

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

**JULY 20, 2010 – 3:00 P.M.**

**THREE RIVERS LEVEE IMPROVEMENT AUTHORITY**

**Final Budget Hearings – Fiscal Year 2010/2011**

**(Hearing may be continued on a day-to-day basis through July 30, 2010)**

- I        **ROLL CALL** – Directors Rick Brown, Jerry Crippen, Don Graham, Mary Jane Griego, John Nicoletti
- II        **PUBLIC HEARINGS – FINAL BUDGET FISCAL YEAR 2009/2010**
- A.    Executive Director: Present overview and recommendation for Fiscal Year 2010/2011 Final Budget.
- B.    Board of Directors: Consider and discuss Fiscal Year 2010/2011 Budget.
- C.    Public Communication: Receive public comments. Comments will be limited to five minutes per individual or group and may address only those items so identified with Final Budget Hearing.
- D.    Board of Directors: Provide direction to staff and take action as appropriate for Fiscal Year 2010/2011 Final Budget.
- III      **RECESS TO DATE AND TIME CERTAIN OR ADJOURN**

The complete agenda, including backup material, is available at the Yuba County Government Center, 915 8<sup>th</sup> Street, Suite 109, the County Library at 303 Second Street, Marysville, and [www.trlia.org](http://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

1114 Yuba Street, Suite 218

Marysville, CA 95901

Office (530) 749-7841 Fax (530) 749-6990

July 20, 2010

TO: Three Rivers Levee Improvement Authority Board  
FROM: Paul Brunner, Executive Director *(PB)*  
SUBJECT: Acceptance of Budget for Fiscal Year 2010-11

## **Recommended Action:**

Approve the Executive Director's Proposed Budget for Fiscal Year 2010-11

## **Discussion:**

At the June 15, 2010 TRLIA Board meeting the TRLIA Board accepted the proposed 2010/2011 TRLIA Budget and directed the following actions be taken:

1. TRLIA Executive Director to make copies of the Proposed Budget available for inspection by the public.

Action Taken: The proposed budget was made available at the Clerk of Board office and John Packard Public Library in Marysville. A public notice stating the proposed budget was available for review was placed in the Appeal Democrat on July 8<sup>th</sup> advising Budget Hearings were scheduled to begin on Tuesday, July 20, starting at 3:00 pm.

Action Taken: The Budget meeting was scheduled at the Yuba County Government Center Board Chambers for this time and date.

Tremendous levee improvement success was achieved by the TRLIA team with the revenues that were provided by the State and Local Agencies that were approved in last year's TRLIA budget – the Major highlight was the FEMA Levee System Accreditation. I anticipate similar success to be achieved with the proposed expenses that are outlined in this year's Revised TRLIA FY10/11 budget, which is fully funded. This revised proposed budget has been updated since the June 15, 2010 draft to reflect updated actual expenses and revenues that have been incurred and received through the end of FY 09-10. The top changes are described below:

- Updated the actual to budget comparison of the 09-10 budget to reflect actual invoice costs for May and June as well as May Journal Entry expenses.
- Updated the overall project costs to reflect TRLIA Overhead and Admin expenses through FY 11-12 (June 30, 2012), instead of December 31, 2011. TRLIA project expenditures made this adjustment necessary.

- Revised TRLIA Special project costs for FY 10-11 to reflect a reduction in contingency expenses in FY 10-11.
- Revised TRLIA Special project costs for FY 11-12 to reflect a correction in the actual contingency expenses budgeted, the previous budget document incorrectly showed a duplication of the contingency expenses from 10-11 in 11-12.

**Fiscal Impact**

Proposed appropriations for fiscal year 2010-11 total in excess of \$52.7 million, which includes substantial funding from State Prop 1E funding agreements. The expenditures anticipated for the next Fiscal Year are estimated to be in excess of \$46.1 million. This will leave approximately \$6.6 million dollars to continue project work into Fiscal Year 2011-12.

Attachment:

Proposed Final TRLIA Fiscal Year 2010/11 Budget

**THREE RIVERS LEVEE  
IMPROVEMENT  
AUTHORITY**

**2010/11 Budget**



**Paul G. Brunner, P.E.  
Executive Director**

**Revised  
July 14, 2010**

**Three Rivers Levee Improvement Authority  
(TRLIA) FY 2010/2011 Budget  
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# THREE RIVERS LEVEE IMPROVEMENT AUTHORITY

1114 Yuba Street, Suite 218

Marysville, CA 95901

Office (530) 749-7841 Fax (530) 749-6990

July 14, 2010

To: Three Rivers Levee Improvement Authority Board  
From: Paul G. Brunner, Executive Director  
Re: Revised Proposed Budget for Fiscal Year 2010/11

Tremendous levee improvement success was achieved by the TRLIA team with the revenues that were provided by the State and Local Agencies that were approved in last year's TRLIA budget – the Major highlight was the FEMA Levee System Accreditation. I anticipate similar success to be achieved with the proposed expenses that are outlined in this year's Revised TRLIA FY10/11 budget, which is fully funded. This revised proposed budget has been updated since the June 15, 2010 draft to reflect updated actual expenses and revenues that have been incurred and received through the end of FY 09-10. This financial activity affects the carryover fund balance into FY 2010/11 and the associated budgeted expenditures.

The TRLIA Plan has always been to aggressively improve the levees along the Feather, Yuba, and Bear Rivers, and the Western Pacific Inceptor Canal to achieve 200-year flood protection for South Yuba County. All but the Upper Yuba River Levee Improvements from Simpson Lane up to the Goldfields Area have been completed in just six years. The focus for this next fiscal year will be to complete the Upper Yuba River levee improvements and then to certify these improvements to FEMA.

Described in this budget is an ambitious State and Local capital improvement program specifically aimed to enhance flood protection for Yuba County residents that reside in South Yuba County.

Thank you for the opportunity to submit this budget.

