



THREE RIVERS LEVEE IMPROVEMENT AUTHORITY

1114 Yuba Street, Suite 218
Marysville, CA 95901
(530) 749-7841 Fax (530) 749-6990

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Project Status Report dated March 7, 2008

(Submitted to The Central Valley Flood Protection Board for the March 21, 2008 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. Updates are indicated with italics and underline.

1. Levee Design and Construction Work:

a. **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:**

- 1) The State Reclamation Board staff is still processing the encroachment permit application submitted March 5, 2007 for the Caltrans detention basin as approved at the February 2007 Reclamation Board meeting. There is no change to this item since the last TRLIA report.
- 2) TRLIA committed to the Corps of Engineers to conduct a field investigation and properly abandon, if required, the CMP located under the WPIC levee near Sta. 264+60. This work was planed to be completed jointly by TRLIA and RD 784 as normal maintenance no later than November 1, 2007. Environmental clearances were obtained to do this work. Negotiations with the landside landowner for right-of-entry along the toe of the levee were not successful. TRLIA was not able to meet it's commitment to the Corps to locate this culvert by November 1, 2007. TRLIA will take any necessary actions in 2008 to obtain the needed right of entry so that it can meet its commitment this year. There is no change to this item since the last TRLIA report.
- 3) This same landside landowner (see 1a2) has constructed a fence across the WPIC levee that was not in place at the time TRLIA initiated the projects. This fence has not been permitted by the Reclamation Board. A member of the Reclamation Board has volunteered to help TRLIA resolve differences with this landowner. RD 784 reported to TRLIA that cows grazing on the levee behind these fences are damaging the levee surface due to the winter wet soil conditions. TRLIA contacted the landowner (attorney to attorney) to have the cows moved off the levee during the wet season. The cows are currently not on the levee. The levees will be assessed to determine repairs required due to damage from the cattle

during the wet weather. It is the intention of TRLIA and RD 784 to pass these repair costs on to the landowner that caused the damage.

b. Phase 4 – Yuba River Levee between the Union Pacific Railroad and the Goldfields:

- 1) Design on the erosion problem that exists just downstream of the Goldfields has been placed on hold until agreement on the water surface profiles along this reach of the levee can be reached with the Corps of Engineers. TRLIA and the Corps met again to discuss hydraulic modeling of the Upper Yuba. TRLIA provided information on river profiles assuming no training levee along the Yuba River. The Corps was to evaluate discharges from the Yuba Goldfields, but have not completed this task. Due to Corps resource constraints, TRLIA may do this analysis as well to determine the most likely profile along this reach of Yuba levee.

c. Phase 4 – Feather River Levee between Bear and Yuba Rivers:

1) Segment 1 & 3:

- a) Construction bids for TRLIA Segments 1 and 3 have been opened. Bids were below the Engineer's Estimate. The encroachment permit for this work was approved at the June 8, 2007 special Reclamation Board meeting. TRLIA issued an initial Notice to Proceed for \$2.6 million (combination of Landowner and TRLIA funding) of Segment 3 construction. Late notification of potential additional funding from Propositions 1E and 84 did not allow additional construction during the 2007 construction season. The remainder of Segment 3 and Segment 1 will be constructed in 2008. As reported during the October 2007 Reclamation Board TRLIA monthly update, on October 4 it became apparent that portions of the trench wall had collapsed into the slurry wall trench that was under construction. Excavation was terminated and placement of the slurry wall initiated. Because of concerns of how well the trench may have filled, TRLIA has constructed a reinforcement berm in this reach while a final repair for this area is determined during the winter. This incident and the proposed temporary repair were coordinated with Reclamation Board staff and the existing encroachment permit (No. 18170 BD) was modified to encompass this change. Construction of the Segment 3 portion that received the notice to proceed, including the reinforcement berm, was completed. The completed levee work is being inspected for erosion damage during winter rains and erosion prevention measures are being maintained as a routine operations and maintenance activity. There were no problems during the recent weather storms.

2) Segment 2:

- a) The "Issued for Approval" design documents and plans and specifications were completed and delivered on January 31. TRLIA held a Board of Senior Consultants Meeting on February 19. The Corps and DWR Engineering staff attended this meeting. TRLIA received Corps and DWR Engineering comments on this final design submittal and is resolving a few minor

