



FEATHER RIVER SETBACK LEVEE YUBA COUNTY, CALIFORNIA

Sponsor:	Three Rivers Levee Improvement Authority (TRLIA)
Constructed:	In progress: started July 2008 – Completed in 2009
Design:	GEI Consultants, Inc.
Certification:	Scheduled to be certified in 2010
Contractors:	Teichert Construction (prime contractor), with primary subcontractors Envirocon (soil-bentonite cutoff wall) and Syblon-Reid (pump station)
Cost:	\$165M <i>estimated</i> (permitting, design, construction, construction management, land acquisition, right-of-way easements, environmental mitigation and contingency)
Revenues:	\$129.4M – California Proposition E (2008 Early Implementation Project) \$35.6M – Local Funding (Yuba County, Yuba County Water Agency, Reclamation District 784 & Landowners)
Flood Protection:	Designed to provide a 200-year level of flood protection
Benefits:	New engineered levee built on good soil foundation Widens river channel to allow better flow Eliminates water flow choke point Replaces current defective levee Expands floodplain by 1,500 acres, benefiting several threatened and endangered species including: Swainson's hawk, yellow-billed cuckoo, valley elderberry longhorn beetle and Chinook salmon
Construction Info:	Height: 20 to 30 feet Length: 30,300 feet (5.7 miles) Soil-Bentonite Clay cutoff wall: 4.9 miles, 50 to 75 feet deep Fill: 3.6 million cubic yards (would fill a football field almost one-half mile deep) Relief Wells: 33 wells at 47 to 72 feet deep Landside Stability Berm: 5,300 feet Waterside Stability Berm: 4,300 feet Relocate and reconstruct RD784 Pump Station 3