



THREE RIVERS LEVEE IMPROVEMENT AUTHORITY
Yuba County Government Center, Board Chambers
915 Eighth Street, Suite 109A
Marysville, California

SPECIAL MEETING
MAY 10, 2011 – 2:00 P.M.

No other business shall be conducted at this meeting. The public shall have an opportunity to address the Authority only with respect to items set forth in this agenda. Each individual or group will be limited to no more than five minutes. Prior to this time, speakers must fill out a “Request to Speak” card and submit it to the Clerk of the Board of Supervisors.

I **ROLL CALL** – Directors Rick Brown, Jerry Crippen, Don Graham, Mary Jane Griego, John Nicoletti

II **CLOSED SESSION**

A. Potential litigation pursuant to Government Code §54956.9(b) – One Matter

III **ACTION ITEMS**

A. Approve minutes of the meeting of April 19, 2011.

B. Award construction contract for the Upper Yuba Levee Improvement Project to lowest responsive and responsible bidder or, in the alternative, reject all bids and authorize the rebidding of the Project. (No background material)

IV **BOARD AND STAFF MEMBERS’ REPORTS**

A. Summary of Construction Change Orders below \$210,000 and above \$25,000

B. Other Reports

V **ADJOURN**

The complete agenda, including backup material, is available at the Yuba County Government Center, 915 8th Street, Suite 109, the County Library at 303 Second Street, Marysville, and www.trlia.org. Any disclosable public record related to an open session item on the agenda and distributed to all or a majority of the Board of Directors less than 72 hours prior to the meeting are available for public inspection at Suite 109 during normal business hours.

In compliance with the American with Disabilities Act, the meeting room is wheelchair accessible and disabled parking is available. If you have a disability and need disability-related modifications or accommodations to participate in this meeting, please contact the Clerk of the Board's office at (530) 749-7510 or (530) 749-7353 (fax). Requests must be made one full business day before the start of the meeting.



THREE RIVERS LEVEE IMPROVEMENT AUTHORITY

April 19, 2011

MINUTES

A meeting of the Board of Directors of the Three Rivers Levee Improvement Authority (TRLIA) was held on the above date, commencing at 2:00 p.m., within the Government Center, Marysville, California, with a quorum being present as follows: Directors Rick Brown, Jerry Crippen, Don L. Graham, Mary Jane Griego, and John Nicoletti. Also present were Executive Director Paul Brunner, Counsel Scott McElhern, and Clerk of the Board of Supervisors/Secretary Donna Stottlemeyer. Chair Griego presided.

- I ROLL CALL – Directors Rick Brown, Jerry Crippen, Don Graham, Mary Jane Griego, John Nicoletti – Director Graham absent.
- II CLOSED SESSION: The Board retired into closed session at 2:01 p.m. to discuss the following:
- A. Pending litigation pursuant to Government Code §54956.9(a) regarding:
- i. TRLIA vs. Mann (Yuba County Superior Court Case No. YCSCCVED 07-0000438)
 - ii. TRLIA vs. Bains (Yuba County Superior Court Case No. YCSCCVED 10-0000977)

Director Graham joined closed session at 2:04 p.m.

The Board returned at 2:21 p.m. with all present as indicated above. There was no reportable action.

- III PUBLIC COMMUNICATIONS: No one came forward.
- IV CONSENT AGENDA: All matters listed under the consent agenda are considered to be routine and can be enacted by one motion.

MOTION: Move to approve Consent Agenda MOVED: Jerry Crippen SECOND: John Nicoletti
AYES: Rick Brown, Jerry Crippen, Don Graham, Mary Jane Griego, John Nicoletti
NOES: None ABSTAIN: None ABSENT: None

- A. Approve minutes of the meeting of April 5, 2011. Approved.

V ACTION ITEMS

- A. Award contract to T.A. Luker Engineering, responsible low bid, in the amount of \$91,450 for pump, tank, and associated facilities for Casa Mia Mobile Park and authorize the Executive Director to execute same. Executive Director Paul Brunner responded to Board inquiries.

