

Folsom Dam Raise Project

**Authorization:** Energy and Water Development Appropriations Act (EWDAA) of 2003 (P.L. 108-137), Sec/ 128, 134. EWDAA, 2006 (P.L. 109-103) Sec. 128; EWDAA, 2008 (P.L. 110-161), Sec. 130; Omnibus Appropriations Act, 2009 (P.L. 111-8), Sec. 109. Section 103 of the Water Resources Development Act of 1986, as amended.

**Project Scope:** The Flood Risk Management (FRM) element of the project includes: raising the height of Dikes 1-8, the Left and Right Wing Dams, and the Mormon Island Auxiliary Dam (MIAD) by 3.5 feet; and modifying the eight spillway gates by adding top seals, strengthening the gates, and raising the gate piers. Together, these measures will allow greater control of releases from the dam during large flood events and provide system-wide FRM benefits for the greater Sacramento Area.

The Ecosystem Restoration element of the project includes: reconfiguring the Folsom Dam penstock gates with modernized temperature control shutters (TCS) and providing ecosystem restoration at two locations on the American River downstream of Folsom Dam. The TCS modernization will allow Reclamation to make refined water releases to better manage downstream water temperatures to support salmonid populations.

The final element was to construct the Folsom Crossing Bridge. This was completed in 2009.

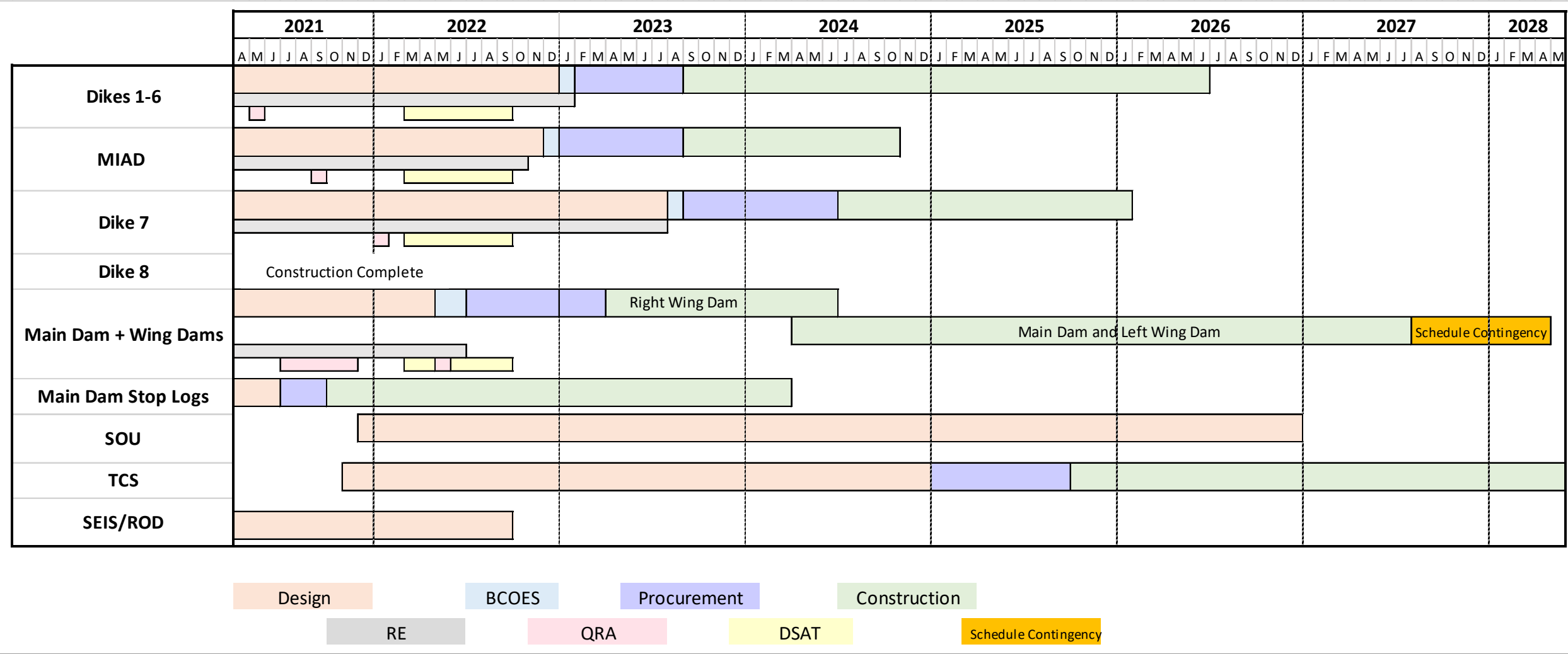
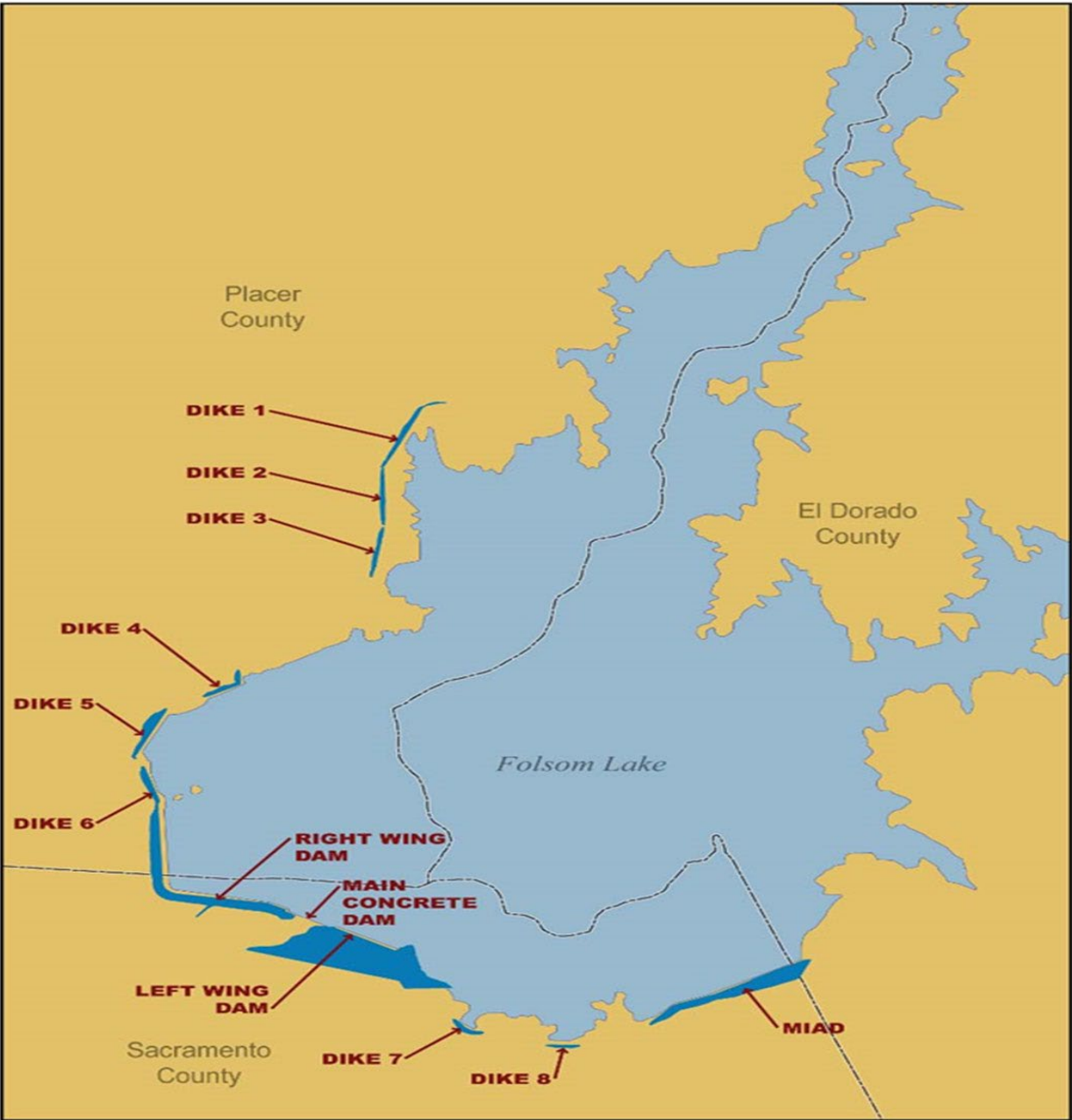
**Project Status:** The Project Partnership Agreement for the Dam Raise element was signed in March 2019. The first construction contract, Dike 8, was completed in June 2020. Design of the remaining FRM features is underway and currently 99% complete overall. Construction contracts for the Main Dam/Wing Dams, Dikes 1-6, and MIAD will be awarded in Fiscal Year (FY) 2023. The remaining contract for Dike 7 is planned for FY 2024. This project is funded through completion under the Bipartisan Budget Act (BBA) of 2018 and construction is projected to be complete in 2027.