Sincerely,

Paul G. Brunner, P.E.  
Executive Director

## TRLIA Phased Program

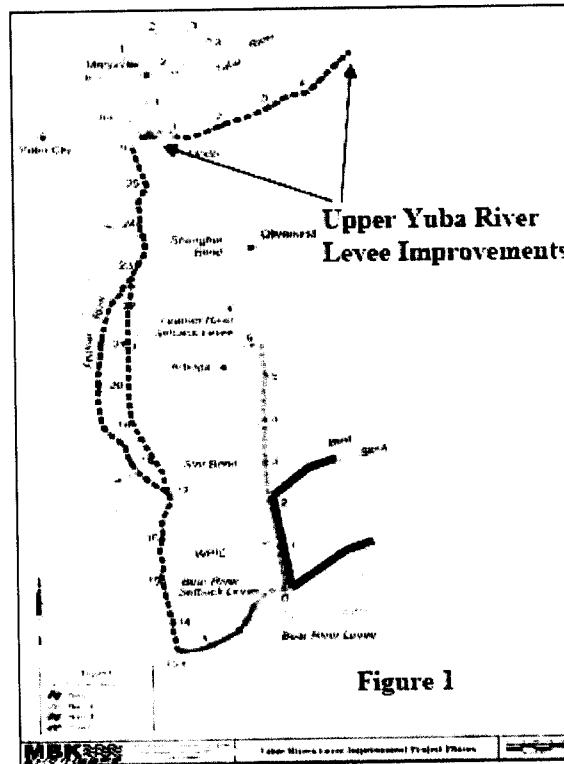
In its entirety, the cost to complete the TRLIA Program is approximately \$400 million. There are four phases to this capital improvement program.

### RD784

- Non TRLIA Levees (black): WPIC, and Bear River

### TRLIA & RD784 Levees

- Phase 1 (red): Yuba River
- Phase 2 (green): Yuba River, Western Pacific Interceptor Canal (WPIC), and Bear River
- Phase 3 (purple): Bear River Setback
- Phase 4 (blue): Yuba River, and Feather River



The most critical flood control projects were prioritized and done first in order to rapidly reduce the risk of flooding to residents as quickly as possible. **All the levee improvements are designed and constructed to withstand flows from both 100-year (FEMA criteria) and 200-year Storms.** The following list is a breakdown and status of each of the Phases:

- **Phase 1** – Strengthened the existing Yuba River left (south) levee between Highway 70 and approximate Yuba River Project Levee Mile (PLM) 0.8. The work was funded by local funding. This work was completed in 2004 and received certification for FEMA from the Corps on May 8, 2007. TRLIA updated the 100-year certification for FEMA on May 5, 2010.
- **Phase 2** - Strengthened and raised the existing upper Bear River right (north) levee from about 200 feet downstream from Highway 70 to the WPIC right (west) levee, added a seepage berm to the existing Yuba River left (south) bank levee from the Western Pacific Railroad (WPRR) to Highway 70 and from Highway 70 to the Southern Pacific Railroad (SPRR), strengthened and raised the existing WPIC levees, relocated Pump Station No. 6, and constructed the Olivehurst detention basin and ring levee. The work was funded by Prop 13 and local funding and then, in 2010, the State reimbursed TRLIA a portion of the local share with Prop 1E funds under the Upper Yuba EIP funding agreement. The Olivehurst detention basin was funded with FEMA and local funds. This work was completed in 2006 and received certification for FEMA from the Corps on May 8, 2007. TRLIA updated the 100-year certification for FEMA on May 5, 2010.

- **Phase 3** – Constructed the Bear River setback levee from the Feather River levee near Pump Station No. 2 to the west end of the Phase 2 Bear River levee work. This phase is referred to as the Bear River Setback Levee project (BRSL). Levee work was completed in 2006. A 600 acre Environmental Restoration Area was created as part of this project. TRLIA is the property owner of the 600 acres and is in the process of transferring ownership to the State. Maintenance of the Environmental Restoration area is ongoing. The work was funded by Prop 13 and local funding and then in 2010 the State reimbursed TRLIA a portion of the local share with Prop 1E funds under the Upper Yuba EIP funding agreement. Corps certification for FEMA was received on May 8, 2007. TRLIA updated the 100-year certification for FEMA on May 5, 2010.
  
- **Phase 4** – consists of multiple projects on the Feather River and Yuba River:
  - **Phase 4 Feather** – This work is referred to as the Phase 4 Feather River Levee Repair Project (FRLRP) and consists of three segments as described below:
    - **Segment 1:** Below Star Bend, from the Bear River setback levee (PLM 13.3) to PLM 17.1 - Embankment and foundation seepage mitigation consisting of cutoff walls, stability berms, relief wells, and monitoring wells. This work was completed in 2009 and was funded initially by local funding and then in March, 2010 the State approved reimbursing TRLIA for their share of the work with Prop 1E funds under a modified Feather EIP funding agreement. TRLIA completed 100-year certification for FEMA on May 5, 2010.
  
    - **Segment 2:** The levee is set back from Star Bend (FR PLM 17.1) to about one mile north of Murphy Road (FR PLM 23.6) – A new levee embankment and foundation seepage mitigation was constructed consisting of cutoff walls, stability berms, relief wells, and monitoring wells. The work included degrading the existing Segment 2 levee and the purchase/creation of an expanded 1600 acre floodway along the Feather River. TRLIA is the property owner of the 1600 acres and is in the process of transferring ownership to the State. The new Setback levee replaced the portion of levee that broke in 1997. Construction of the Setback levee began in 2008 and was completed in 2009. Degrade of the existing Segment 2 levee will be completed in 2010. Maintenance of the 1600 area expanded floodway is ongoing. The work was funded by Prop 1E EIP and local funding. TRLIA completed 100-year certification for FEMA on May 5, 2010.
  
    - **Segment 3:** From Feather River PLM 23.6 to PLM 26.1 and from Yuba River PLM 0.0 to the WPRR crossing at about PLM 0.3 - Embankment and foundation seepage mitigation consisting of cutoff walls, stability berms and monitoring wells; and levee freeboard mitigation. This work was completed in 2009 and was funded by Prop 1E EIP and local funding. TRLIA completed 100-year certification for FEMA on May 5, 2010.

