

## Yolo Bypass Sediment Removal

A HOCHTIEF Company

### Owner

California Department of Water Resources

### Location

Woodland, CA

### Value

\$5,900,000

### Market

Environmental

### Start - Completion Dates

8/2006 - 12/2006

- Removal of approximately one million cubic yards of sediment
- Increased capacity of the Yolo Bypass, a managed floodplain for the Sacramento River
- Accelerated schedule; Moved 20,000 cubic yards of sediment per day

## Project Description

Flatiron removed approximately one million cubic yards of sediment from the Yolo Bypass—a managed floodplain for the Sacramento River—to increase the floodplain's capacity.

Due to environmental restrictions, all one million yards of sediment were removed during a two-month period. Moving this large volume of soil in the required time frame required 16 Caterpillar 637 scrapers working 10-hour days, six days a week. Flatiron moved an average of 20,000 cubic yards of material per day.

Flatiron used GPS technology for all pre-job, progress, and post-job topographies to accurately determine production rates and quantities. This eliminated the need for multiple grade checkers and associated equipment on the ground, which reduced risks and improved the site's safety.

### Company Role

Flatiron was the prime contractor for this project.