MOTION: Move to approve MOVED: John Nicoletti SECOND: Jerry Crippen
AYES: Rick Brown, Jerry Crippen, Don Graham, Mary Jane Griego, John Nicoletti
NOES: None ABSTAIN: None ABSENT: None

VI BOARD AND STAFF MEMBERS' REPORTS

Director Griego: Commended Mr. Brunner on Pancake Breakfast for fisherman at Star Bend held April 16, 2011

Executive Director Paul Brunner:

- Past change orders for Phase 4 Feather River Set Back Levee Project
- Community meeting for Upper Yuba River Project held April 6, 2011
- Status of pending Section 104 credit approval on the Upper Yuba River Project
- Bid release for Upper Yuba River Project
- Channel KVIE interview list for documentary

VII ADJOURN: 2:39 p.m. by Chair Griego.

Chair

ATTEST: DONNA STOTTEMEYER
CLERK OF THE BOARD OF SUPERVISORS
AND SECRETARY OF THE PUBLIC AUTHORITY

Approved: _____



THREE RIVERS LEVEE IMPROVEMENT AUTHORITY

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May 10, 2011

Memo To: Three Rivers Levee Improvement Authority Board
FROM: Paul Brunner, Executive Director
Doug Handen, Construction Manager
SUBJECT: Informational Item Phase 4 Feather River Set Back Levee Project
Summary of Changes below \$210,000 and above \$25,000 authorized by the
Executive Director - Contract No. PH4-2007-08-01- Modification #8.

At the April 7, 2011 TRLIA Board meeting TRLIA staff was asked to provide a summary of the approved construction contract changes below \$210,000 and above \$25,000 that have been authorized by the Executive Director. Below are the items recently approved on April 11, 2011:

1. South Tie-in Access for TRLIA

Summary and Reason for Modification: Yuba County, and the Department of Fish and Game requested public access at Star Bend during construction which was not required in the construction contract. Providing access included extra fencing, cleanup and acceleration costs. Access was installed and removed more than several times. Acceleration included using closer material sources, phasing and overtime costs. Work was directed during weekly progress meetings by TRLIA. Costs paid on T&M basis. \$28,722.89

2. Furnish & Install Modified Type B Manholes

Summary and Reason for Modification: RD784 requested that the Type B manhole diameters be expanded to better accommodate their workers. Due to the manhole size change, portions of the backfill were replaced with 3000 psi concrete including the outlet drainage laterals. Due to uncontrollable inefficiencies in the work, payment was made at a negotiated price. Instead of performing the work under the contract item, the work was paid as a change order on T&M basis. \$88,000.00

3. Additional Relief Well Development and Pump Testing

Summary and Reason for Modification: Relief well numbers 11, 12, 13, 15, 16, 19, 24, 26 and 28 required more time to develop than expected under the construction contract. The well development period exceeding 8 hours was considered additional work. Two wells also required extra pump testing and development with an additional method not included in the contract. Costs paid on T&M basis. \$26,445.08

4. Additional Maintenance Roads and Access Pads

Summary and Reason for Modification: RD784 requested additional maintenance roads to connect the existing maintenance roads to the relief well outfall structure and relief wells. The roads are intended to improve accessibility to the RD personnel during flood fights. To reduce

costs recycled aggregate base material was utilized from the setback levee crown repair for these roads. Costs paid on T&M basis. \$115,655.05

5. Levee Degrade Additional Work

Summary and Reason for Modification: These changes pertain to the Platter/JTS Borrow site.

During the 2009-10 winter, the Platter JTS borrow site was sprayed with herbicide to prevent invasive star thistle from growing/spreading per landowner request.

Various work items were identified to be necessary to return the Platter/JTS property to its original condition and complete the landowner agreement between the Platters, JTS and TRRIA. This work included an agricultural road, concrete irrigation pipe removal, drainage ditch and minor grading.

- The agricultural road and drainage ditch were original features of the property before work began. Removal of the concrete irrigation pipe was part of the landowners agreement but was not included in the original contract.
- Because the project construction schedule was extended, the original topsoil strippings designated to be placed over the backfill were severely decomposed. Consequently, they did not allow for a 6" cover over the entire borrow site as written in the landowners agreement. A new agreement was reached with the landowner to disk the entire borrow site in order to penetrate the top 6" with the topsoil.
- After the Platter/JTS borrow site was backfilled, the site required either a culvert or connection to the existing drainage system in order to prevent drainage water from overflowing and entering the neighboring property. Extra work involved excavating a connection to the existing drainage system for the winter 2010-11 season. Multiple T&M changes orders were accomplished for this work for a total of \$57,822.59.

