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Shasta Dam & Reservoir Expansion Project

Background

Shasta Dam is a federally-owned facility and the largest reservoir in California. The federal government has been studying the idea of raising Shasta Dam on and off since the 1980s.

Enlarging the reservoir will:

- Provide an additional 630,000 acre-feet of stored water for the environment and for water users.
- Improve water supply reliability for agricultural, municipal and industrial, and environmental uses.
- Reduce flood damage.
- Improve water temperatures and water quality in the Sacramento River below the dam for anadromous fish survival.



Aerial view of Shasta Dam and Reservoir

2018 Activities

Pre-construction activities are ongoing following Congressional approval of \$20 million Water Infrastructure for Improvements to the Nation (WIIN) Act funding in March 2018.

Activities include:

- Engineering design for 18 ½ feet dam raise.
- Coordination with various federal, state, railroad and local agencies.
- Consultations with tribal interests, land-owners, government and non-government agencies, and preparing various required documents.
- Identifying non-federal cost share partner(s).
- Public involvement and stakeholder outreach.

Timeline

Reclamation expects to award the first construction-related contracts in early December 2019.

Funding

Total cost of the project is estimated at \$1.4 billion (in 2014 dollars).

Remaining expenditures (other than concrete dam raise only) include:

- Land resource management work such as, interagency agreements and land acquisition planning.
- Design activities for facilities to be relocated, including: Roads, railroad, bridges and marinas.