- comments before revision and providing the “Issued for Construction” plans and specifications and final addendum to the design documents in early April.*
- b) TRLIA advertised the construction contract for Segment 2 on August 15, 2007. TRLIA opened bids for this contract on October 12. The apparent responsible low bidder was Teichert Construction. Award of Schedule A (Contractor involvement in design finalization) was approved by the TRLIA Board on October 30, 2007. TRLIA plans to award Schedules B thru E once funding is available from Prop 1E, necessary authorizations are received, and weather indicates that construction can begin. The delay in State Prop 1E/84 funding has impacted the schedule for land acquisition for segment 2 and the overall schedule. *Under schedule A TRLIA continues to meet with Teichert Construction in order to obtain and incorporate its construction expertise into the final plans.*
- c) Corps HQ has directed that Section 408 approval be obtained before any Section 404 permits are issued for the setback levee construction. The Board approved letting the General Manager send the Corps a Section 408 request once the Corps determined that adequate information is available to make the request. TRLIA has submitted a Summary Report in support of the Section 408 request and a Draft EA for the setback levee to the Corps and Reclamation Board for their early review. In December 2007 the General Manager sent the 408 request letter to the Corp. *The Corps has determined that an EIS is required to support the Section 404 and 408 approvals. TRLIA is working with the Corps to prepare and process an EIS. The schedule to complete this process and sign a Record of Decision (ROD) is September 20 to October 19, 2008 although TRLIA believes that certain efficiencies can result in a ROD being issued one to two months earlier. TRLIA has proposed to the Corps and DWR a plan that would allow construction to still commence in April if weather allows. TRLIA proposes to work only in those areas outside the Corps’ jurisdictional authority (outside wetlands and tie-ins to the existing levee) until the EIS is complete and the necessary federal approvals and permits are issued. This would allow TRLIA to do construction in nearly 80% of the levee footprint while the federal actions are being accomplished. Implementation of this phased construction approach could still result in the setback levee being completed in 2008. This phased construction approach is on the March 2008 CVFPB agenda for consideration and approval.*
- d) At the December 2007 Reclamation Board meeting the Reclamation Board authorized the General Manager to provide an encroachment permit for the setback levee once the final plans have been reviewed and approved. *The draft permit was available for review on February 13. TRLIA reviewed the permit and met with CVFPB staff to discuss some proposed revisions. Many of the revisions would address TRLIA’s proposal to start work in areas not subject to Section 408 approval as discussed above. This proposal will also be presented to the Board on March 21 to seek approval for a permit that would accommodate this approach.*

2. Levee utility crossings to meet current Corps and State of California Criteria:

TRLIA continues to work on updating utility crossings as a condition of certification from the Corp of Engineers. The following actions continue to be taken:

- a) Missing crossing markers at the utilities are being investigated and will be replaced as needed. Missing utility markers have been identified. Letters were sent to Sprint and AT&T asking them to field mark their utilities. No response has been received from these utilities and no markers have been provided. Additional contacts have been made with the utilities to emphasize the importance of getting these crossings marked. Qwest crossing markers were found in the field but no record of this crossing is in the levee log. Qwest has supplied information on this utility crossing that is located in the UPRR right of way. This crossing is below the 100 year and 1957 design water surface elevation. It is unknown if Qwest obtained an encroachment permit for this crossing. The information on the Qwest crossing has been supplied to the Reclamation Board staff with a request to determine if an encroachment permit was issued and to obtain their opinion as to what needs to be done due to the low crossing invert. A status report on the Qwest issue has been provided to the Board for information.

3. Funding Update:

- a) The 1st amendment to the Second funding agreement is nearing completion and was approved at the February 19th TRLIA Board meeting and the March 4 Yuba County Board of Supervisors' Meeting. The Parties are now working to obtain signatures from all of the participating landowners. The amendment outlines the source of local funding for the EIP TRLIA project.
- b) DWR and TRLIA are nearing completion of the EIP funding agreement.

In response to DWR's EIP notification to provide TRLIA \$138.51 Million of State Prop 1E/84 funding for the Feather River project, Three Rivers has presented a financial plan demonstrating local share (\$53.3 Million) to DWR. Local share consists of \$30 Million in future capital calls from Participating Landowners, and \$23.3 Million from the County of Yuba. TRLIA anticipates that DWR will be ready to provide Prop 1E/84 funds for proceeding with work along the Feather River levee in December. This delay in funding is a significant challenge to our schedule and causing us to have to re-evaluate our schedule. We continue making strides in obtaining rights of entry which allow us to move ahead with some land access without significant current budget expenditures. Once we receive confirmation of our Proposition 1E award, we will be in a better position to brief you on the schedule implications from the delay in State funding.

4. Building Permits Issued in Plumas Lake Specific Plan Area and North Arboga Study Area in 2007:

- a) 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 2008.
- b) As shown in the table, a total of 4 building permits have so far been issued in 2008. No permits were issued in February of 2008.

Plumas Lake Specific Plan Area and North Arboga Study Area - Building Permits Issued in 2008

| Developer/Builder | Monthly Building Permits Issued for Plumas Lake and North Arboga Study | | | | | | | | Total (By Builder) |
|--------------------------------|--|------|----------|------|----------|------|----------|------|-----------------------|
| | Jan-08 | | Feb-08 | | Mar-08 | | Apr-08 | | |
| | Plumas | NASA | Plumas | NASA | Plumas | NASA | Plumas | NASA | |
| KB Homes North Bay | | | | | | | | | 0 |
| Cresleigh Homes | | | | | | | | | 0 |
| Forecast Homes/K Hovnanian | 3 | | | | | | | | 3 |
| Homes by Towne/HBT Constr. | | | | | | | | | 0 |
| Beazer Homes | | | | | | | | | 0 |
| California Homes/Home Builders | | | | | | | | | 0 |
| Cassano Kamilos Homes | | | | | | | | | 0 |
| D.R. Horton/Western Pacific | | | | | | | | | 0 |
| Other | | 1 | | | | | | | 1 |
| Monthly Totals | 4 | | 0 | | 0 | | 0 | | 4 |

As of Feb. 29, 2008

Total Permits for 2008 4

Building Permits Issued in TRLIA Project Area

