

## REDWOOD CITY PROJECT AREA



### CONGRESSIONAL INTEREST

12th District, Rep. Jackie Speir  
14th District, Rep. Anna Eshoo



### SUPPORTS USACE GOALS AND REGION'S OBJECTIVES

To execute the regional Civil Works Program and expand planning processes toward integrated and sustainable water resource projects.

### FINAL MESSAGE

The U.S. Army Corps of Engineers and the Port of Redwood City's efforts to maintain and deepen the channel at Redwood City is beneficial to the San Francisco Bay region and fulfills the USACE navigation mission.



### CONTACT US

**U.S. Army Corps of Engineers**  
Katherine Reyes, Project Manager  
Phone: 415.503.6847  
Email: Katherine.M.Reyes@usace.army.mil

**Port of Redwood City**  
Michael Giari, Executive Director  
Phone: 650.306.4150  
Email: mgiari@redwoodcityport.com

**Project Websites**  
<http://www.spn.usace.army.mil/projects/redwoodcityo&M.html>  
<http://www.spn.usace.army.mil/projects/redwoodcitygi.html>

## Redwood City Harbor Operations and Maintenance Project and Channel Deepening Study

Redwood City, CA



The Port of Redwood City

### Study Partners:

U.S. Army Corps of Engineers  
and the  
Port of Redwood City



**US Army Corps  
of Engineers**®  
San Francisco District

## ***PORT OF REDWOOD CITY OVERVIEW***

The Port of Redwood City, is located approximately 25 miles southeast of San Francisco and is the only deepwater port in south San Francisco Bay. The port is strategically located between San Francisco and the rapidly growing Silicon Valley/San Jose region.

It provides excellent inland transportation access via U.S. Highway 101 and Union Pacific Railroad. The location allows tenants to save both time and shipping costs. The specialty of the port is in bulk, neo-bulk, and liquid cargoes.

The Redwood City channel is a federally navigation project maintained at 30 feet (MLLW). Also important as the modern berthing and transportation facilities is the staff of Port professionals who provide expertise and services to marine cargo operations.

The combination of strategic location, available deepwater facilities and efficient service, has enabled the Port of Redwood City to become the fastest growing "small" bulk port in California. By focusing port development efforts on dry bulk, neo-bulk and specialized cargo, together with the USACE partnership, the Port's future looks bright with continued growth.

### ***REDWOOD CITY HARBOR (DEEPENING) CHANNEL STUDY***

This proposed study will address deepening the project to a greater-than-authorized depth of 30 feet in order to accommodate the new, larger, vessels, which currently call on the port and require more than the authorized depth. These vessels are forced to light load and top off at other ports, significantly adding to the cost of calling on the port. Despite the current obstacles, commercial tonnage has increased significantly in the last twenty years, approximately 1,300% between 1987 and 2006. Tonnage figures however, have been lower the past several years due to the economic downturn.

### ***DEEPENING PROJECT ACCOMPLISHMENTS***

- Vessel characterization studies
- Geophysical investigations
- Sediment chemical characterization
- Activities to be performed in FY12— economics analysis, navigation simulation studies, modeling efforts, and feasibility/ EIS/R documents.



### ***REDWOOD CITY HARBOR OPERATIONS AND MAINTENANCE PROJECT***

Project operations and maintenance provides for 2-year cycle maintenance dredging of the main ship channel, with an authorized project depth of -30 feet deep at Mean Lower Low Water (MLLW), and two turning basins. Redwood City Harbor is a deep draft, high use port with commercial tonnage of close to two million tons moving through it each year. Major commodities are aggregates for the booming south bay construction industry, recycled scrap metal and recycled petroleum products.

### ***O&M PROJECT ACCOMPLISHMENTS***

- Dredging contract awarded to Vortex Marine for project depth of -28.5' for placement at SF-11 (Alcatraz)
- Maintenance dredging completed December 2011

