

THREE RIVERS LEVEE IMPROVEMENT AUTHORITY

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THREE RIVERS LEVEE IMPROVEMENT AUTHORITY
Project Status Report dated October 10, 2006
(Submitted to The Reclamation Board for the October 20, 2006, meeting)

A progress report of the various phases of the Three Rivers Levee Improvement Authority (TRLIA) project is provided in the followings sections of this document.

Levee Design and Construction Work

Phase 2 Levee Repair - Bear River Station 131 and easterly, Western Pacific Interceptor Canal and Yuba River from just east of Highway 70 to the Union Pacific Railroad: Pump Station No 6 replacement is nearing completion with final mechanical and electrical work to be completed in November 2006. Work remaining for the WPIC levee is the placement of rock riprap for wave wash protection. TRLIA is constructing additional seepage berms along the upper Bear River to address shallow sand layers discovered during construction. Construction of these berms is scheduled to be completed along with all other Phase 2 levee work in November 2006. Once complete, the Bear and WPIC levees will provide 200-year protection.

Phase 3 Construction – Bear River Setback Levee between the Feather River Levee and the limit of Phase 2 construction: Work remaining is completion of the relief wells. A ribbon cutting ceremony will be held on October 27. Restoration of the setback area is underway. TRLIA has reached agreement with the Fish and Wildlife Service that would allow removal of elderberries in the restoration area during future maintenance actions.

Phase 4 – Yuba River Levee between the Union Pacific Railroad and the Goldfields: Construction continues on the slurry wall installation between the Union Pacific Railroad and Simpson Lane. The contractor is working seven days a week, twenty-four hours a day to complete repair of this important reach of levee before the flood season. TRLIA had planned to complete the levee profile to provide three feet of freeboard above the 200-year flood event. Special Condition 15 of our Encroachment Permit does not allow this design criteria to be implemented. This item is a separate topic on the Reclamation Board agenda.

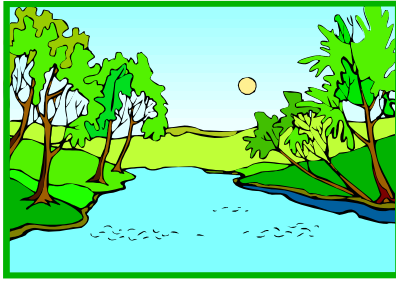
Phase 4 – Feather River Levee between Bear and Yuba Rivers: TRLIA has divided this reach of levee into three segments. Segment 1 is from the Bear River Setback Levee (Project Levee Mile (PLM) 13.3) to Star Bend (PLM 17.1). Segment 2 is from Star Bend to a mile north of Murphy Road (PLM 23.6) and Segment 3 is from Murphy Road to the junction with the Yuba River South Levee (PLM 26.1) and the portion of the South Yuba Levee from PLM 0.0 to 0.3. Design continues on Segments 1 and 3 which will be

strengthened in place. This work is scheduled for construction in 2007. TRLIA has met with the Corps of Engineers to discuss seepage problems in the Corps recently remediated Site 7 Extension reach (PLM 13.3 to 15.1). The Corps is evaluating opportunities to take corrective action, if required in this reach. TRLIA consultants have completed a draft report that discusses the foundation problems and a proposed solution in the vicinity of Pump Station 3 (Project Levee Mile (PLM) 18.1). This report is under review by TRLIA, DWR and the Corps of Engineers. TRLIA proposes to obtain additional geotechnical information and initiate a groundwater monitoring program in this area to obtain more information to assist understanding of the foundation problem and guide design of a solution.

CEQA documentation for Phase 4 Feather levee improvements is in progress. The public comment period closed on September 18, 2006 and the TRLIA Team is preparing responses to comments and revising the report to prepare to issue the final document. Consideration of the EIR and a decision on the Phase 4 Feather levee improvements is expected in November.

Operation and Maintenance

TRLIA recognizes that maintenance is important to ensure that the levees continue to provide reliable flood protection. TRLIA is coordinating with RD 784 in updating Operation and Maintenance Manuals for the newly repaired and constructed levee features. TRLIA is also assisting in determining which maintenance actions may need updating or require more emphasis. An engineering firm has been hired to determine who benefits from the flood protection and what an equitable assessment should be to pay for the maintenance of these features.



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Supplemental to Project Status Report dated October 10, 2006

(Submitted to The Reclamation Board for inclusion in the October 20, 2006, meeting agenda)

Levee Design and Construction Work – Updates since October 10, 2006 report

Phase 2 Levee Repair - Bear River Station 131 and easterly, Western Pacific Interceptor Canal and Yuba River from just east of Highway 70 to the Union Pacific Railroad: No additional information.

Phase 3 Construction – Bear River Setback Levee between the Feather River Levee and the limit of Phase 2 construction: No additional information.

Phase 4 Yuba River Levee between the Union Pacific Railroad embankment and the Goldfields: Slurry wall trenching and installation is complete. Top of levee restoration is underway with final design profile to be determined by Reclamation Board Action on raising of the levee.

Phase 4 Feather River Levee between Bear and Yuba Rivers: The 35% Plans and Specifications submittal for Segments 1 and 3 is under review by TRLIA, the Corps and DWR. A meeting has been scheduled with the Corps and Reclamation Board Staff for October 31, 2006 to discuss the Section 408 approval process, should a setback levee be chosen as the repair alternative for Segment 2.

Operation and Maintenance

No additional information.

- **Building Permits Issued in Plumas Lake Specific Plan Area and North Arboga Study Area in 2006:** The attached table and graph provides information related to residential building permits issued for the Plumas Lake Plan Area (PLSPA) and the North Arboga Study Area (NASA) within Yuba County in 2006.

As shown in the table, a total of 509 building permits have so far been issued in 2006.

- Table - Permits issued within PLSPA and NASA in 2006
- Graph – Building Permits Issued in TRLIA Project Area

Plumas Lake Specific Plan Area and North Arboga Study Area - Building Permits Issued in 2006

Developer/Builder	Monthly Building Permits Issued for Plumas Lake and North Arboga Study Area																								Total (By Builder)
	Jan-06		Feb-06		Mar-06		Apr-06		May-06		Jun-06		Jul-06		Aug-06		Sep-06		Oct-06		Nov-06		Dec-06		
	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	
KB Homes North Bay									10																19
Cresleigh Homes	11										6					3									34
Forecast Homes/K Hovnanian	26		21								5				18					60					107
Homes by Towne/HBT Constr.													1												1
Beazer Homes																									0
California Homes/Home Builders					44				3																47
Cassano Kamilos Homes																									0
D.R. Horton/Western Pacific	47		23																						70
Other					33					3				2	35	13	3		137	5					231
Monthly Totals	84		44		77		0		16		11		3		69		3		202						

Thru 10/13/06

Total permits issued between 1/01/06 and 10/13/06

509

**Total number of permits issued for Elevation 62.1 lots
(All issued to KB Homes' River Glen development within NASA)**

Total number of permits issued for model home lots (i.e., homes that will not be occupied in the near future)

**Number of permits issued out of an allowable total of 700 for 2006
(i.e., total permits issued, less those issued for Elevation 62.1 lots and for model lots)**

509

**Number of remaining 2006 permits
(out of a total of 700)**

191

Building Permits Issued in TRLIA Project Area