- **Phase 4 Yuba** – The first portion of Phase 4 Yuba included strengthening the existing Yuba River left bank levee above the UPRR crossing to Simpson Lane and adding a seepage berm adjacent to the UPRR crossing. This work was completed in 2006 and was funded initially by local funding and then in 2010 the State reimbursed TRLIA a portion of the local share with Prop 1E funds under the Upper Yuba EIP funding agreement. 100-year certification for FEMA from the Corps was received on May 8, 2007. TRLIA updated the 100-year certification for FEMA on May 5, 2010.
- **Phase 4 Yuba (Highway 70 to the UPRR)** – This work is referred to as the Phase 4 Upper Yuba River Levee Improvement Waterside Slope Flattening Project and was funded by Prop 1E EIP and local funding. This work was done to achieve 200-year flood protection. The work includes slope flattening, seepage remediation, correcting deficiencies in levee geometry, and erosion protection from Highway 70 upstream to the Yuba Goldfield. This work was completed in 2009. See figure 2.
- **Phase 4 Yuba (Simpson Lane up to the Goldfields west boundary)** – This work is referred to as the Phase 4 Upper Yuba River Levee Improvement Remaining Work Project and is funded by Prop 1E EIP and local funding. The work includes slope flattening, seepage remediation, correcting deficiencies in levee geometry, and erosion protection. This work is anticipated to begin in 2010 and be completed in either 2010 or 2011 depending on the acquisition of federal permits and weather. Currently this section of levee is Provisionally Accredited (PAL) by FEMA. TRLIA FEMA certification is planned to be completed in 2011. See Figure 2.

**Figure 2 – Upper Yuba River Levee Improvement Project**



### **Key highlights from Fiscal Year 2009-2010:**

- FEMA Levee Accreditation of the RD784 levee system. Accreditation included the Provisionally Accredited Levee (PAL) for the levee from Simpson Lane to the Goldfields area.
- TRLIA FEMA Levee Certification of the RD784 levee system. Certification included the Provisionally Accredited Levee (PAL) for the levee from Simpson Lane to the Goldfields area.
- Completion of the Feather River Setback including levee tie-ins
- Enterprise Rancheria, Corps of Engineers, DWR Independent Consulting Board, DWR, and the CVFPB approved the proposed TRLIA embankment redesign for the Native American cultural site located near Star Bend. The construction work over the cultural site (south tie-in) was completed.
- The Sacramento Section of the American Society of Civil Engineers (ASCE) awarded its “2009 Outstanding Engineering Award” for Flood Control to the Three Rivers Levee Improvement Authority for its Feather River Setback Levee.
- To celebrate completion of the Feather River Setback Levee, TRLIA held a ribbon cutting ceremony on October 26, 2009.
- Completion of the Feather River Segment 1 Crack levee fix
- Completion of the Feather River Erosion Site 2 which is contained in Feather River Segment 3
- Completion of Yuba River Levee slope flattening work between Hwy 70 and the UPRR
- Completion of environmental documents and design of the work proposed for the Upper Yuba River levee between Simpson Lane and Goldfield
- Collection of the first year Assessment revenues from the newly formed TRLIA Benefit Assessment District
- DGS approved the Modified Funding agreement on March 25, 2010. The State cost share was increased by \$16.28 million, comprised of 70 percent of \$16.6 million for Segment 1, 82.8246 percent of \$4.9 million for additional work in Segment 2, and 70 percent of \$0.855 million for additional work in Segment 3. The total project cost was revised from the \$191.4 million to \$200.5 million with the State cost-share capped at \$154.8 million.
- DWR signed the Upper Yuba River Levee Improvement EIP Agreement and DGS executed the agreement on Oct 20, 2009. The agreement provides \$47.4 million Prop 1E funds for the Upper Yuba River levee work.

- Believed to be the largest levee improvement project west of New Orleans, the Feather River Setback Levee Improvements required the purchase of nearly 1,700 acres of property from 28 South Yuba County property owners. Through FY09/10 TRLIA had reached agreement with 19 of the 28 property owners. TRLIA is engaged in Eminent Domain proceedings in the 9 cases where an agreement has not yet been reached. The Eminent Domain process provides opportunities for TRLIA to continue to negotiate with landowners to reach agreement. If an agreement cannot be reached, the value of the property is then decided by a jury. Although these cases are advancing through the legal process – to include jury trials – TRLIA continues to make every effort to negotiate agreements.
- TRLIA began securing right-of-way for the Upper Yuba Levee Improvement Project to meet state regulations requiring 50-feet of land on the landside of the levee for flood fighting and maintenance access. TRLIA is engaged in negotiations with impacted property owners to secure the right-of-way as required by state law.
- The Corps of Engineers presented their hydraulic analysis and findings for the Goldfields area at the March 2010 CVFPB meeting. The key points from the presentation were: 1) The Corps' has concluded that the Goldfields do not represent a risk from flooding for the 100 year storm event. 2) The Corps hydraulic model for the 200 year storm event shows flow coming out of the Goldfields area above the RD784 Patrol Road levee. This overflow results in shallow overland flow and impacts portions of East and West Linda, Olivehurst, and Arboga. TRLIA has initiated a hydraulic study to better define the risk of flooding from the Goldfields. The purpose of this effort is to reaffirm the Corps' conclusions for the 100 year event and to conduct a more detailed evaluation of the flood risk at the 200 year flood event. TRLIA remains committed to achieving 200 year flood protection for South Yuba County, and will keep the CVFPB and others up to date on our progress.

**Comparison of FY09/10 Budget items to Actual Expenses:**

**FY 09/10 Comparison of Budgeted to Actual Expenditures**

<b><u>ACCOUNT NUMBER</u></b>	<b><u>ACCOUNT DESCRIPTION</u></b>	<b><u>FY 09/10 Budget</u></b>	<b><u>FY 09/10 Actuals</u></b> <sup>1/</sup>
805-3350-425.15-00	INSURANCE	271,000	275,099
805-3350-425.20-00	MEMBERSHIP	10,140	10,175
805-3350-425.23-01	SPECIAL PROJECTS	74,679,777	55,364,278
805-3350-425.23-02	PROFESSIONAL SERVICES	634,000	472,677
805-3350-425.29-00	TRAVEL	20,000	12,491
<b>TOTAL</b>		<b>75,614,917</b>	<b>56,134,720</b>

1/ Actual costs represent Invoices paid through June 30, 2010 and Journals through May 31, 2010.

**Key highlights that the 2010-11 TRLIA Budget accomplishes:**

- Full Degradation of the existing Feather River Segment 2
- Completion of the work proposed for the Upper Yuba River levee between Simpson Lane and Goldfields Area

- Completion of the FEMA Certification Addendum for the Upper Yuba River levee work between Simpson Lane and Goldfields Area
- Completion of the Feather River Land Acquisitions for the Setback Area.
- Initial funding for an Alternative Analysis for the Goldfields Area

**Projected Overall Cost and Schedule of the TRLIA Program:**

Below is a table that outlines the anticipated program cost by Phase.