The Design Agreement for modernizing the TCS was signed in 2020. The design effort is underway and currently estimated to be finished in 2024. No funding has been provided for the downstream ecosystem restoration work.

Inter-agency Project Management Group Meetings and design coordination meetings with AE contractors and partnering agencies occur alternately every two weeks.

**Economic Summary:** Folsom Dam is operated by the Bureau of Reclamation. Folsom Dam Raise will reduce flood risks to 500,000 residents and \$58 billion of assets in the Greater Sacramento Metropolitan Area by enabling Reclamation to operate the Folsom Dam and the Auxiliary Spillway with a greater capability to route large flood events.

**Upcoming Engagements:** None scheduled at this time.







US Army Corps  
of Engineers

SACRAMENTO DISTRICT

PROJECT PLACEMAT

## Folsom Dam Raise

### Folsom Dam Raise Project (Continued)

#### PROJECT MILESTONES

<u>Design Contracts</u>	<u>Awarded</u>	<u>Completed</u>
Dikes 1-6	APR18	JAN23
Dike 8	AUG18	APR19
Dike 7	AUG18	AUG23
MIAD	AUG18	DEC22
Main Dam/Wing Dams	In house	JUN22

<u>Construction Contracts</u>	<u>Awarded</u>	<u>Completed</u>
Dike 8	AUG19	JUN20
Main Dam/Wing Dams	MAR23	JUL27
Dike 7	JUL24	JAN26
MIAD	AUG23	OCT24
Dikes 1-6	AUG23	JUN26

Dam Raise Benefit to Cost Ratio is 1.9 to 1.0.  
Benefits based on economic analysis and certified cost estimate updated in 2021.



Visit our **CONGRESSIONAL PORTAL**  
for detailed project information



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