



U.S. Army Corps  
of Engineers  
Sacramento District

# The Sacramento River Flood Control Project, Upper Sacramento Area Phase V

Selected For The

ASCE Sacramento Section 2005 Outstanding Engineering Project Award.



Photos 1-9: Left to Right and Top to Bottom

1. Colusa County – Founded in 1850 at the time of Statehood.
2. Suction Levee under construction at Vann’s Station – January 4, 1916.
3. Suction Dredge used to Construction Levee’s along the Sacramento River
4. Sandy material used to construct levees – prone to seepage under high river stage.
5. 1915 Flood – Dolan Break 9:30 AM, February 5, 1915.
6. Upper Sacramento Phase V Project Construction Team, Summer 2005
7. Cutoff wall excavated to depths of 40 feet through the levee crown.
8. Excavation spoils temporary stored along the levee section during construction.
9. Soil-Cement-Bentonite (SCB) mixing with excavation spoils for construction of cutoff wall.

Entry Submitted By:

Col Ronald N. Light, District Commander and  
Larry J. Smith, P.E. F.ASCE, Resident Engineer  
U.S. Army Engineer District, Sacramento, California

## Project Partners

U.S. Army Corps of Engineers - Sacramento District  
Sacramento West Side Levee District  
State of California - DWR  
Colusa County  
City of Colusa  
DD-M Crane and Rigging  
Envirocon, Inc.



AMERICAN SOCIETY  
OF CIVIL ENGINEERS



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Outstanding Project of the Year 2005

for:

Sacramento River Flood Control Project  
Upper Sacramento Area Phase V

Presented to:

State of California, Department of Water Resources

and

U.S. Army Corps of Engineers

A handwritten signature in blue ink that reads "Joyce E. Copelan".

Joyce Copelan, P.E., President  
ASCE, Sacramento Section



A handwritten signature in blue ink that reads "Alfred R. Mangus".

Alfred R. Mangus, P.E., Awards Chair  
ASCE, Sacramento Section

February 2006