**OVERALL PROJECT COSTS  
BY PHASE**

<u>PHASE</u>	<u>PHASE TOTAL</u>
PHASE 1	3,982,286
PHASE 2	39,619,673
PHASE 3	60,667,109
PHASE 4 (YUBA)	14,671,359
PHASE 4 (UPPER YUBA)	60,138,800
PHASE 4 (FEATHER SEGMENT 1)	16,132,669
PHASE 4 (FEATHER SEGMENT 2)	166,364,811
PHASE 4 (FEATHER SEGMENT 3)	14,075,847
OLIVEHURST DETENTION BASIN	6,983,926
INTERIM O&M	190,184
TRLIA OVERHEAD & ADMIN	14,810,349
<b>TOTAL</b>	<b>397,637,013</b>

On the next page is the TRLIA Construction Schedule by Phase. TRLIA staff is working aggressively to complete all levee work by the end of calendar year 2010; however, weather or regularly issues may delay work into 2011.

#### PHASE 4 LEVEL IMPROVEMENTS (2011)

- Complete construction of Yuba River Levee strengthen-in-place construction between Simpson Lane and Goldfields area (approximately 4 miles)
- Levee system certification and FEMA Accreditation – TRRIA project complete

#### PHASE 4 LEVEL IMPROVEMENTS (2010)

- Begin Yuba River Levee strengthen-in-place construction between Simpson Lane and Goldfields area (approximately 4 miles)
- Complete degrade of existing Feather River Levee, and farming/environmental areas in setback
- Levee certification with FEMA PAL (between Simpson Lane and Goldfields) and FEMA Accreditation

#### PHASE 4 LEVEL IMPROVEMENTS (2009)

- Complete construction of Feather River Setback Levee
- Degrade/removal of existing Feather River Levee replaced by setback and fill soil borrow sites
- Yuba River Levee between Hwy 70 & UPRR slope flattening work to achieve 200-year flood protection goal
- Begin creation of farming/environmental areas (includes floodplain swale to mitigate potential fish stranding)
- Placement of rip rap along Feather River Levee at Yuba River confluence (Erosion Site 2)
- Repair of Feather River Levee segment crack
- TRRIA O&M Benefit Assessment District Approved

#### PHASE 4 LEVEL IMPROVEMENTS (2008)

- Acquisition of approximately 1,600 acres for Feather River Setback Levee
- Execution of State Prop 1E/TRRIA Feather River funding agreement
- Feather River strengthen-in-place improvements from Bear River to Star Bend (Segment 1) – completed
- Began construction of new Feather River Setback Levee (approximately six miles long) foundation, embankment and levee tie-ins
- Feather River strengthen-in-place improvements from Shanghai Bend to Yuba River (Segment 3) – completed

#### PHASE 4 LEVEL IMPROVEMENTS (2007)

- TRRIA Board adopts Feather River Setback Levee Alternative February 6, 2007
- Yuba Levee (NE corner of UPRR & Levee intersection: Constructed seepage berm and installed two monitoring wells)
- Feather River levee strengthen-in-place river improvements begun between Shanghai Bend and Yuba River (Segment 3)

#### PHASE 4 LEVEL IMPROVEMENTS (2006)

- Yuba Levee: Cutoff wall between the UPRR and Simpson Lane to protect against underseepage

#### PHASE 3 LEVEL IMPROVEMENTS (2006/2007)

- Environmental restoration of setback area and existing Bear River floodway

#### PHASE 3 LEVEL IMPROVEMENTS (2006)

- Demolition of existing homes and structures within the setback levee area, clearing and grubbing of remaining trees
- Construction of setback levee embankment (approx. 2 miles) and installation of approximately 18 relief wells
- Removal of portions of the existing Bear and Feather River Levees
- Construction of a floodplain swale to mitigate for potential fish stranding

#### PHASE 3 LEVEL IMPROVEMENTS (2005)

- Clearing, grubbing, and stripping of setback levee foundation
- Excavation and backfilling of approximately 9,500 feet of inspection trench
- Construction of approximately 9,500 feet (430,000 square feet) of soil-bentonite slurry cutoff wall
- Construction of setback levee tie-in embankment with existing Feather River Levee and installation of two relief wells
- Investigation of three archeological areas revealed during construction

#### PHASE 2 LEVEL IMPROVEMENTS (2006)

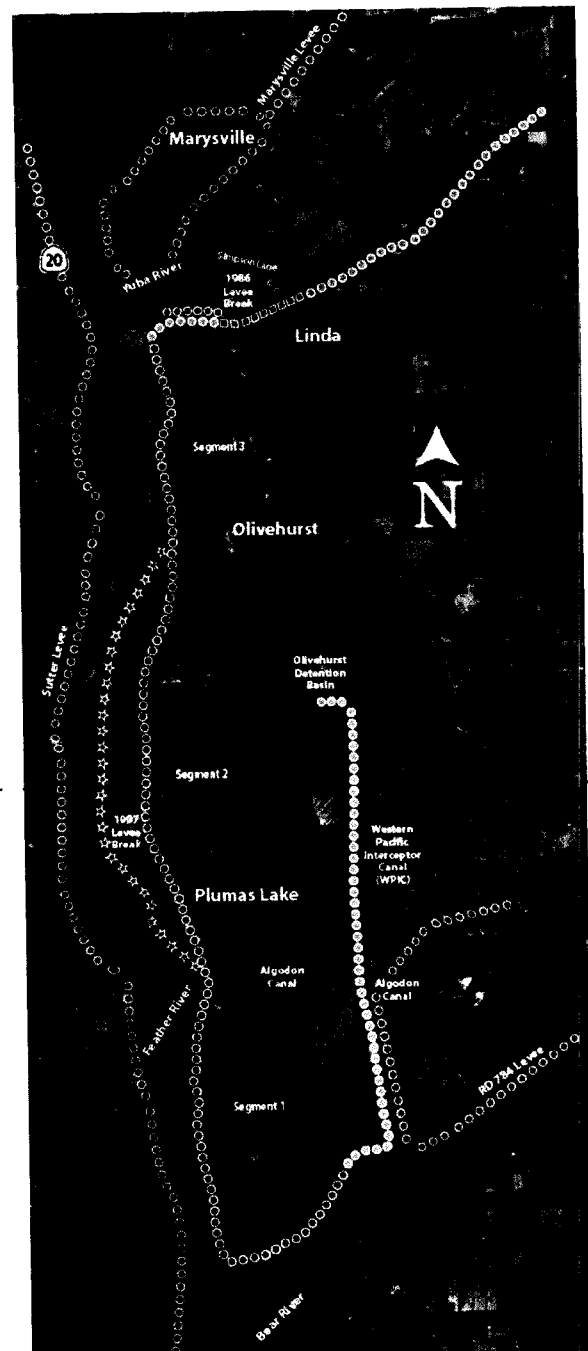
- Olivehurst Detention Basin: Ring Levee between SR-70 and the Clark Lateral Levee
- WPIC Levee: Levee crown raise to provide adequate freeboard
- Lower Bear Levee: Levee crown raise to provide adequate freeboard and a waterside impervious zone to prevent throughseepage. Pump Station No. 6 removal and a new set back pump station to protect against underseepage at the Algodon Canal. Tie-in for the Bear River setback levee

