# RECLAMATION Managing Water in the West

**Shasta Dam:** 

A Tour Through Time



U.S. Department of the Interior Bureau of Reclamation

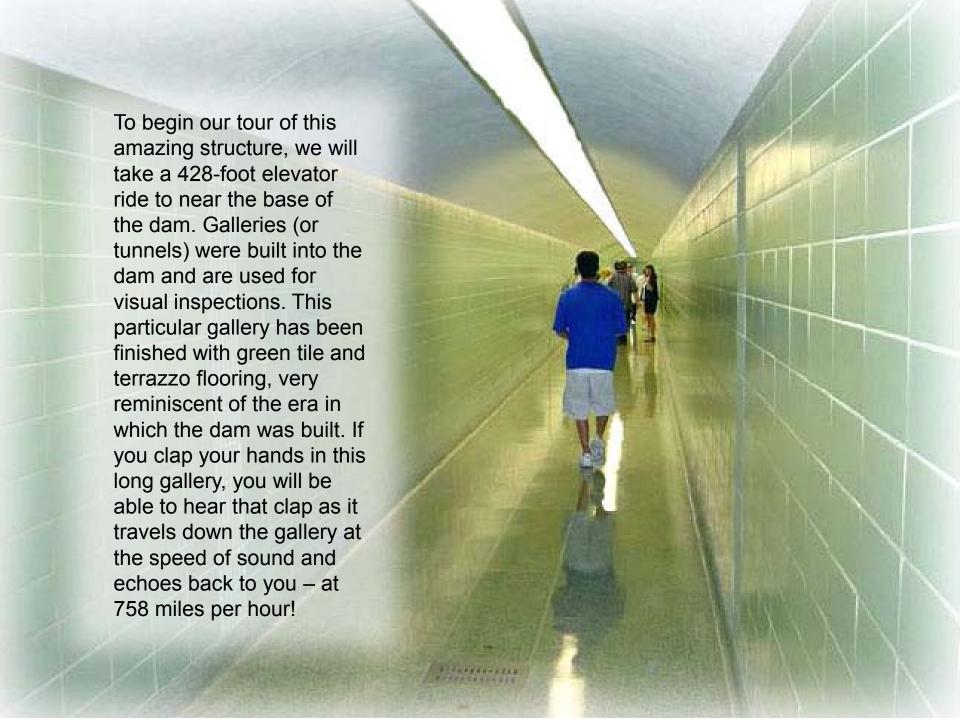


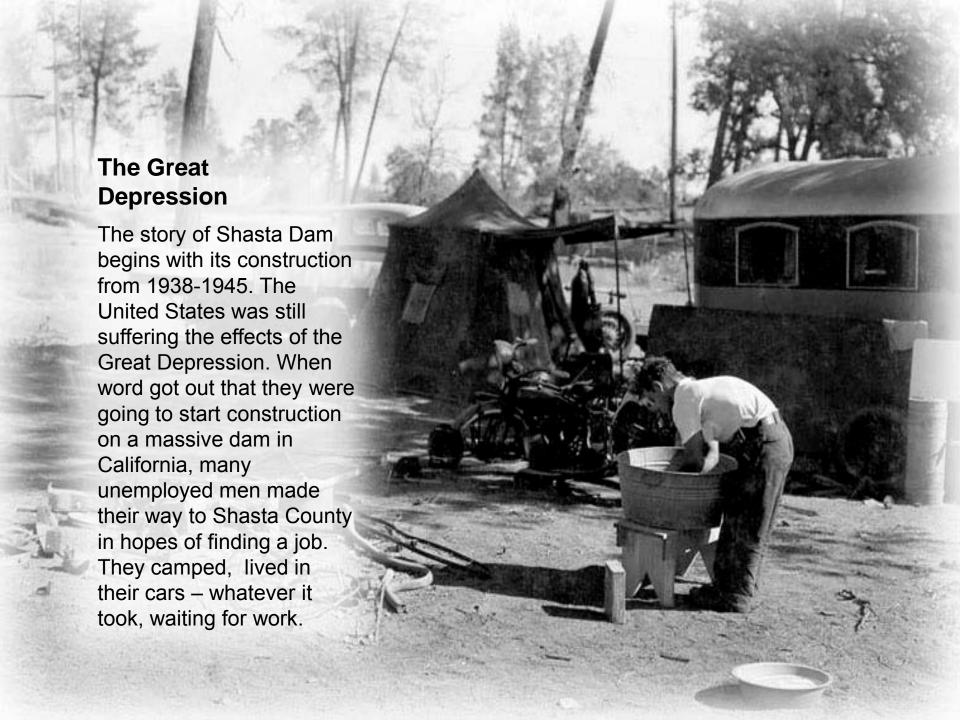
#### **Welcome to Shasta Dam**

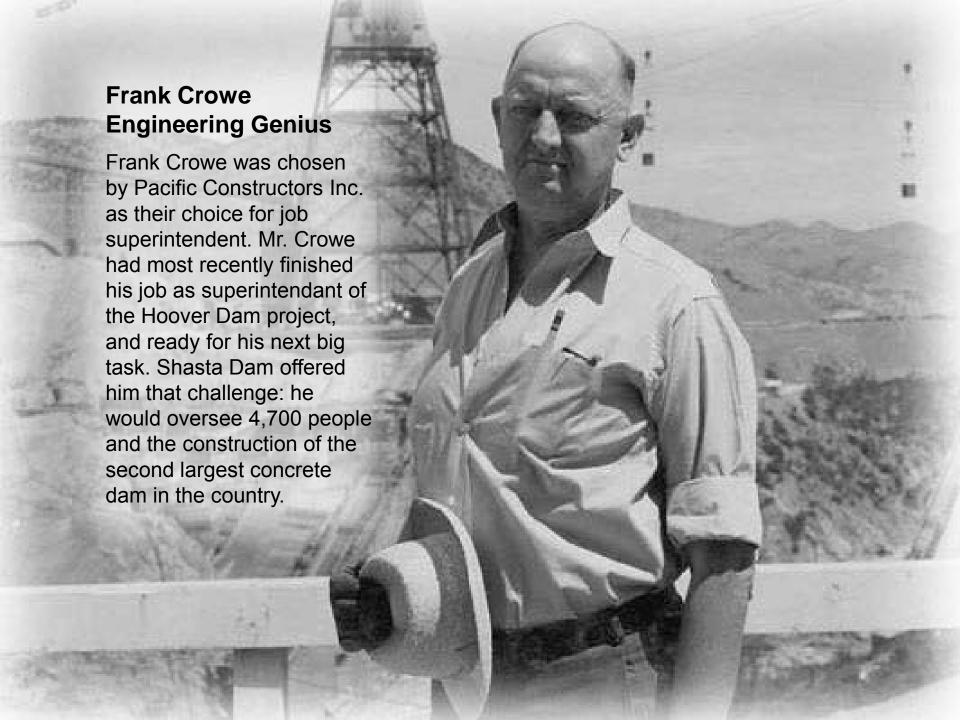
Standing wide and tall across the Sacramento River in northern California, Shasta Dam backs up water for more than 35 miles to form beautiful Shasta Lake. Each year millions of visitors come to California's largest reservoir to enjoy camping, swimming, fishing, boating, or just taking in the scenery aboard a houseboat- but recreation is only one small benefit of the lake and the dam that forms it.

