



CENTRAL VALLEY FLOOD PROTECTION BOARD EXECUTIVE OFFICER'S REPORT

August 30, 2019

PLAN IMPLEMENTATION AND COMPLIANCE BRANCH

Status Report and Work Activities

Operational Programs

The work of the Plan Implementation and Compliance Branch (Branch) is organized into six Operational Programs (OP) that define the type of work being completed. The Branch will use this Executive Officer's Report to provide updates to the CVFPB on work being accomplished within each OP.

Ongoing Efforts of Each Operational Program:

Operational Program: Central Valley Flood Protection Plan

The Sacramento-San Joaquin Drainage District (SSJDD) Feasibility Study - Request for Proposals (RFP) was released on July 18, 2019. The CVFPB is seeking qualified firms to respond to the RFP for the preparation of a Report of Findings evaluating the feasibility of SSJDD to provide funding for system-wide improvements and the operation and maintenance of associated flood control structures and levees within the State Plan of Flood Control. A link to download the RFP was posted on the CVFPB website. Proposals were due on August 20, 2019. CVFPB staff will provide consistent updates on the progress of awarding a contract.

Operational Program: Section 408 System Alteration Permitting

- **West Sacramento Area Flood Control Agency – Southport Levee Improvement Project**

Restoration planting for the newly created flood channels between the remnant levee and the new setback levee is scheduled for September of 2019. The CVFPB permit for the restoration planting was approved at the July CVFPB meeting. Weekly project meetings started April 10, 2019 and are anticipated to continue through the summer. Items discussed at the last meeting included status of variance reports, Senior of Consultant's final meeting, closeout report, and completion of the OMRR&R manual for the setback levee.

- **Yolo Bypass/Cache Slough Master Plan and USACE 408 Letter of Intent**
The CVFPB approved the No Objection Letter at the July 2019 CVFPB meeting. The No Objection Letter was sent to the USACE to request initiation of a joint review of the proposed Yolo Bypass – Cache Slough Program (Program). CVFPB staff continues to coordinate with DWR and USACE on the Program by participating in the Operations and Maintenance work group, as well as the Permitting Strategy work group. CVFPB staff will provide updates to the CVFPB on the progress of the 408 Master Plan and overall Program, as needed.
- **Marysville Railroad Bridge Rehabilitation Project**
On July 31, 2019 Under permit No. WA2018049, the CVFPB's Executive Officer issued a Minor Alteration letter in accordance with Title 23, Division 1, Article 3, Section 6(e) allowing three geotechnical borings as part of relocating the finger levee east of State Route 70. The geotechnical borings are necessary to complete the design of the proposed project. An encroachment permit application for the proposed project is anticipated to be submitted at the end of the summer.
- **Bear River Setback Levee**
On August 14, 2019, the USACE and CVFPB staff had a pre-application meeting for the proposed Bear River Setback Levee. The proposed levee will be approximately 2,800 linear feet and relieve erosion issues on the north side of Bear River in Reclamation District 817. The project is being funded through DWR's Flood System Repair Program. CVFPB staff are expecting a request for a letter of No Objection from the applicant by the end of August.

Operational Program: USACE / CVFPB Sponsored Studies and Projects

- **Marysville Ring Levee**
DWR continues to pursue Lands, Easements, Right of Way, Relocation, and Disposal Sites (LERRDs) for the three remaining phases. Staff continues to coordinate with USACE and DWR on upcoming requisite work (i.e., utility relocations). Staff is currently working with DWR on an encroachment permit for the relocation of PG&E utility poles and pipelines.
- **American River Common Features 2016**
 - Beach-Stone Lakes Mitigation Site
SAFCA is awarding a contract in August 2019 to create over 30 acres of wetland to serve as mitigation for American River Commons Feature 2016 and address mitigation needs for future levee projects.