#### PHASE 2 LEVEL IMPROVEMENTS (2005)

- Yuba Levee: 90 – and 300-foot wide landside seepage berms to protect against underseepage
- Olivehurst Detention Basin: New detention pond adjacent to the Clark Lateral Canal and a new pump station
- Upper WPIC Levee: 500-foot long, 38-foot deep slurry cutoff wall and an 1,100-foot long, 44-foot deep slurry cutoff wall to minimize underseepage at Plumas Lake
- Lower WPIC Levee: Landside toe ditch filled to provide protection against underseepage
- Upper Bear Levee: Reconstruction of 300 feet of levee; rock slope protection at confluence with WPIC to provide erosion protection

#### PHASE 1 LEVEL IMPROVEMENTS (2004)

- Yuba Levee: 2,200-foot long, 50-foot deep slurry wall to provide a cutoff of underseepage



- Phase 1 completed and certified by USACE
- Phase 2 completed and certified by USACE
- Phase 3 completed and certified by USACE
- Phase 4 completed and certified by USACE
- Phase 4 (2007, 2008 & 2009 construction seasons)
- ★●●●● Phase 4 existing levee degrade (2009 & 2010 construction seasons)
- Phase 4 (2010 & 2011 construction seasons)
- Local levees unrelated to project

## **TRLIA Revenues:**

- **TRLIA General Fund No. 805:**

This is the fund that developer money, State Proposition 13 reimbursements, levee impact fees, State Proposition 1E credit payments, and other miscellaneous revenues are deposited into. This is also the fund that all TRLIA payments are made from. Fund Nos. 810, 811, 813, 816, 817, and 818 transfer money to Fund No. 805 to pay project and administrative expenses.

- **State Proposition 1E Early Implementation Program (EIP) funding Agreements – Funds 816 and 817:**

TRLIA currently has two funding agreements:

- Modified Feather River EIP Agreement total project cost \$200.5 million (State Share \$154.8 million) – Modified Funding Agreement Approved by DGS March 25, 2010. The State Share of expenses for this project advanced to TRLIA is deposited to Fund No. 816.
- Upper Yuba River EIP Agreement total project cost \$67.8 million of which \$7.7 million is prior work (State share \$47.4 million). The State Share of expenses for this project advanced to TRLIA is deposited to Fund No. 817.

- **Yuba Levee Finance Authority Bond Revenues – Fund No. 813:**

On July 22, 2008, YCWA and Yuba County formed the Yuba Levee Finance Authority (YLFA) as the entity to effectuate the borrowing contemplated in the local funding agreement. On September 23, 2008, the YLFA closed on bonds sales to yield \$46.6 million in proceeds. To date, the YLFA Board has authorized for draw by TRLIA \$41,656,000 of the \$46,600,000 in local funding for the project. As of the date of this report, TRLIA had drawn down \$39,619,337.

- **TRLIA Benefit Assessment District – Fund No. 818:**

On June 2, 2009 the TRLIA Board adopted a resolution to form the Benefit Assessment District to pay for the additional long-term maintenance and operation costs on the 29 miles of improved levees. The FY09/10 budget was \$800,000. As of April 30, 2010 the revenues deposited into Fund No. 818 for FY09/10 were \$781,117.64. The revenues were distributed as follows:

- RD784 for Levee Maintenance: \$763,731.24
- TRLIA for Administrative Expenses: \$16,000
- County for Administrative Expenses: \$1,386.40

It is anticipated that TRLIA will approve FY10/11 collection of Levee O&M assessments for approximately \$800,000 at the June 15, 2010 TRLIA Board meeting.

- **Levee Impact Fees – Fund No. 803:**

Pursuant to Yuba County Ordinance No. 1465 adopted on November 18, 2008 (effective January 17, 2009) Yuba County collects Levee Impact Fees from building permits to help pay for the

local share of costs of levee improvements being made by TRLIA. Fee revenue collected by the County is used to service and retire bids issued by YLFA.

• **TRLIA Community Facility Districts (CFD) – Fund No.’s 810 and 811:**

TRLIA collects revenues from two CFD’s that were created in April 2007 by the landowners that were developing their property. The CFD’s are called “TRLIA CFD 2006-1 (South County Area)” (Fund No. 810); and “TRLIA CFD 2006-2 (South County Overlay District)” (Fund No. 811). The special taxes levied by these CFD’s provide funding to the landowners developing the property in order to pay the Levee Impact Fee obligations imposed by County Ordinance No. 1465. TRLIA has issued CFD’s Bonds and the special taxes collected by the CFD’s are either being used to fund remaining fee obligations of the developers or redeem outstanding bonds. Funds collected to pay remaining fee obligations are transferred to YLFA in lieu of fee collections.

In FY09/10 the CFD’s levied:

- 2006-1: \$328,740.34, and collected \$ 323,520.62. \$8,820.40 was used to pay County and TRLIA administrative expenses, the remaining funds will be used to advance levee fees and retire outstanding bond debt.
- 2006-2: \$78,002.96, and collected \$ 77,724.87 which \$5,625.20 were used to pay County and TRLIA administrative expenses, the remaining funds will be used to advance levee fees and retire outstanding bond debt.

In FY10/11 the CFD’s will levy the following:

- 2006-1: \$ 400,299.96 from 436 Parcels.
- 2006-2: \$85,098.54 from 119 Parcels.