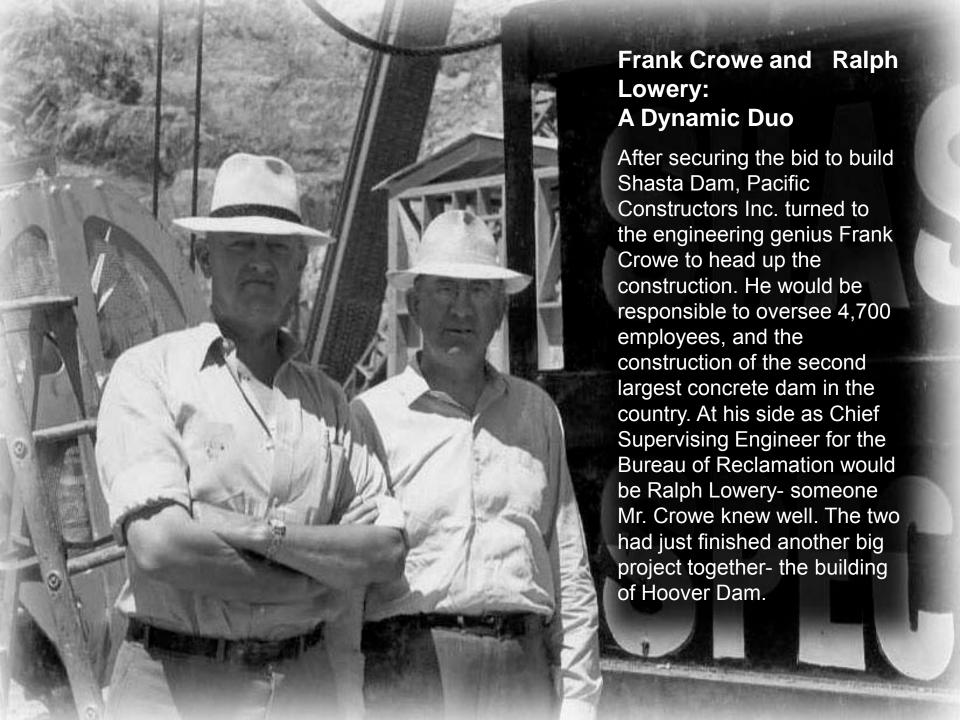


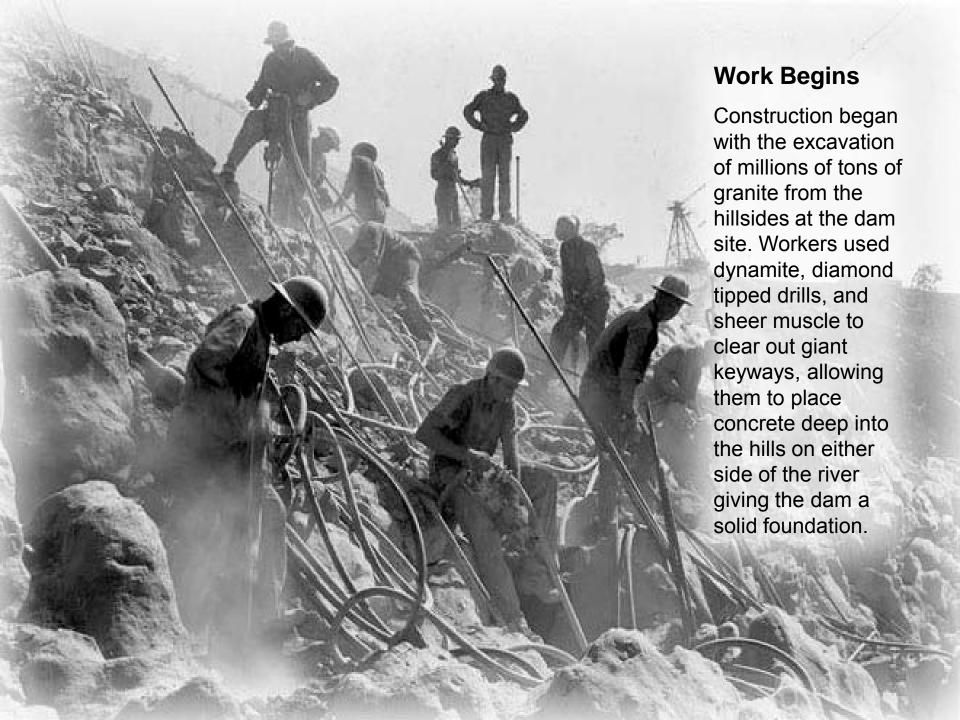
In addition to flood control, Shasta Dam provides a clean, dependable water supply for irrigation, municipal and industrial use, wildlife habitat maintenance, navigating the Sacramento River and power generation that benefits millions of people miles away from the shores of Shasta Lake's recreational paradise.

