

Project Overview

The American River Common Features 2016 Project (Project) is a \$1.8 billion cooperative effort between the U.S. Army Corps of Engineers, the State of California Central Valley Flood Protection Board, the California Department of Water Resources, and the Sacramento Area Flood Control Agency (SAFCA).

The Project serves as one piece of the State and SAFCA's larger plan to help the Sacramento region eventually achieve a 200-year level of protection, meaning a one-in-200 chance of flooding in any given year.

The Project was fully funded to completion in the Bipartisan Budget Act of 2018, providing the unprecedented opportunity to proactively address limitations of the existing flood risk management system and, as a result, lower the flood risk for millions of people who live, work and play in the Sacramento region.

Flood risk associated with seepage, stability, overtopping, and erosion on the Lower American River and the east-side of the Sacramento River is addressed, and its authorized features include approximately:

- 13 Miles of Cutoff Walls
- 21 Miles of Bank Protection
 - 11 miles on the American River
 - 10 miles on the Sacramento River
- 5 Miles of Levee Stabilization
- 5 Miles of Levee Raises
- Widen Sacramento Weir and Bypass by approximately 1,500 feet

Project Partners



State of California, Central Valley Flood Protection Board
State of California, Department of Water Resources
Sacramento Area Flood Control Agency



Contact

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For More Information

Project Webpage

www.sacleveeupgrades.com



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Sacramento District Homepage

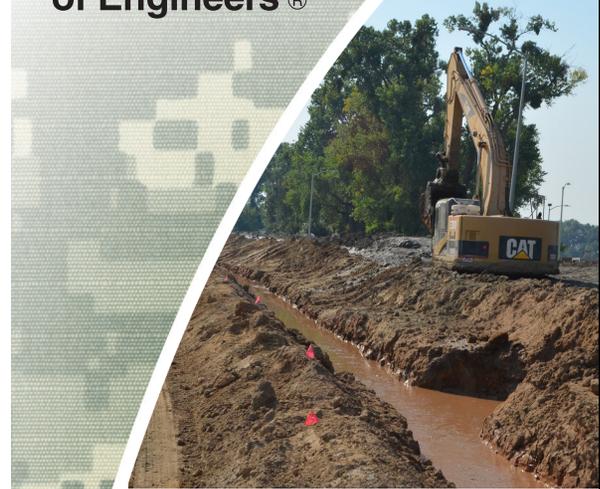
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Primary Flood Risk Factors

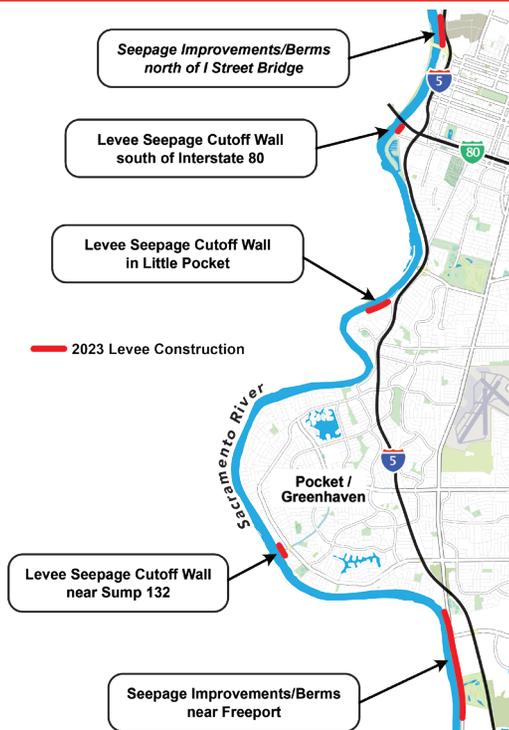
The Project includes improvement measures to address seepage, slope stability, and overtopping concerns identified for the Sacramento River levee, Natomas East Main Drainage Canal (NEMDC), Arcade Creek, and Magpie Creek.

Seepage and stability improvements are typically addressed by the installation of a cutoff wall, seepage berm, or relief wells.

Levee improvements to address overtopping could include floodwalls, levee raises, and a detention basin. Levee improvements to address erosion are typically protection in the form of a launchable trench or on the bank itself.

In 2019, the Sacramento Area Flood Control Agency (SAFCA) completed construction to address the seepage and stability concerns along Arcade Creek’s north and south levees as well as the NEMDC east levee to address identified levee seepage and embankment and foundation stability problems.

In 2020-2022, USACE completed construction of approximately 7 miles of levee improvements to address seepage risks along the Sacramento River East Levee between Old Sacramento and the Freeport Water Intake Facility in the Pocket neighborhood.



Sacramento River East Levee Contract 4

SREL Contract 4 is the fifth of eight major construction efforts along various segments of the Sacramento River East Levee (SREL) as part of Project construction. SREL Contract 4 will incorporate seepage, stability, and overtopping improvements to five localized segments of levee totaling approximately 3 miles now through December 31, 2023.

The Project area generally extends from just south of the confluence downstream to the town of Freeport. SREL Contract 4 includes installation of various types of cutoff walls and raises within the levee prism. Specifically, work will occur as shown in the map above. Public areas likely impacted by construction haul and staging include a portion of the parking lot at Garcia Bend Park. Impacts to the boat launch access Garcia Bend Park are not presently anticipated in the 2023 construction season.

What’s Next?

The remaining Sacramento River East Levee improvements are anticipated to be broken into multiple construction phases..

Sacramento River Erosion Contract 2: Presently consists of approximately 3 miles of repair at 11 of the highest risked segments extending downstream from the Pioneer Bridge to the Pocket. It will take two construction seasons to complete beginning in 2023.

Sacramento River Erosion Contract 3: Presently consists of 2.4 miles of repair at the next five of the riskiest segments. It is under design and currently expected to take two construction seasons to complete. Construction is estimated to begin in 2025.

Sacramento River Erosion Contract 4: Presently consists of approximately 1,500 linear feet of repair and is estimated for construction in 2024.

The best way to stay up-to-date on Project activities is to subscribe to our monthly construction update at www.sacleveeupgrades.com.

There you can also learn about upcoming public meetings and Industry Days, read the latest frequently asked questions, see construction photos, and more.