- Sacramento Bypass Weir Expansion
Staff continues to meet with DWR and SAFCA to discuss the design components of the Sacramento Weir expansion. Design Quality Control review of the 65% design plans is planned for the end of October 2019 and Agency Technical Review in December 2019. The Lower Elkhorn Basin Levee Setback Project is at 100% design with a planned March 2020 award date. The CVFPB, SAFCA, and DWR coordination meetings are ongoing and rotate meeting locations monthly between SAFCA and DWR.
- Seepage / Stability – Sacramento River East Levee
The Sacramento River East Levee (SREL) Project is in the request for proposal phase with construction scheduled to begin at the end of 2020. Staff has ongoing coordination meeting with SAFCA on the status of the project. The contractor is mobilizing on Reach D (confluence of the American and Sacramento Rivers down to Sutterville Road) and is starting field work. SAFCA has sent out incentive letters to assist in removal of encroachments prior to construction.
- Erosion
The Value Engineering Study for American River work from Paradise Beach to Howe Avenue is anticipated to be completed at the end of August. The majority of the Sacramento River work is currently at 10% with a Request for Proposal scheduled for November 2019 except for River Mile 55.2 site, which is at 65% design.
- **Levee Accreditation Project (LAP)**
Construction of the North Area Streams project located along Arcade Creek is complete. Restoration and utility work are on-going. Close-out report is expected at the end of the summer 2019.
- **South Sacramento County Streams Construction Project**
Project close-out is scheduled for September 2019 with a close-out report by the end of 2019. Remaining activities include: updating the O&M manual, real estate acquisition, and crediting.
- **American River Common Features WRDA 96/99**
Project is in close-out phase. Remaining activities include: O&M Manual, environmental mitigation credits, real estate, and finance. Approximately \$15.9 million of LERRDS/In-kind credit was approved for the State of California and SAFCA by the USACE.

- **Natomas**

Improvements to the levees surrounding the Natomas Basin are ongoing. Construction of 3 miles of cut-off wall to the levee at the southeast portion of the Natomas basin near where I-80 crosses the levee, including a full road closure, began the week of July 17. A second phase in this same area will include a landside access road, slope flattening, and tree removals in FY21. In the southeast corner of the basin, a contractor will soon start potholing, clearing and grubbing, removing asphalt, and slope flattening. Along the Natomas Cross Canal in the northwest corner, a vestal drain and RD 1000's pumping plant will be completed this year. PG&E is scheduled to relocate utility poles in the coming months at this same location. Design work is continuing for multiple reaches around the Natomas Basin.

- **Folsom Dam Modifications (Joint Federal Project)**

The contractor continues to finish punch list items. USACE has completed physical tainter gate hydraulic rod coating testing and is writing a report. Modeling of the Bulkhead Gates is complete, and the draft report has finished Partner review.

- **Folsom Dam Raise**

First construction package bids for Dike 8 are being awarded in August. Dikes 1-7 are at 65% design and are being submitted for Agency Technical Review. The Mormon Island Auxiliary Dam is at 35% design. Monthly meetings are being held to discuss lands, easements, rights-of-way and utility relocation.

- **Sutter Butte Flood Control Agency (SBFCA) Sutter Basin Project**

The contractor continued conventional method slurry cutoff wall construction. The contractor has encountered cultural resources impacts during ground disturbing activities, which the SBFCA team is assisting USACE to resolve. Staff continues to participate in USACE project management team meetings.

- **Reclamation District 17**

Staff received and started processing a new application from Reclamation District 17, as part of Phase III Levee Seepage Repair Project, to construct a new seepage berm with chimney drain, ten additional chimney drains, and the authorization of the ten previously constructed seepage berms completed during the RD17 2017 Emergency Flood Project. Staff plans to bring this project to the CVFPB as soon as the USACE provides the Categorical Permission letter for Section 408 request.

Operational Program: Adequate Progress

Staff received the 2019 Annual Report of Adequate Progress toward urban level of flood protection for the Mossdale Tract Area (Reclamation District 17) from San Joaquin Area

Flood Control Agency; and the 2019 Annual Report within the Sutter/Yuba City Basin from Sutter Butte Flood Control Agency. Staff posted the reports to the CVFPB website (<http://cvfpb.ca.gov/adequate-progress/>)

Operational Program: Safety Element Review

No updates this month.

Operational Program: Special Projects

- **Western Pacific Interceptor Canal Culvert Replacement Project**

The Department of Water Resource's Sutter Maintenance Yard and CVFPB staff have begun preparation for construction activities on the Western Pacific Interceptor Canal Culvert Replacement Project. It is anticipated that dewatering activities and construction will take place over the next 30 to 45 days. CVFPB staff will provide an update to the CVFPB upon completion of the project.

- **Chester Diversion Dam**

The CVFPB staff received a second round of comments from CalOES on the Emergency Action Plan (EAP) for the Chester Diversion Dam. Staff is working with DWR to respond to those comments and resubmit the EAP as soon as possible.