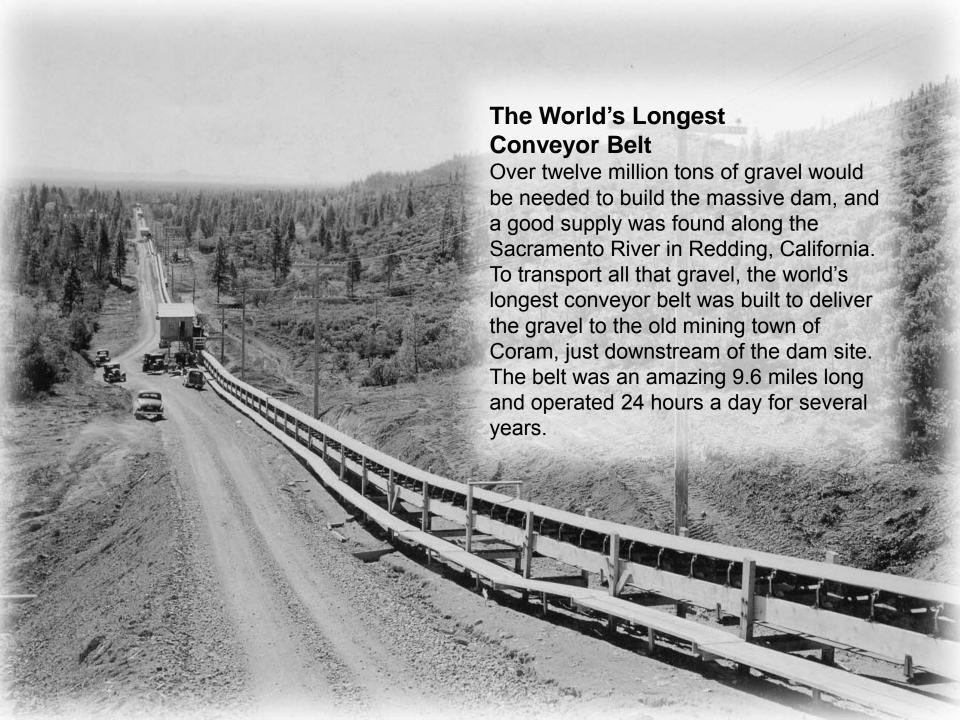








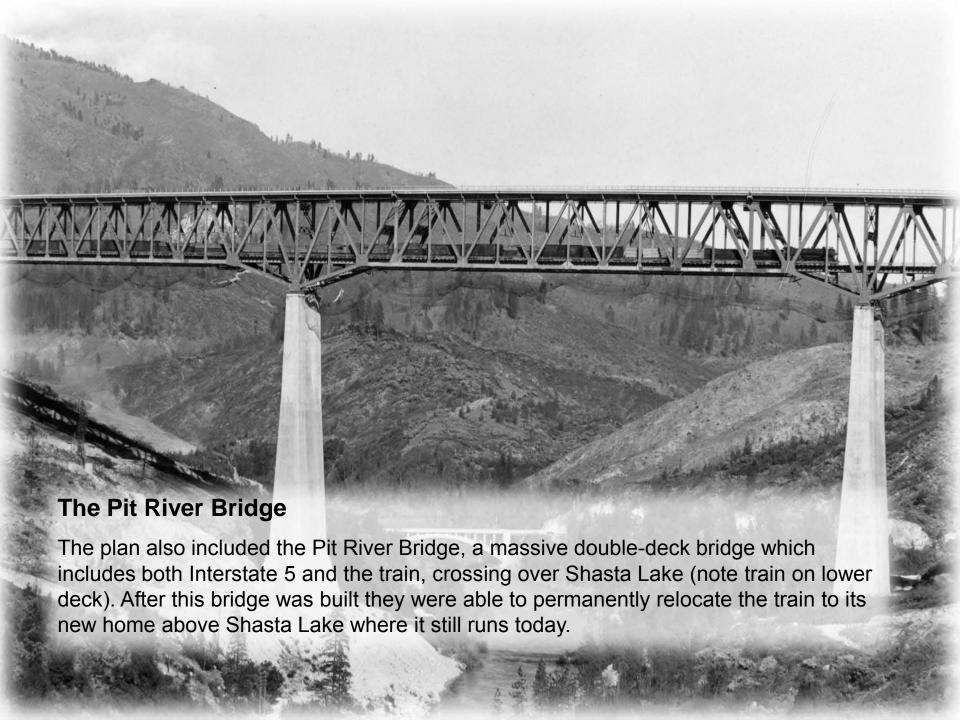


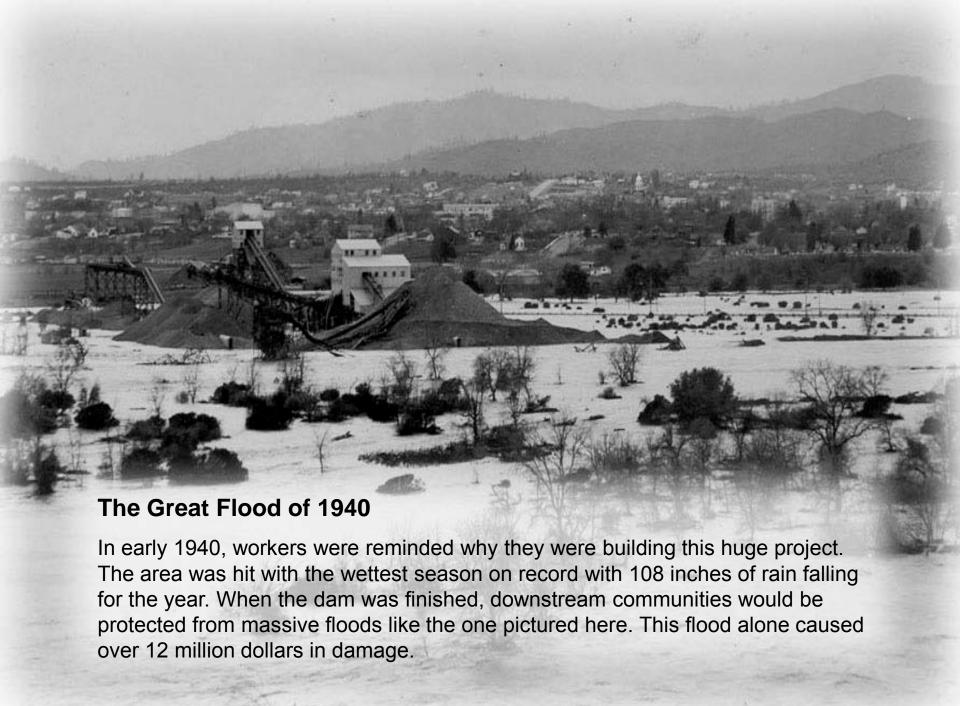


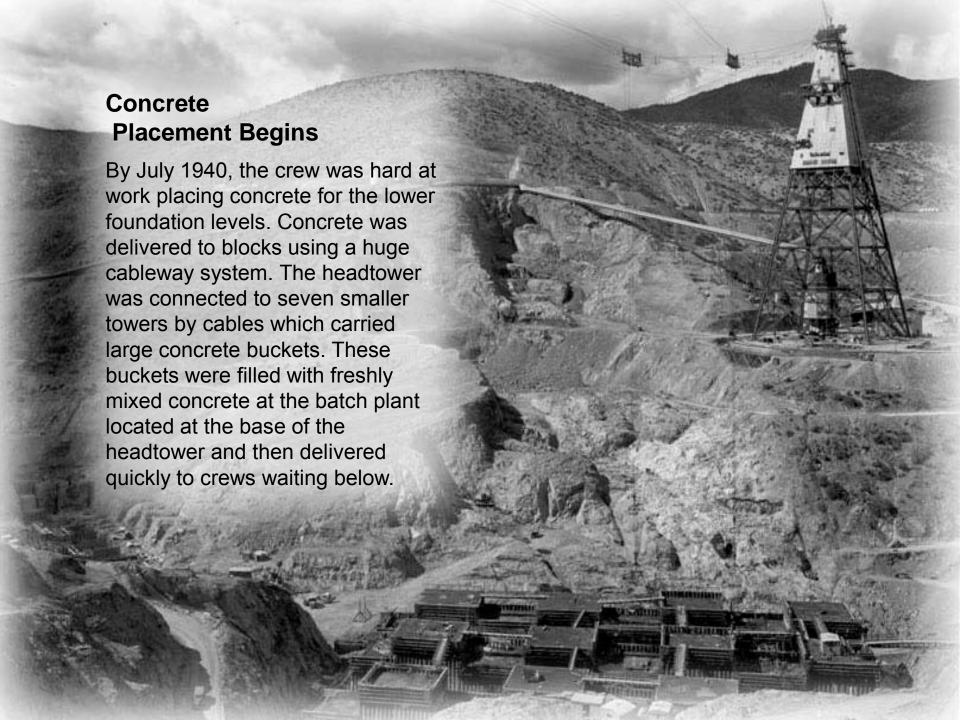
# Southern Pacific Railroad

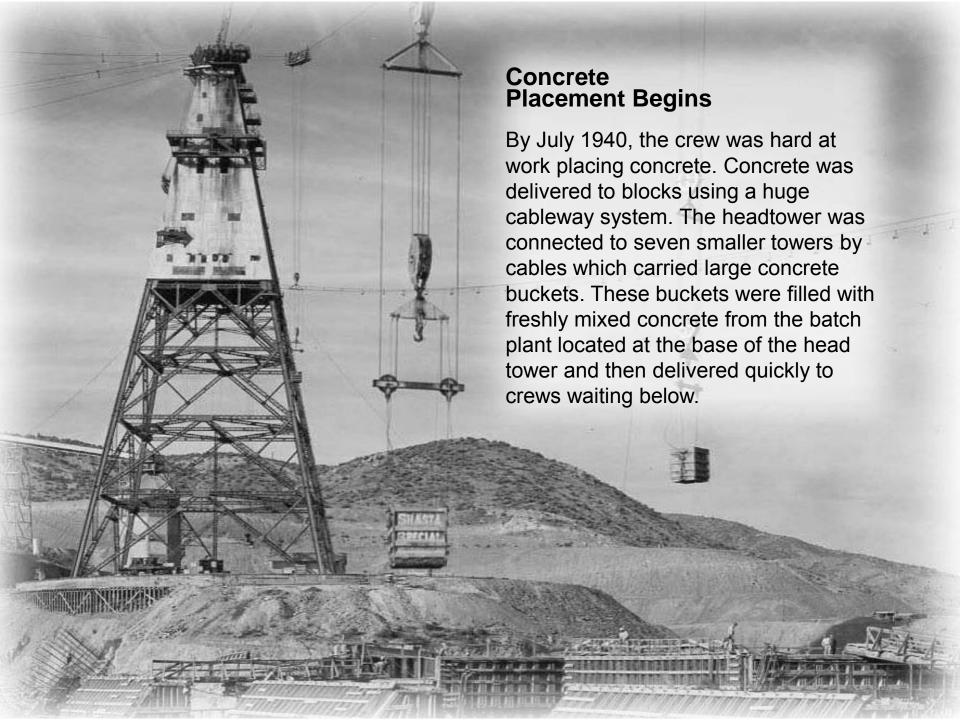
The early phase of dam construction also included moving over 30 miles of Southern Pacific Railroad track which was running right through the dam site. Moving the train was a major undertaking, and required the building of many bridges, trestles and tunnels. One tunnel, shown here, was built right through the hillside to temporarily detour the train around the dam site so excavation of the western abutment could begin. This was just part of a much bigger plan.

