



November 24, 2008

**To: YLFA Board Members**  
**From: Paul Brunner, TRLIA Executive Director**

**RE: TRLIA Project Summary Report for YLFA**

➤ Work Overview & Schedule Update

- Contract work is winding down and nearing completion for this year on Segments 1, and 3 (contractor is Nordic)
  - Encroachment period work time frame for Segments 1 & 3 was extended to November 23. Segment 3 was completed. Segment 1 relief well plumbing is still underway and permit is being extended to December 15<sup>th</sup>.
  - Levee Monitoring and soil borings work is being accomplished on Segment 1 crack just south of Star Bend
- Contract work proceeding on Segments 2 – Setback (contractor is Teichert)
  - All setback work underway, except for tie-ins – work will continue until weather prohibits continuing (cannot effectively move and compact wet soil/mud)
  - Non Tie-in Slurry Wall work was completed.
  - Recent rains in early November did stop earth work for approximately one week. Back in operation now.
  - Corps schedule for completion of FEIS, 408 approval, and 404 permit **remains** 1<sup>st</sup> week of December, 2008.
  - Tie-in work will be delayed to next year. Anticipate being able to certify levee system prior to FEMA maps go final.
  - New Cultural site found on Segment 2 near Star Bend – determining impact.
  - Levee degradation scheduled for next year – encroachment permit application submitted to CVFPB

➤ Key Cost Elements

- Feather River Segments 1, 2, and 3 work within projected cost estimates
- Current Project Contingency is \$8.3 million (down from \$9.8 million) – see recent project changes in next section.
- ROW Acquisition – no change in budget status – Right of entry obtained for all key land acquisitions
- TRLIA has submitted a request to DWR to share in the cost of Segment 1. Currently all of Segment 1 is local funded. DWR continues to review the request.

- Recent Project Changes - payment via project contingency
  - Segment 1 crack. TRLIA engineers are working with Corps and DWR on solution.
    - Additional monitoring and soil field work added to GEI contract (Cost: \$252,000)
    - Fix to crack is planned for next May, 2009 (estimated Cost: \$300,000)
  - Additional Segment 2 cultural work added to GEI contract (Cost: \$61,500)
  - Additional Segment 2 non GEI design, permitting, and CM costs next 1.5 years (Cost: \$460,000)
  - Design and permitting work for Segment 3 erosion site added to GEI contract (Cost: \$223,000)
  - Increase project work for Segment 2 on site wetlands mitigation (Cost: \$200,000)
  - Degradation & Tie-in – per-unit prices fixed but will be subject to fuel price surcharge; **however, fuel prices have decreased significantly to below original bid value.**
  - Certification requirements & timing – approach being discussed with Corps (meeting set for January 12, 2009)
  
- Future Potential Cost Elements
  - Yuba levee, approach to repair & cost – still being assessed.
    - Recent TRLIA hydraulics report indicate higher water levels on Yuba River Patrol Road levee, which could indicate more improvements necessary.
    - Results from field work and engineering analysis anticipated next year (March timeframe)
  
  - 200 year certification threshold – potentially new criteria from DWR, being assessed
  
- TRLIA Assessment District Status
  - Survey scheduled mailed Nov 10, 2008
  - Ballots scheduled to be mailed in Feb 09