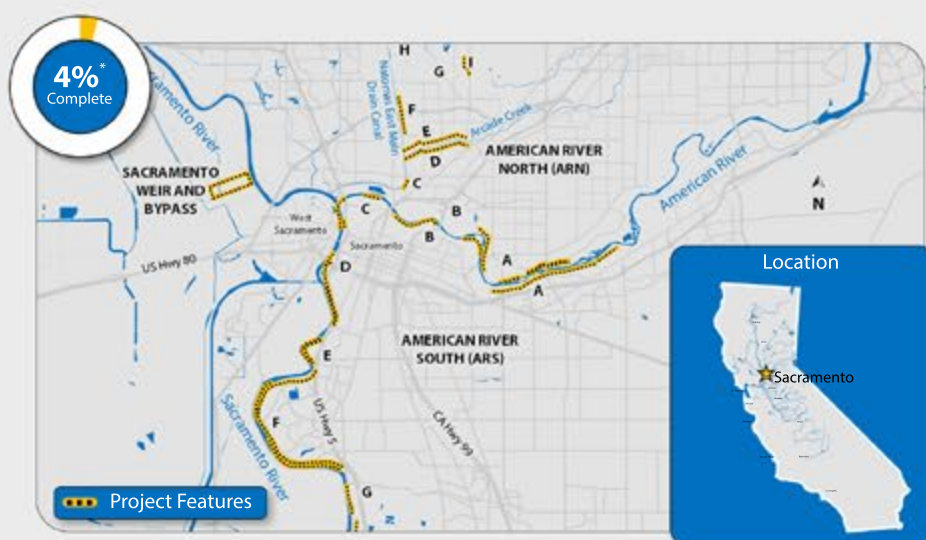




5

SUPPLEMENTAL-FUNDED PROJECTS

The U.S. Army Corps of Engineers Sacramento District received \$2.1 billion dollars through the Bipartisan Budget Act of 2018 (Public Law 115-123) Long Term Disaster Recovery Investment Plan to keep five critical infrastructure projects in California's Central Valley on track, move dirt, and most importantly, reduce disaster risks for local communities and businesses. Here's an overview of the five supplemental-funded flood risk management projects.



AMERICAN RIVER COMMON FEATURES - WRDA 2016[†]

Main Project Features:

- 13 miles of cutoff walls.
- 21 miles of bank protection.
- 5 miles of levee stabilization.
- 5 miles of levee raises.
- 1500 feet widening of Sacramento Weir and Bypass.

Benefits: Reduces flood risk for 500,000 people and 125,000 structures, helps prevent \$62 billion economic losses.

Scheduled Completion: Fall 2025.

Supplemental Funding Amount: \$1.5 billion.



FOLSOM DAM RAISE

Main Project Features:

- 3.5 feet raise of the Folsom Facility Dikes 1-8, Mormon Island Auxiliary Dam, Left Wing Dam and Right Wing Dam.
- Modifications of Main Dam's Tainter gates.

Benefits: Increase temporary water storage space during flood events and reduce flood risk for nearly 2 million people in the region.

Scheduled Completion: Fall 2025.

Supplemental Funding Amount: \$216.5 million.



ISABELLA DAM SAFETY MODIFICATION PROJECT

Main Project Features:

- 16 feet raise to the Main and Auxiliary Dams.
- Add filter and drain on the downstream slope of the Main Dam.
- Improve stability of the existing spillway.
- Create an additional 300-foot-wide Emergency Spillway and Labyrinth Weir.

Benefits: Improve safety for 300,000 people living and working below the dams, reduce risk from seismic event, minimize potential of dam over-topping, safely control seepage, extend infrastructure lifespan and remove current pool restriction (implemented in 2006).

Scheduled Completion: End of 2022.

Supplemental Funding Amount: \$258.2 million.



TULE RIVER SPILLWAY ENLARGEMENT AT SUCCESS DAM

Main Project Features:

- 10 feet raise and 165 feet widening of existing spillway.
- Construct new 400 feet-long concrete Ogee Weir.
- Realign portion of access road to accommodate new ogee structure.
- Construct additional relief wells at Main Dam toe drain.
- Reinforce Frazier Dike and existing Highway 190 bridge for new gross pool.

Benefits: Bring the dam up to current safety standards, increase reservoir storage by 28,000 acre feet and reduce flood risk for over 60,000 people downstream.

Scheduled Completion: Fall 2023.

Supplemental Funding Amount: \$74 million.



YUBA RIVER BASIN MARYSVILLE RING LEVEE PROJECT

Main Project Features: Construct approximately 25,000 linear feet of levee improvements across 7.6 miles of levees with soil betonite cutoff walls and stability berms and other erosion controls.

Benefits: Reduce levee through and under seepage, achieve 200-year level flood risk reduction and reduce risk to more than 12,700 people, 3,731 structures, the region's largest hospital and major transportation corridors including State Highways 70 and 20 and the Union Pacific Railroad.

Scheduled Completion: Fall 2023.

Supplemental Funding Amount: \$13.5 million.

* Project completion percentage is approximate and based on difference between design start date and scheduled construction completion date. Current as of January 2019. † Water Resources Development Act of 2016.