



SOUTHPORT SETBACK LEVEE PROJECT

West Sacramento, CA

MIXED FLOODPLAIN AND RIPARIAN HABITAT

The Southport Sacramento River Setback Levee is a multi-benefit flood and ecosystem enhancement project that will be constructed as part of the U.S. Army Corps of Engineers' (USACE) West Sacramento General Reevaluation Report (GRR) process through a partnership to plan and permit by the City of West Sacramento and West Sacramento Area Flood Control Agency (WSAFCA), and the Department of Water Resources (DWR) Division of Flood Management. The setback area will be a mixed floodplain and riparian habitat to provide floodplain restoration benefits to native fish species.

The City of West Sacramento sits at the confluence of the American and Sacramento Rivers, adjacent to the Yolo Bypass and within the Sacramento River floodplain. The record flooding in 1986 and 1997 prioritized the need for the city and the region to modernize its levee system to reduce the risk of flooding. The nearly six-mile long Southport Levee along the Sacramento River has been identified as the most vulnerable section of West Sacramento's levee system. WSAFCA has addressed other vulnerabilities in the system including improvements to the Sacramento Bypass levee and Sacramento River north levee in 2011, and near the I Street Bridge on the Sacramento River north levee in 2008. WSAFCA started investigating improvements to the Southport Levee in 2007. Preliminary alternatives were developed in 2009, and the WSAFCA Board of Directors identified the preferred design alternative in 2012. Since the engineering design process started in 2010, the design team has held multiple public meetings with potentially affected property owners and other interested parties. The project design is to set back four miles of the nearly six-mile levee and strengthen it in the remaining sections.

This project would yield up to 152 acres of mixed floodplain and riparian habitat as part of a unique opportunity to set back the levee in this rapidly urbanizing area. Setting back the levee will enhance the ability of the river to meander across the floodplain, distributing soils and nutrients that sustain riparian vegetation and aquatic species.

DWR is providing funding under its Early Implementation Program for construction of the setback levee and the vegetation needed to mitigate for hydraulic impacts of the setback. DWR is providing input on design of the setback levee and the restoration plan for the offset floodplain area.

RESTORATION GOALS / TARGET

- Estimate of up to 152 acres of mixed floodplain and riparian habitat. A portion of the area is planned as mitigation for future WSAFCA levee projects implemented under the West Sacramento GRR.

LOCATION AND LANDOWNER

- The site is located along the Sacramento River in West Sacramento and is owned by the City of West Sacramento and WSAFCA.

FUNDING

- Proposition 1E, DWR Flood Project Office Early Implementation Project funding



- ▶ Levee setback project is \$130M (\$103M State / \$27M WSAFCA)

- ▶ Restoration Project is \$5M

TIMELINE

- ▶ Engineering - between 2010 and 2016
- ▶ Permitting /design - anticipated to be completed in early 2017
- ▶ Initial construction - began in 2016
- ▶ Setback levee construction - beginning in spring 2017
- ▶ Restoration component construction - beginning in 2018

PERMITTING

- ▶ CEQA EIR/EIS - certified in August 2014
- ▶ Endangered Species Act Section 7 consultation - completed
- ▶ Regional Water Quality Control Board Section 401 - completed
- ▶ Central Valley Flood Protection Board Encroachment Permit - completed
- ▶ Delta Plan Consistency Determination - completed
- ▶ California Department of Fish and Wildlife Streamed Alteration Agreement Section 1600 - anticipated in late 2016
- ▶ USACE
 - 408 permission - anticipated in late 2016
 - Section 404 permit - anticipated in late 2016
- ▶ Caltrans Encroachment permit - anticipated in late 2016
- ▶ National Historic Preservation Act Section 106 - anticipated early 2017
- ▶ State Lands Commission agreement - anticipated in early 2017

- ▶ GRR complete and will become an authorized USACE project

PROJECT PROPONENT

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ADDITIONAL INFORMATION

City of West Sacramento:

https://www.cityofwestsacramento.org/city/flood/southport_eip/default.asp

