onto Mococo Road.
- Increasing acceleration distance for vehicles entering Interstate 680 on the southbound on-ramp.

## Funding Sources (\$ in million)

<b>Total</b>	<b>6.0</b>
Measure J Transportation Sales Tax <sup>1</sup>	1.3
Mitigation Fees	0.7
Other (TBD)	4.0

<sup>1</sup>Measure J funds shown in escalated dollars. Actual commitment is in 2004 dollars as shown in Appendix A.

## I-680 / Marina Vista Interchange Modifications (cont.)

### Project Scope (cont.)

- Stabilizing and reconstructing failed (sunken) portions of the southbound ramps at the Marina Vista intersection.
- Constructing pedestrian and bicycle facilities through the interchange.

### Need/Purpose

The Project significantly benefits both vehicular and pedestrian/bicycle traffic by enhancing safety within the interchange area. Deceleration on the existing southbound off-ramp is difficult due to the steep downgrade of the Benicia-Martinez bridge and the tight horizontal curve alignment of the ramp. Acceleration on the southbound on-ramp is difficult due to a tight right turn from Marina Vista, adverse cross slope on an existing box culvert, and tight horizontal curve alignment and steep climb of the on-ramp. The ramp pavement has failed due to poor subgrade, resulting in adverse grade over the existing box culvert and partial closure of the ramps during wet weather due to flooding. Pedestrian and bicycle facilities do not currently exist through the interchange area; and traffic is expected to increase with the opening of the EBRPD Waterbird/Shell Marsh Preserve, completion of the Bay Trail over the new Benicia-Martinez bridge, and future extension of the Iron Horse Trail along Pacheco Slough.

### Project Location



### Possible Segmentation

The project could be segmented or phased during construction, dependent upon available funding.

### Issues

Ramp realignment/roadway widening may impact existing wetlands.

Improvements may require right-of-way acquisition.

Railroad crossing conflict.

### Current Status

Project is in early planning stages.

### Project Schedule

