

Central Valley Flood Protection Board Meeting

Informational Briefing

San Joaquin River Basin, Lower San Joaquin River California Project

Patrick Howell Jr., USACE
Larry Ito, Department of Water Resources
Juan Neira, San Joaquin Area Flood Control Agency
Ali Porbaha, Board Staff

BRIEFING SUMMARY

Background

Staff from the U.S. Army Corps of Engineers (USACE), San Joaquin Area Flood Control Agency (SJAFCA), and Department of Water Resources (DWR), Flood Projects Office, will provide an informational briefing update on the San Joaquin River Basin, Lower San Joaquin River California Project (Project), for which the USACE plans to construct improvements to 24 miles of levees, and Smith Canal and Fourteen Mile Slough closure structures, adjacent to the North and Central Stockton areas. The Project consists of multiple reaches and construction is expected to span for the next ten years. The estimated total Project cost is \$1.3 billion.

With the completion of the feasibility study, the Project will enter the Preconstruction Engineering and Design (PED) phase upon execution of the Design Agreement and Local Design Agreement. Considering that the total cost of the PED is \$165 million, the project is broken down into multiple reaches to prioritize the highest risk areas first. For the first planned reach of the project, the USACE has received \$1 million of funding from the 2018 Work Plan and \$3.125 million from the 2019 Work Plan for a total of \$4.125 million in federal funds.

Purpose

This informational briefing will provide an update and address the questions the Board discussed during the November 16, 2018 Board meeting, including:

1. What is the USACE plan for the San Joaquin River Basin?
2. What is the level of protection for the project and what are the potential impacts to the adjacent areas?
3. How was climate change incorporated into the Lower San Joaquin River Feasibility Study?
4. Why does the timeline of the Lower San Joaquin River California Project extend to 2030? Update on project timeline.

Future Actions

To move forward with the design phase of the project, the State will need to enter into the following agreements:

A Design Agreement (DA) between USACE, the Board, and SJAFCA that will cost share the design expenses as follows: 65% Federal government and 35% Non-Federal Sponsors. The total project costs of the DA for the first reach is estimated as \$6.346 million.

A Local Design Agreement (LDA) between the Board and SJAFCA that will further cost share the Non-Federal cost-share of design expenses as follows: 70% State and 30% SJAFCA. The Non-Federal Sponsors total cost share is estimated as \$2.221 million of which the State share would be \$1,554,808 and SJAFCA's \$666,346.

Consequently, a three-party DA between the Board, USACE, and SJAFCA and a two-party LDA between the Board and SJAFCA will be prepared for the Board's consideration at a future Board meeting.