**Other TRLIA Budget Items of Note:**

• **Environmental Escrow Accounts:**

TRLIA has established two Environmental Escrow Accounts to pay for Corps of Engineers 404 permit requirements:

- Bear River Setback Area: The 404 permit requires TRLIA to create an endowment large enough to continually pay for long term monitoring and maintenance of the Setback Area. The approved initial amount per the Property Analysis Record is \$2,141,695. This amount has been placed into the escrow account and is generating interest. Once the property has been transferred (anticipated in 2011) to the State, and the State has identified a nonprofit 3<sup>rd</sup> party organization to maintain the area, TRLIA will execute a contract with the 3<sup>rd</sup> party organization. The estimated annual cost of the maintenance contract is \$88,115 (subject to timing and inflationary adjustments).
- Feather River Wetlands and Drainage Swale Area: The 404 permit requires TRLIA to do the following items:
  - ✓ Obtain a performance bond that could be used to fix the Wetlands and Drainage Swale Areas should they not meet the 3 year performance criteria. The

performance period is anticipated to end in 2014. The approved bond amount is \$220,286, which has been deposited into the escrow account.

- ✓ Create an endowment large enough to continually pay for long term monitoring and maintenance of the Wetlands and Drainage Swale Areas. The approved initial amount is \$430,289. This amount has been placed into the escrow account and is drawing interest. Once the property has been transferred to the State (anticipated in 2012), and the State has identified a nonprofit 3<sup>rd</sup> party organization to maintain the area, TRLIA will execute a contract with the 3<sup>rd</sup> party organization. The yearly cost of the contract is estimated to be approximately \$20,000.

- **TRLIA Memberships:**

TRLIA belongs to the California Central Valley Flood Control Association and the Butte-Yuba-Sutter Water Quality Coalition. This budget includes TRLIA joining the Floodplain Managers Association (FMA) in 2010.

- **TRLIA Outreach:**

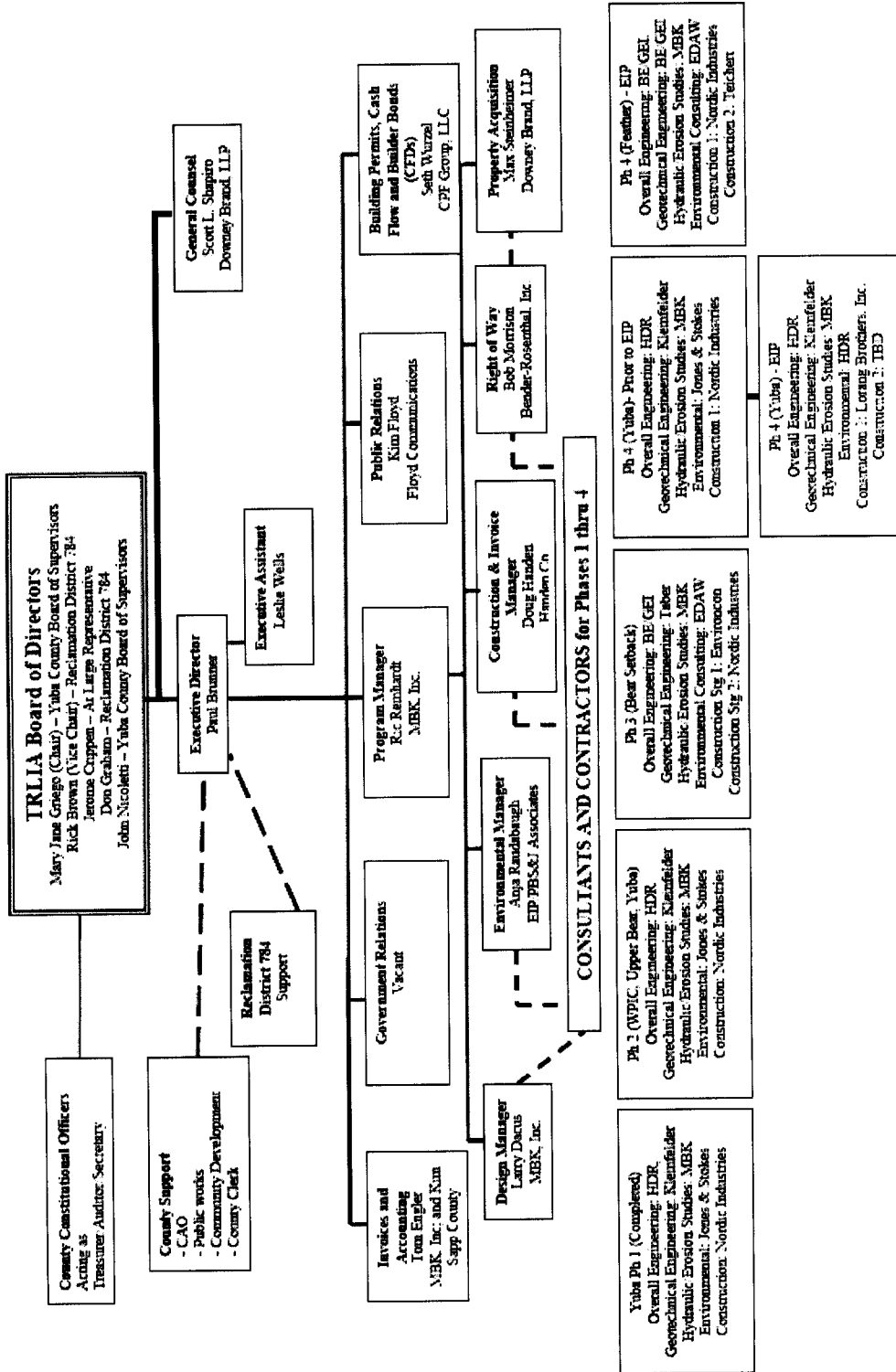
It is anticipated that due to TRLIA's success in quickly completing the RD784 levee major levee improvements and achieving FEMA levee system accreditation, that TRLIA staff and Directors will be asked share how it was all done. The outreach effort could lead to new business opportunities for Yuba County. This budget proposes to use \$100,000 funding from the 805 account to accomplish this effort.

- **Goldfields**

The Corps of Engineers presented their hydraulic analysis and findings for the Goldfields area at the March 2010 CVFPB meeting. The key points from the presentation were:

1) 100 year storm event: The Corps' has concluded that the Goldfields do not represent a risk from flooding for the 100 year storm event. 2) 200 year storm event: The Corps hydraulic model for the 200 year storm event shows flow coming out of the Goldfields area above the RD784 Patrol Road levee. This overflow results in shallow overland flow and impacts portions of East and West Linda, Olivehurst, and Arboga. 3) TRLIA has initiated a hydraulic study to better define the risk of flooding from the Goldfields. The purpose of this effort is to reaffirm the Corps' conclusions for the 100 year event and to conduct a more detailed evaluation of the flood risk at the 200 year flood event. The TRLIA analysis is anticipated to be available by end of 2010. TRLIA has budgeted \$150,000 in this budget to perform an Alternative Analysis to better define options for the 200-year storm event.

