



ITEM 2

Agenda of May 16, 2019

**TO: Board of Directors
Sacramento Area Flood Control Agency**

**FROM: Richard M. Johnson, Executive Director
(916) 874-7606**

SUBJECT: EXECUTIVE DIRECTOR'S REPORT FOR MAY 16, 2019

AMERICAN RIVER WATERSHED COMMON FEATURES 2016 PROJECT

The following is a Project update from the U.S. Army Corps of Engineers (USACE) as of April 30, 2019. Please refer to the graphic in Attachment 1 for applicable reaches.

Levee Work Seepage and Stability:

- Reach D, Contract 1 construction award is scheduled for July 30, 2019;
- The USACE has identified the areas that will be included in Contract 1 for the Sacramento River East Levee (SREL) as shown on Attachment 2. SREL Contract 1 is under design by SAFCA for the USACE with the 65% design submittal due June 16, 2019;
- The USACE is still determining which areas and what work will be included in Contract 2 for SREL. The design work for SREL Contract 2 is scheduled to be awarded by August 16, 2019;
- The USACE is still determining which areas and what work will be included in Contract 3 for SREL. The design work for SREL Contract 3 is scheduled to be advertised July 10, 2019; and
- Resources from the USACE Mississippi Valley Division will be reviewing the construction done by SAFCA along the North Area Streams to determine if any additional work is required. A schedule for completing this review is still being developed.

American and Sacramento Rivers Erosion:

- The U.S. Geological Survey and the USACE are continuing exploration activities on both the American and Sacramento Rivers. Drilling will be performed in two phases with the second phase to start in the fall of 2019;
- The American River Contract 1 in Reach 2 (please see Attachment 3) design is continuing and the design team is scheduled to have the 35% design completed by May 17, 2019. In order to expedite the design schedule, the 65% design will be the iteration where all the

required independent USACE reviews will take place, instead of doing these reviews at both the 35% and 65% designs. The goal is to try to get to construction award in Fiscal Year 2020 (this is one year ahead of the scheduled milestone); and

- The design team has initiated the erosion assessment on the Sacramento River. Surface comparison and modeling is getting underway which all helps inform the design.

Sacramento Weir and Bypass:

- The 35% design is scheduled for completion by May 31, 2019;
- Geotechnical explorations have been initiated; and
- The California Department of Water Resources is continuing work on the Sacramento Bypass widening effort scheduled for contract award in early 2020.

Mitigation:

- Current efforts are underway to identify all potential mitigation sites and advance those needed to mitigate for FY 2019 and FY 2020 construction projects; and
- The USACE is currently in-progress of purchasing 20 Green Sturgeon credits available on the market.

AMERICAN RIVER WATERSHED FOLSOM DAM RAISE PROJECT

The following is a Project update from USACE as of April 30, 2019. Please refer to the graphic in Attachment 4 for a graphic of the Folsom Dam Raise.

- The gate anchor investigations for the Main Concrete Dam modifications were completed on January 31, 2019;
- The contract modification for accelerating design of Dike 7 for a 2020 construction award was awarded on February 15, 2019;
- The contract award for the design of Left and Right Wing Dams was awarded on December 21, 2018. A modification of this task order to include additional geotechnical investigations for the wing dams will be awarded in June 2019;
- The Independent External Peer Review for Dike 8 was completed April 17, 2019;
- The 65% design for Dikes 1-6 is ongoing;
- The Dike 8 100% design was completed April 29, 2019 and the USACE has initiated the procurement process for a construction contract award in August 2019; and
- Industry Day, at which the USACE meets with construction contractors for main dam gate modifications, will take place May 15, 2019.

AMERICAN RIVER WATERSHED COMMON FEATURES NATOMAS PROJECT

The following is a Project update from USACE as of April 30, 2019. Please refer to the graphic in Attachment 5 for applicable reaches.

Reach I, Contract 1:

- An alternate bicycle path due to seepage blanket construction is being constructed;
- The waterline/seepage blanket work to begin May 13, 2019;
- Cutoff wall work will begin in mid to late June 2019 with total closure of the Garden Highway between Truxel and Northgate; and
- The media event that was originally planned for May 30, 2019 is being rescheduled to later in the year.

Reach D

- The second season of construction is starting; and
- The Vestal Drain and pump station work will continue in 2019 and 2020.

Reach H

- The construction contract was awarded on January 23, 2019 and the Notice to Proceed was issued on February 6, 2019;
- The contractor is preparing pre-construction submittals and staging areas; and
- Construction will consist of three (3) miles of cutoff wall to be constructed in 2019 and 2020.

Reach B

- The 100% design has been completed with a planned FY 2019 contract award and construction in FY 2020.

Reach A

- The design is 35% complete and the 65% design is due in July 2019.

Interstate 5 Window

- 65% design due in May 2019 with a planned FY 2020 contract award and FY 2020 construction.

Reach E

- The USACE Walla Walla District is performing the civil design work and the Nashville District is performing the geotechnical design. The 35% design is due at the end of May 2019.

THE SACRAMENTO CHAMBER OF COMMERCE CAPITOL-TO-CAPITOL TRIP

The annual Sacramento Chamber of Commerce Capitol-to-Capitol (Cap-to-Cap) trip to Washington D.C. took place May 4 through 8, 2019. The flood team had three (3) issue papers

and a flood projects map which are included as Attachments 6, 7, 8, and 9. SAFCA Board Member Mat Conant participated on the Cap-to-Cap flood team.

TRANSFER OF EXCESS NON-FEDERAL CREDITS

Section 1020 of the Water Resources Reform and Development Act of 2014 (Public Law 113-121) authorizes the Secretary of the Army to approve a “Comprehensive Plan” submitted by a non-Federal interest, identifying the transfer of credit for in-kind contributions that are in excess of the required non-Federal cost share for a project. The transfer of excess credit will be counted toward the required non-Federal cost share on different authorized projects.

Section 1166 of the Water Infrastructure Improvements for the Nation Act of 2016 (Public Law 114-322) modifies Section 1020 to provide that this transfer of excess credit may be applied prior to completion of the donor project upon request of the non-Federal interest.

For the American River Watershed Common Features, Natomas Basin Project (Natomas Project), both the District and the non-Federal sponsors expect the non-Federal contributions to exceed the non-Federal cost-share requirements, creating “excess” credits. On March 2, 2017, SAFCA formally submitted a Comprehensive Plan requesting that the excess credits created in the American River Watershed Common Features, Natomas Basin Project be approved to count towards the American River Watershed Common Features 2016, Project which is proceeding concurrently with the Natomas Basin Project.

The Comprehensive Plan has had some issues raised while it is working its way up the approval chain to the Assistant Secretary of the Army’s office for approval. On May 6, 2019, SAFCA met with Mr. James Dalton, Director of Civil Works, at USACE Headquarters in Washington D.C. He had an entire room of the right people to help address the issues. It was a very positive meeting and we are hopeful it will lead to approval of the Comprehensive Plan in a timely manner.