



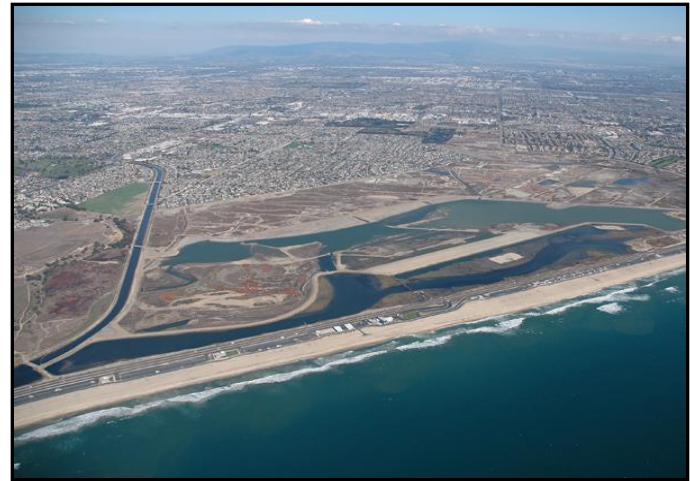
Westminster, East Garden Grove, CA

Investigations

U.S. ARMY CORPS OF ENGINEERS

BUILDING STRONG.

LOCATION AND DESCRIPTION: The watershed area encompasses approximately 90 square miles located in western Orange County, 25 miles southeast of the City of Los Angeles. The watershed lies on a flat coastal plain and is almost entirely urbanized with residential and commercial development. Flood damage along the East Garden Grove-Wintersburg Channel, affect residential, commercial and industrial development within the cities of Santa Ana, Westminster, Huntington Beach and Fountain Valley. The Locally Preferred Plan consists of the modification of 25 miles of existing drainage channels. For the C02/C04 channel system, the plan includes conversion of 11,600 linear feet of trapezoidal channel to rectangular concrete channel walls with soft bottom in center of channel; improvement of 15,000 linear feet of concrete rectangular channels; 5,000 linear feet of paving existing trapezoidal channels; and of a 7,500 linear foot diversion channel near the Westminster Mall along U.S. Navy rail line & Edwards Street. Install 9,000 linear feet of sheet pile with subsequent excavation of the existing toe along the south bank of the CO2 channel. For the C05/C06 channel, conversion of 25,000 linear feet of trapezoidal channel to rectangular concrete channel; 2,300 linear feet of paving existing trapezoidal channels; install steel sheet pile channel walls in 14,500 linear feet of channel and install 40,000 linear feet floodwalls, replacement of 43 different roadway crossings, replacement of pedestrian channel crossings, widening the restriction at Warner Avenue Bridge, replace a pedestrian bridge at Bolsa Chica Conservancy, and remove Tide gate on the COS Channel.



As of: 04 Mar 21

FINANCIAL SUMMARY:

PED

Estimated Federal Cost	\$45,000,000
Estimated Non-Federal Cost	\$132,000,000
Total Estimated Project Cost	\$178,000,000
Allocation thru FY19	\$0
Allocation for FY20	\$0
President's Budget for FY21	TBD
House Report for FY21	TBD
Senate Report for FY21	TBD
Balance to Complete After FY21	\$45,000,000

AUTHORIZATION: Flood Control Act of 1938, House Resolution dated 6 May 1964. Project Authorization WRDA 2020 Section 401(2)(2).

ACTIVITIES FOR FY 2021: None.

FY22 PLANNED ACCOMPLISHMENTS: Optimal funding could be used to negotiate, sign a design agreement and initiate Pre-construction Engineering and Design.

ISSUES AND OTHER INFORMATION: The Chief's report was signed on 9 July 2020 recommending the Locally Preferred Plan. Funds shown in Financial section are estimated from the percentages shown in the Final Feasibility Report and about 17% of the total project cost estimate. Estimate will be refined with Design phase is initiated. Funds for Design have not been received.

CONGRESSIONAL INTEREST: Senator Feinstein and Padilla, Congresspersons Lowenthal (CA-47), Steele (CA-48)

U.S. ARMY CORPS OF ENGINEERS – LOS ANGELES DISTRICT

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