# Three Rivers Levee Improvement Authority (Joint Powers Authority) Organization Chart



**TRLIA  
FISCAL YEAR 2010-2011 BUDGET**

**BUDGETED ESTIMATED EXPENDITURE SUMMARY  
1/**

<u>ACCOUNT NUMBER</u>	<u>ACCOUNT DESCRIPTION</u>	<u>REQUEST 2010 - 2011</u>	
805-3350-425.15-00	INSURANCE	286,827	
805-3350-425.20-00	MEMBERSHIP	10,800	
805-3350-425.23-01	SPECIAL PROJECTS	45,111,626	1/
	TRLIA Phase 2 Levee Repair	0	
	TRLIA Phase 3 Levee Repair	200,685	
	TRLIA Phase 4 Upper Yuba Levee Repair	25,228,812	
	TRLIA Phase 4 Feather Levee Repair (Segment 1)	589,340	
	TRLIA Phase 4 Feather Levee Repair (Segment 2)	18,591,804	
	TRLIA Phase 4 Feather Levee Repair (Segment 3)	164,747	
	Olivehurst Detention Basin	75,285	
	Gold Fields	260,952	
805-3350-425.23-02	PROFESSIONAL SERVICES	583,000	
805-3350-425.23-01	TRLIA FUNDING DISTRICT ADMIN.	26,000	2/
805-3350-425.23-01	TRLIA OUTREACH	100,000	3/
805-3350-425.29-00	TRAVEL	20,000	4/
<b>TOTAL</b>		<b>46,138,253</b>	

**ESTIMATED REVENUE 1/**

<u>ACCOUNT NUMBER</u>	<u>REVENUE SOURCE</u>	<u>AMOUNT 2010 - 2011</u>	
805-0000-361.62-36	PROP 13 (DWR Phases 2 & 3)	538,858	
805-3350-425.90-00	PROP 1E Yuba - State Share (Advances & Retention)	16,621,234	5/
805-0000-361.62-50	PROP 1E Yuba - Credited Local Share	5,901,926	6/
805-3350-425.90-00	PROP 1E Feather - State Share (Advances & Retention)	15,532,293	7/
805-0000-361.62-51	PROP 1E Feather - Credited Local Share	823,208	6/
805-0000-371.98-99	COUNTY/YCWA JOINT FINANCING	0	8/
805-0000-311.07-00	NET FUNDING DISTRICT REVENUE (ADMIN)	26,000	9/
805-0000-101.01-00	ESTIMATED FUND CARRYOVER FROM 09/10	13,338,727	
<b>TOTAL</b>		<b>52,782,245</b>	

**Approximate Fund Balance 6/30/11                      6,643,993**

- 1/ Source for Special Project Budget is TRLIA Cash Flow Spreadsheet 7-8-10 (Updated 7/14/10).  
2/ CFD and Assessment District Admin including contracts with SCI & CPMG. Shown separately from Special Projects for clarity.  
3/ Includes consulting time related to TRLIA outreach efforts on project certification.  
4/ Includes O&M Cost of County Vehicle Provided to TRLIA  
5/ Represents advance funding from the State per Upper Yuba funding agreement, transfers from fund 817.  
6/ Represents funding for reimbursable expenses from the State per funding agreements.  
7/ Represents advance funding from the State per Feather River funding agreement, transfers from fund 816.  
8/ No additional funding is budgeted for FY 10-11 to come from YLFA from fund 813.  
9/ Represents transfers from funds 810, 811 and 818 to cover CFD and Assessment District administrative expenses.

SPECIAL PROJECTS DETAIL (#23-01)

Jul 10 - Jun 11

PHASE	Design	Permitting	Construction	CM	ROW Capital/Support	Environmental/Mitigation/Restoration	PM	Contingency	Total
TRLIA Phase 2 Levee Repair Upper Bear, WPIC & Yuba to UPRR	0	0	0	0	0	0	0	0	0
TRLIA Phase 3 Levee Repair Bear River Setback Levee	0	0	0	0	0	180,000	20,656	0	200,685
TRLIA Phase 4 Upper Yuba Levee Repair HWY 70 to Goldfields	1,340,000	833,240	12,982,320	1,675,000	3,435,819	850,000	499,137	3,613,296	25,228,812
TRLIA Phase 4 Feather Levee Repair Segment 1 - Strengthen in Place	5,000	0	0	0	535,284	0	49,057	0	589,340
TRLIA Phase 4 Feather Levee Repair Segment 2 - Setback	0	0	7,815,000	1,275,000	3,628,344	1,164,263	350,438	4,358,759	18,591,804
TRLIA Phase 4 Feather Levee Repair Segment 3 - Strengthen in Place	0	0	0	0	117,300	0	47,447	0	164,727
TRLIA Olivehurst Detention Basin	0	0	0	0	0	75,000	285	0	75,285
Goldfields Analysis	150,000	100,000	0	0	0	0	10,952	0	260,952
<b>TOTALS</b>	<b>\$1,495,000</b>	<b>\$933,240</b>	<b>\$20,797,320</b>	<b>\$2,950,000</b>	<b>\$7,716,747</b>	<b>\$2,269,263</b>	<b>\$978,000</b>	<b>\$7,972,056</b>	<b>\$45,111,626</b>

1/ Specific Project Management Contract are detailed below.

2/ Specific ROW & Permitting Contracts are detailed below.