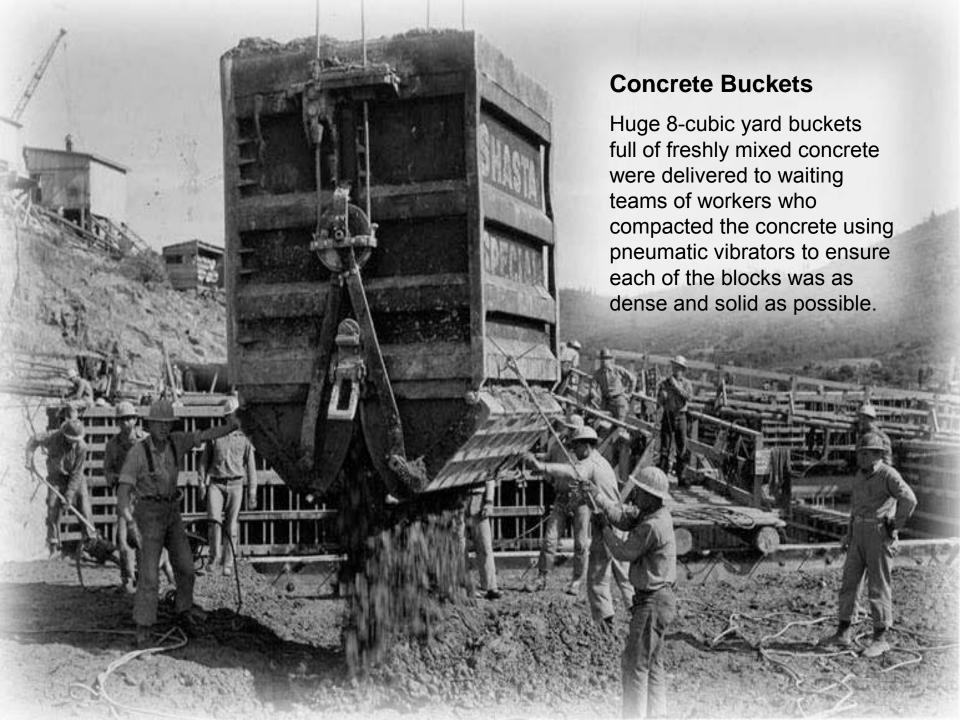


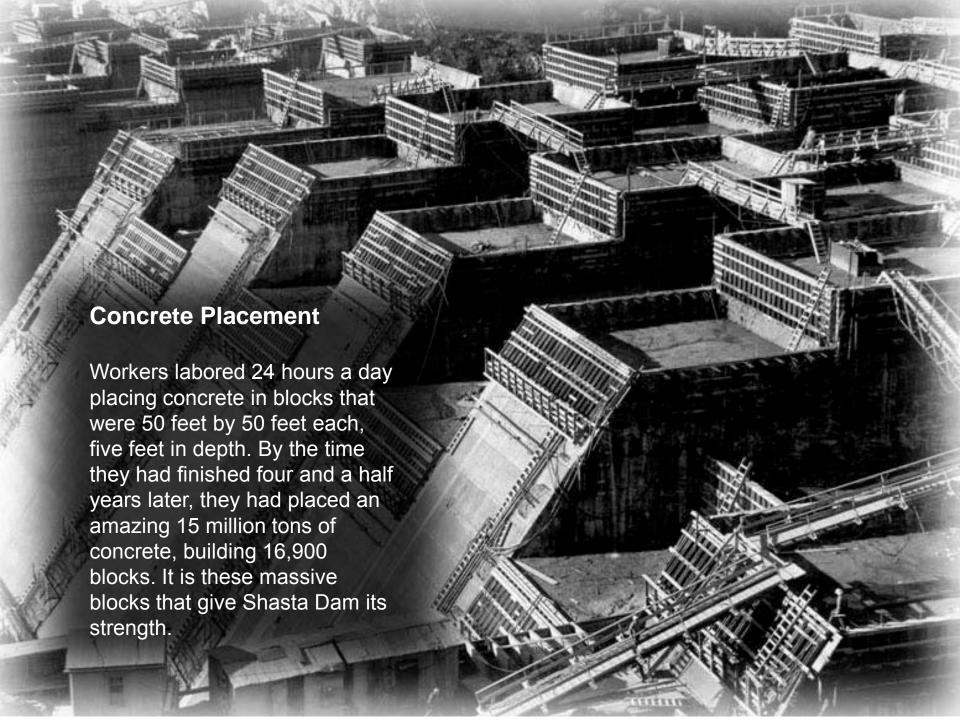


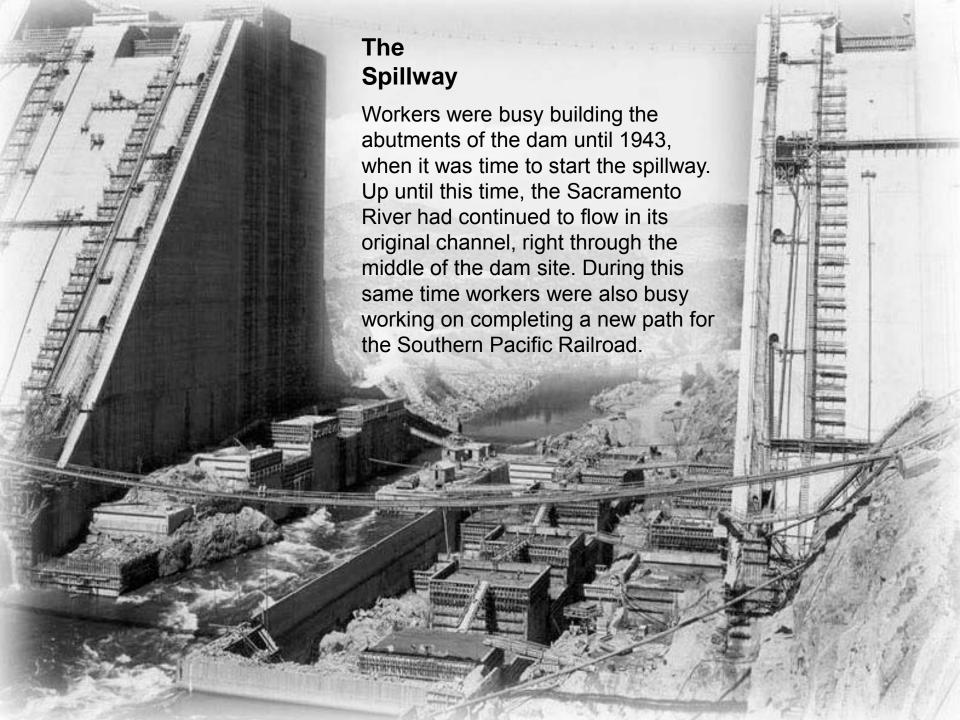


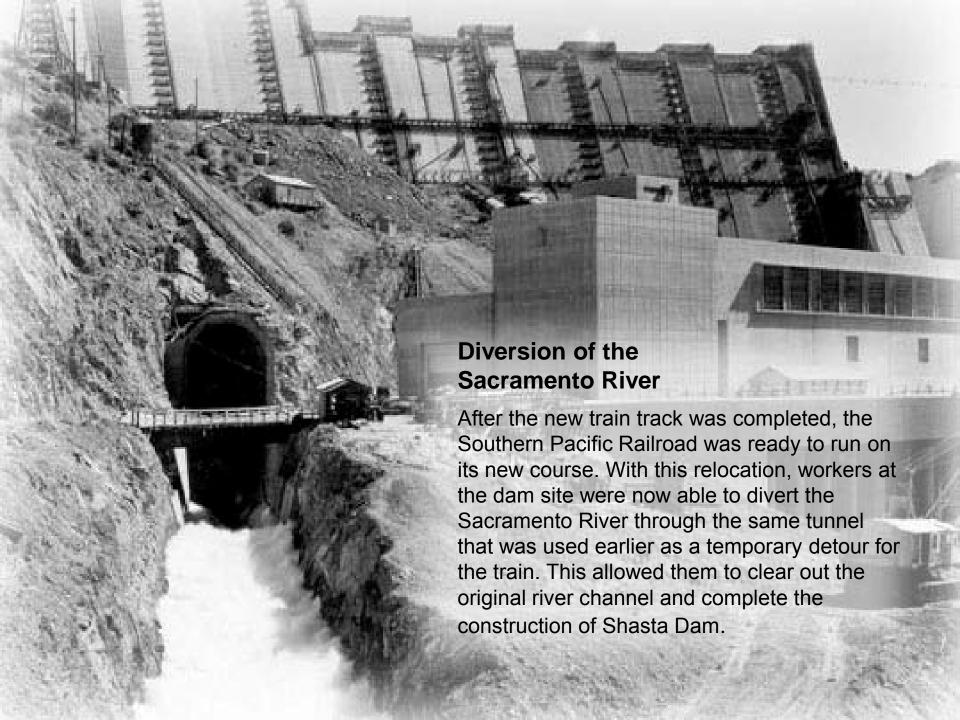


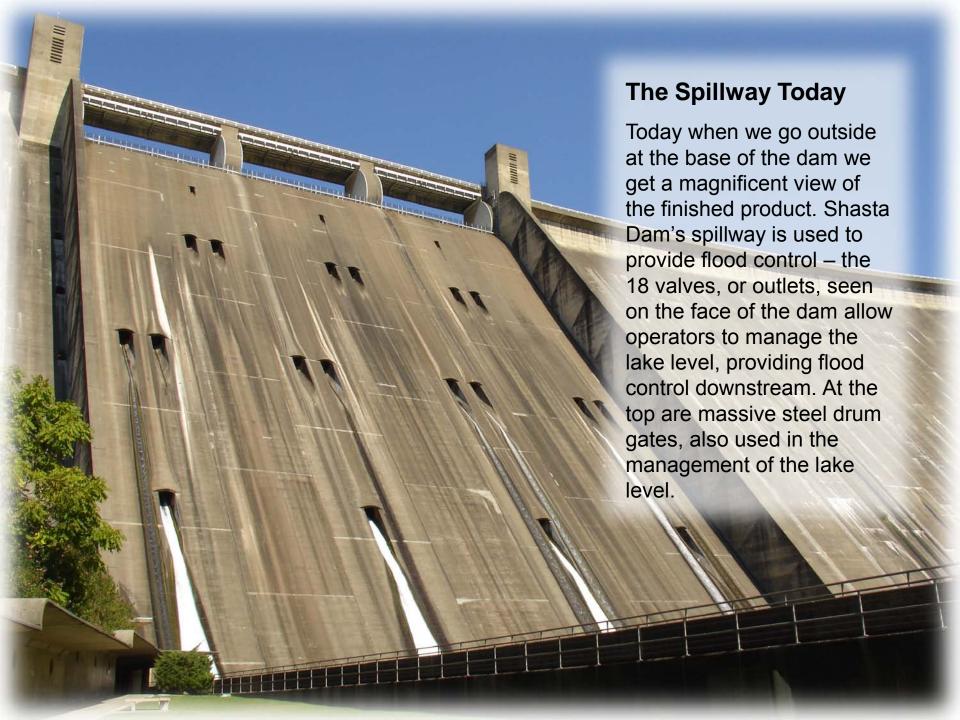


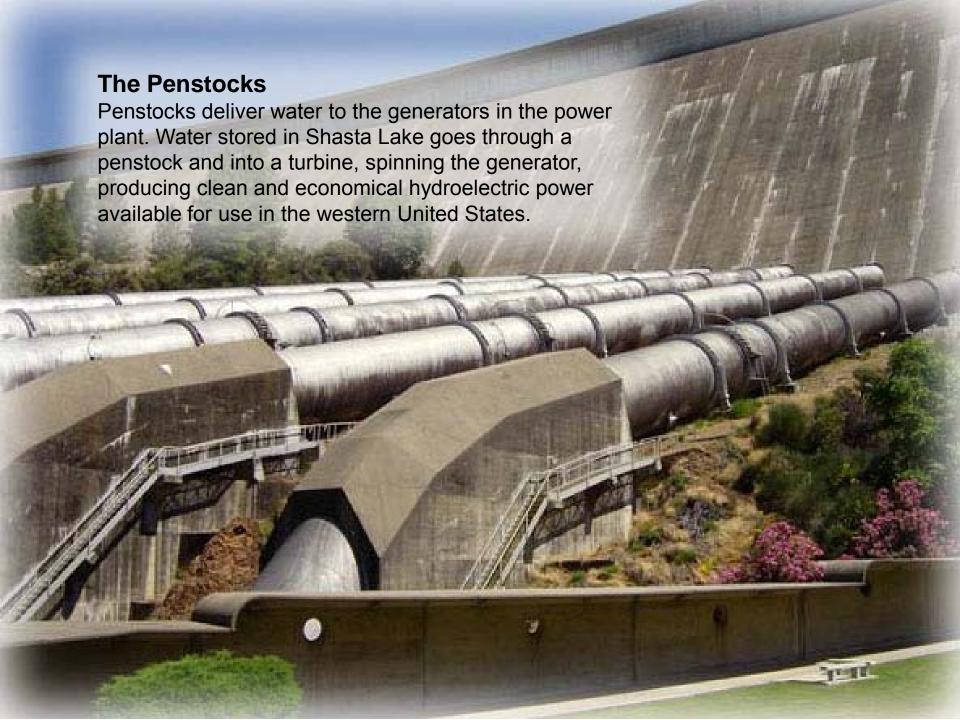




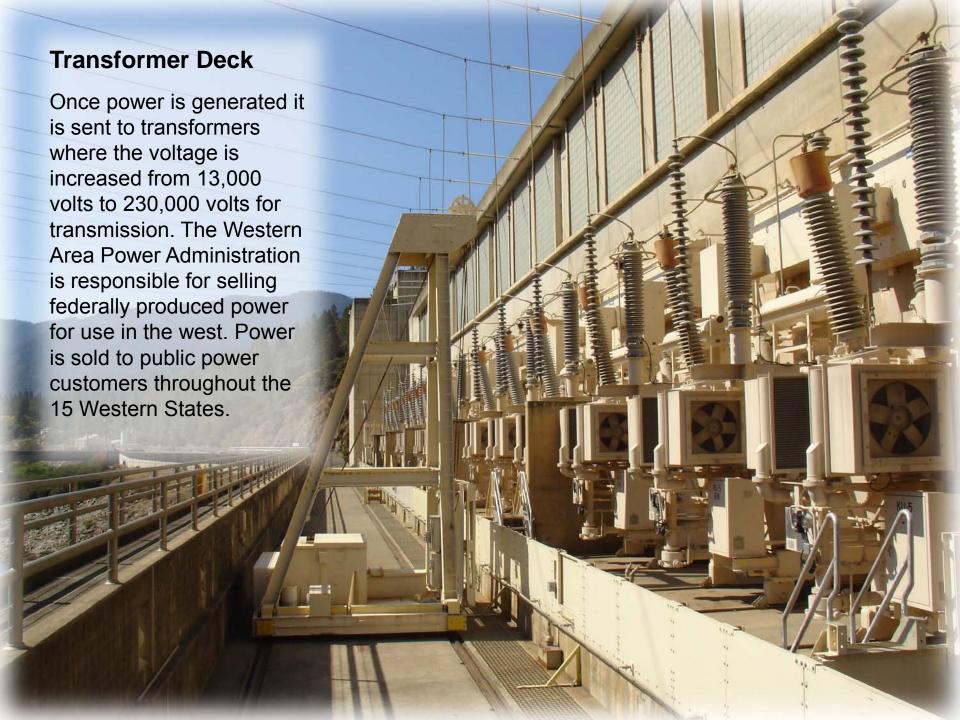












## **Temperature Control Device**

The Temperature Control Device (TCD) was designed to ensure cold water releases to the river, providing suitable habitat for downstream fish populations. Completed in 1997, this underwater construction project is the largest of its type ever built.

With the TCD, managers at Shasta Dam are now able to withdraw water from a range of depths, including the deeper, colder water, sending it through the generators, maximizing power generation, while meeting water commitments and environmental needs downstream.



### Shasta Dam has an amazing story...

...and we want to share it with you! Free guided tours are offered daily except winter holidays. Come join the friendly, knowledgeable guides on a visit through the Nation's second largest concrete dam. Tours include a visit to the power plant as well as the spillway area at the base of the dam. Come join us and learn more about the history and continued importance of this amazing structure!

#### PLEASE NOTE: The following items are restricted and <u>not</u> allowed on the tour:

- \*Electronic devices such as music players and hand-held games.
- \*Bags of <u>any</u> kind including purses.
- \*Weapons of <u>any</u> kind, including pocket knives.

We appreciate your support of these security measures.

For tour information contact:
Bureau of Reclamation
16349 Shasta Dam Boulevard
Shasta Lake, CA 96019
530-275-4463

## RECLAMATION