One change above \$25,000: \$32,185.08

6. Additional Setback Area Well, Irrigation & CA-YUBA-5 Demolition

Summary and Reason for Modification: An additional 15 wells not identified in the original contract were identified in the setback area to be destroyed at the request of DWR. There were also irrigation and well appurtenances that accompanied these wells which were either removed or capped with concrete. A few of the wells also required additional clearing work in order to perform the well destruction work. CA-YUBA-5 standpipe demolition and capping was also included in this change order and was directed in Construction Memo No. 054. Additional well destruction was directed in Construction Memo No. 055. Costs for CA-YUBA-5 standpipe demolition, well appurtenances and the two final wells destroyed (700 LF) were paid in T&M. The other 13 well destructions (2,353 LF) were paid under contract unit pricing. After 125% of the schedule D contract quantity was exhausted (625 LF), the remaining linear footage was paid under this change order (1,728 LF) at the schedule C unit price. Irrigation demolition costs paid in T&M. \$152,198.80

7. Setback Area Culverts, Removal

Summary and Reason for Modification: It was determined that the existing culverts in the setback area were not sufficient for adequate drainage. This work included the installation of the

removed 60" RCP and 120' of new 60" RCP in three separate locations plus excavation of a fourth setback culvert location. Backfill operations to the primary borrow area were discontinued when backfill source options had been exhausted. Costs paid on T&M basis. \$62,160.07

8. Floodplain Swale Drainage & Boulders

Summary and Reason for Modification: This work included boulders, riprap and excavation of drainage swales that were installed at the intersection of the degrade footprint and the Floodplain Swale. The boulders were a necessary precaution to prevent trespassers from driving into the Floodplain Swale. The riprap-lined swales were necessary to handle the large volume of water expected to drain from the footprint through this area. Costs paid on T&M basis. \$64,625.83

9. Non-construction Site Debris Removal

Summary and Reason for Modification: Unknown dumpers left debris around the project site during construction that was not included in the contract. The contractor was directed to remove and dispose of the debris. RD784 requested that access be provided between Segment 2 and Segment 1 through the waterside levee toe access corridor. Providing access included removing a tree and minor road fill. The Contractor was also directed to remove and dispose of a large collection of soil samples used in the project geotechnical analysis and design left in RD784's yard. Costs paid on T&M basis. \$44,755.11

10. Remove Geotextile Fabric Encountered in Degrade 4-01-09 to Complete

Summary and Reason for Modification: A large quantity of geotextile fabric not shown on the contract drawings was discovered inside the degraded Feather River levee. The fabric had to be removed from the levee degrade areas and be disposed. Two changes above \$25,000 that were processed. Cost paid on T&M basis. \$147,070.72

11. Additional Setback Area Drainage Grading

Summary and Reason for Modification: Modifications to the degrade excavation plan were made to increase the amount of backfill available to backfill the borrow areas. These modifications caused possible fish stranding areas in the degraded levee footprint which needed to be graded to drain. Potential fish stranding areas were also identified in other previously undisturbed areas around the setback area which needed to be graded to drain. The Contractor was directed to excavate swales and perform minor grading to mitigate these areas. In order to mitigate these areas, a series of additional swales and minor grading were directed. Costs paid on T&M basis. \$199,143.17

12. Additional Ramp at Station No. 58+00 / Messick Lake Swale

Summary and Reason for Modification: RD784 requested that the landside ramp at Rich Road be decommissioned due to concerns that the steep grade would become a future maintenance problem. The design had necessitated a steep grade as the ramp was constructed on the end of a type A stability berm. It was agreed with RD784 that a new waterside ramp at approximately Station 58+00 would be constructed to provide access to the waterside of the levee. Material for the ramp was obtained from the Messick Lake mitigation area from a required swale. The work included grading the swale. Costs paid on T&M basis. \$31,305.74

13. Erosion Repairs & Protection for Landside Drainage Ditch

Summary and Reason for Modification: This work included erosion protection measures for the landside drainage ditch. Additionally, to prevent storm runoff erosion damage underneath

the railcar bridges, the Contractor was directed to install erosion control blanket material on the drainage ditch slopes beneath the bridges. Costs paid on T&M basis. \$62,124.22