**TRLIA PROJECT MANAGEMENT CONTRACTS (#23-01)**

CONTRACTOR	Contracts Included w/in	
	Management	Permits & R of W
MBK (Program Mgmt & Design Mgmt)	280,000	350,000
PBS&J (Environmental Mgmt)	60,000	30,000
Downey Brand (General Counsel)	300,000	100,000
Downey Brand (R of W Counsel) 1/	0	2,075,000
BRI (ROW Mgmt and Acquisition)	0	310,000
CPF Group (Financial Consultant)	170,000	0
Board of Senior Consultants	0	55,000
MBK and Mike Hinz (Financial Support and Auditing)	60,000	0
Floyd Communications (Public Relations)	108,000	0
<b>TOTAL</b>	<b>978,000</b>	<b>2,920,000</b>

**2010/2011 PROFESSIONAL SERVICES DETAIL (#23-02)**

<b>DETAIL DESCRIPTION</b>	<b>2010/11</b>
Public Works Admin Salaries, Benefits, and Expenses	150,000
Executive Director Salary & Benefits	158,000
CAO, Auditor, & Treasurer Salary, Benefits, and Expenses	95,000
Executive Assistant Salary & Benefits	80,000 1/
Clerk of the Board Salary, Benefits, and Expenses	10,000
TRLIA General Expenses (Services, Supplies & Office)	90,000 2/
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<b>TOTAL</b>	<b>583,000</b>

1/ Includes \$10,000 per year for temporary assistance as needed

2/ \$7,500 per month

**TRLIA  
FISCAL YEAR 2011-2012 PROJECTED BUDGET**

**BUDGETED ESTIMATED EXPENDITURE SUMMARY 1/**

<u>ACCOUNT NUMBER</u>	<u>ACCOUNT DESCRIPTION</u>	<u>AMOUNT 2011 - 2012</u>	
805-3350-425.15-00	INSURANCE	286,827	
805-3350-425.20-00	MEMBERSHIP	10,800	
805-3350-425.23-01	SPECIAL PROJECTS	5,441,727	1/
	TRLIA Phase 3 Levee Repair	97,720	
	TRLIA Phase 4 Upper Yuba Levee Repair	3,253,771	
	TRLIA Phase 4 Feather Levee Repair (Segment 1)	32,000	
	TRLIA Phase 4 Feather Levee Repair (Segment 2)	1,873,969	
	TRLIA Phase 4 Feather Levee Repair (Segment 3)	32,000	
	Olivehurst Detention Basin	77,267	
	Gold Fields	75,000	
805-3350-425.23-02	PROFESSIONAL SERVICES	573,000	
805-3350-425.23-01	TRLIA FUNDING DISTRICT ADMIN.	26,000	2/
805-3350-425.29-00	TRAVEL	16,000	3/
<b>TOTAL</b>		<b>6,354,354</b>	

**ESTIMATED REVENUE 1/**

<u>ACCOUNT NUMBER</u>	<u>REVENUE SOURCE</u>	<u>AMOUNT 2011 - 2012</u>	
805-3350-425.90-00	PROP 1E Yuba - State Share (Advances & Retention)	1,037,412	4/
805-0000-361.62-50	PROP 1E Yuba - Credited Local Share	0	5/
805-3350-425.90-00	PROP 1E Feather - State Share (Advances & Retention)	4,381,222	6/
805-0000-361.62-51	PROP 1E Feather - Credited Local Share	0	5/
805-0000-371.98-99	Bear River Endowment Ecosystem Restoration Funding	90,000	7/
805-0000-311.07-00	NET FUNDING DISTRICT REVENUE (ADMIN)	26,000	8/
805-0000-101.01-00	ESTIMATED FUND CARRYOVER FROM 10/11	6,643,993	
<b>TOTAL</b>		<b>12,178,627</b>	

**Fund Balance 6/30/11                      5,824,273**

1/ Source for Special Project Budget is TRLIA Cash Flow Spreadsheet 7-8-10 (Updated 7/14/10).

2/ CFD and Assessment District, Includes Contracts with SCI & CPGF. Shown separately from Special Projects for Clarity.

3/ Includes O&M Cost of County Vehicle Provided to TRLIA

4/ Represents advance funding from the State per Upper Yuba funding agreement, transfers from fund 817.

5/ Represents funding for reimbursable expenses from the State per funding agreements.

6/ Represents advance funding from the State per Feather River funding agreement, transfers from fund 816.

7/ Reflects annuity from endowment funded in December 2009.

8/ Represents transfers from funds 810, 811 and 818 to cover CFD and Assessment District administrative expenses.

**SPECIAL PROJECTS DETAIL (#23-01)**

Jul 11 - Jun 12

PHASE	Major Cost Category	Design	Permitting	Construction	CM	ROW Capital/Support	Environmental/Mitigation/Restoration	PM	Contingency	Total
TRLIA Phase 3 Levee Repair	Bear River Setback Levee	0	0	0	0	0	90,000	7,720	0	97,725
TRLIA Phase 4 Upper Yuba Levee Repair	HWY 70 to Goldfields	0	0	0	0	500,000	0	386,662	2,367,109	3,253,771
TRLIA Phase 4 Feather Levee Repair	Segment 1 - Strengthen in Place	0	0	0	0	0	0	32,000	0	32,000
TRLIA Phase 4 Feather Levee Repair	Segment 2 - Setback	0	0	0	0	131,000	334,379	274,351	1,134,240	1,873,969
TRLIA Phase 4 Feather Levee Repair	Segment 3 - Strengthen in Place	0	0	0	0	0	0	32,000	0	32,000
TRLIA Olivehurst Detention Basin		0	0	0	0	0	75,000	2,267	0	77,267
Goldfields Analysis		0	0	0	0	0	0	75,000	0	75,000
<b>TOTALS</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$631,000</b>	<b>\$480,888</b>	<b>\$810,000</b>	<b>\$3,501,348</b>	<b>\$5,441,727</b>

1/ Specific Project Management Contract are detailed below.

2/ Specific ROW & Permitting Contracts are detailed below.

**TRLIA PROJECT MANAGEMENT CONTRACTS (#23-01)**

**CONTRACTOR**

MBK (Program Mgmt & Design Mgmt)	Management	Portion Included w/in Permits & R of W
Handen Company	210,000	0
Downey Brand (General Counsel)	90,000	0
Downey Brand (R of W Counsel) 1/	200,000	0
BRI (ROW Mgmt and Acquisition)	0	300,000
CPF Group (Financial Consultant)	0	200,000
MBK and Mike Hinz (Financial Support and Auditing)	170,000	0
Floyd Communications (Public Relations)	60,000	0
<b>TOTAL</b>	810,000	500,000

**2011/2012 PROFESSIONAL SERVICES DETAIL (#23-02)**

<b>DETAIL DESCRIPTION</b>	<b>2011/12</b>
Public Works Admin Salaries, Benefits, and Expenses	150,000
Executive Director Salary & Benefits	158,000
CAO, Auditor, & Treasurer Salary, Benefits, and Expenses	95,000
Executive Assistant Salary & Benefits	70,000
Clerk of the Board Salary, Benefits, and Expenses	10,000
TRLIA General Expenses (Services, Supplies & Office)	90,000 1/
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<b>TOTAL</b>	<b>573,000</b>

1/ \$7,500 per month