

Lake Merritt Channel / Oakland Estuary Embarcadero Bridge Replacement Project



BACKGROUND

As part of the California Department of Transportation (Caltrans) bridge inspection program, Oakland's Embarcadero Bridge over Lake Merritt Channel was selected to receive structural improvements in order to increase its earthquake resistance. Oakland Public Works worked closely with Caltrans to obtain funding to replace the bridge with a new structure, rather than retrofit the old bridge, for the many benefits a new bridge could provide. TYLin/AECOM, a Joint Venture, worked with City staff to design the new bridge.

PROJECT DESCRIPTION

The new bridge will be wider (59 feet versus the current 37 feet). In addition to 12-foot vehicle travel lanes in each direction, it will accommodate a 6-foot bike lane/shoulder in each direction, a 5-foot wide sidewalk on the north side, and a 12-foot wide multi-use path on the south (Estuary) side. This expansion will allow for continuity of pedestrian and bicycle access along the waterfront trail. Another major change will be the higher clearance the new bridge will have over the water, designed to allow kayaks/canoes to maneuver under the bridge in the future, continuing the City's efforts to reconnect Lake Merritt with the Estuary. The project will also have new street lighting, minor landscaping, new restroom facilities, and planted rainwater treatment areas at both ends to improve water quality.

COST AND FUNDING

The estimated project cost is \$23.3M funded by:

- Federal Highway Bridge Program (\$20.38M)
- State Prop 1B (\$1.74M)
- City of Oakland – Measure B (\$1.03M)
- State Seismic Match (\$0.15M)

TRAFFIC DETOUR

During construction, the Embarcadero (between Estuary Park and 5th Avenue) will be closed. Traffic will be diverted as shown on the Traffic Detour plan. The detour will likely be in place for two years.

CURRENT STATUS

Award of construction contract is scheduled for January 2015. Below is the planned schedule:

- Open Bids: November 2014 (*Completed*)
- Award Contract: January 2015
- Notice to Proceed: March 2015
- Project Completion: December 2016

CONTACT

Questions regarding this project can be directed to Mr. Nader Rabahat, Project Manager, Oakland Public Works at nrabahat@oaklandnet.com or (510) 238-6605. Project fact sheet will be updated online at www.oaklandpw.com.



Project Location
(Embarcadero over Lake Merritt Channel)



Embarcadero Bridge
(Estuary View)



Traffic Detour Plan