



THREE RIVERS LEVEE IMPROVEMENT AUTHORITY

A G E N D A

JUNE 1, 2004

Yuba County Government Center
Board of Supervisors' Chambers
915 Eighth Street, Suite 109A
Marysville, California

Unless otherwise indicated.

3:30 P.M.

I CALL TO ORDER

Call to order 3:35 p.m.

II ROLL CALL – Directors Mary Jane Griego and Richard Webb

III BOARD AND STAFF MEMBERS' REPORTS

III ACTION ITEMS

A. Minutes: Approve minutes of the regular meetings of May 4 and 11, 2004.

Continued to 07/06/04

B. Invoice Payment: Authorize the Yuba County Auditor/Controller to pay invoice from MBK Engineers in the amount of \$25,026.09 for design and environmental services pertaining to levee improvements. **Approved**

C. Draft Environmental Impact Report: Receive presentation on Bear River and Western Pacific Interceptor Canal Levee Improvements Project – Draft Environmental Impact Report.

On File in the Clerk of the Board's office for review

Received Report

D. Levee Improvement Projects: Consider rescheduling levee projects scheduled for calendar year 2004 and take action as appropriate.

Received Update

IV PUBLIC COMMUNICATIONS: Any person may speak about any subject of concern provided it is within the jurisdiction of the Levee Improvement Authority and is not already on today's agenda. The total amount of time allotted for receiving such public communication shall be limited to a total of 15 minutes and each individual or group will be limited to no more than 5 minutes.

V ADJOURN

4:12 p.m.

I hereby certify the above to be an accurate statement of the actions taken by the Directors of the Three Rivers Levee Improvement Authority on the above date.

CLERK OF THE BOARD OF SUPERVISORS, DONNA STOTTEMEYER
/s/Cynthia Slayton, Deputy Clerk

Dated: June 2, 2004

THREE RIVERS LEVEE IMPROVEMENT AUTHORITY

COUNTY OF YUBA

MINUTES – BOARD OF DIRECTORS

MAY 4, 2004

A meeting of the Board of Directors of the Three Rivers Levee Improvement Authority was held on the above date, commencing at 3:31 p.m., within the Government Center, Marysville, California, with a quorum being present as follows: Directors Mary Jane Griego and Richard Webb. Also present were Yuba County Administrator Kent McClain, County Counsel Daniel Montgomery, and Clerk of the Board of Supervisors Donna Stottlemeyer. Chairman Webb presided.

STAFF REPORTS

County Administrator Kent McClain recapped the meeting of May 3, 2004 with representatives from Sutter County regarding the permit application process for current Phase I projects.

Mr. Ric Reinhardt, MBK Engineers, outlined the comment period for permits to be issued by the Department of Water Resources.

ACTION ITEMS

- A. Minutes: Upon motion of Director Griego, seconded by Director Webb, and unanimously carried, the Board approved the minutes of the regular meetings of April 6 and 13, 2004, and special meeting of April 20, 2004 as written. APPROVE MINUTES
- B. MBK Engineers/Agreement: Upon motion of Director Griego, seconded by Director Webb, and unanimously carried, the Board approved an agreement with MBK Engineers for engineering services and authorized the Chairman to execute same. APPROVE AGRMNT.

PUBLIC COMMUNICATIONS

No one came forward.

ADJOURNMENT

There being no further business to come before the Three Rivers Levee Improvement Authority the meeting was adjourned at 3:43 p.m. by Chairman Webb.

Chairman

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

Approved: _____

THREE RIVERS LEVEE IMPROVEMENT AUTHORITY

COUNTY OF YUBA

MINUTES – BOARD OF DIRECTORS

MAY 11, 2004

A meeting of the Board of Directors of the Three Rivers Levee Improvement Authority was held on the above date, commencing at 2:05 p.m., within the Government Center, Marysville, California, with a quorum being present as follows: Directors Mary Jane Griego and Richard Webb. Also present were Yuba County Administrator Kent McClain, Yuba County County Counsel Daniel Montgomery, and Clerk of the Board of Supervisors Donna Stottlemeyer. Chairman Webb presided.

ACTION ITEMS

Invoice Payments: Upon motion of Director Griego, seconded by Director Webb, and unanimously carried, the Board authorized the Yuba County Auditor-Controller to pay invoices from Economic Planning Systems in the amount of \$7,583 and MBK Engineers in the amount of \$22,101.27 for design and environmental services.

AUTHORIZE
PAYMENT

PUBLIC COMMUNICATIONS

In response to inquiry by Assistant County Administrator Randy Margo regarding adding directors to the Authority, with Board consensus Chairman Webb suggested preparation of a few options be brought forward for consideration that would include neutral representation from the boundary area.

Chairman Webb advised Director Graham would attend the next regular meeting of the Authority in his absence.

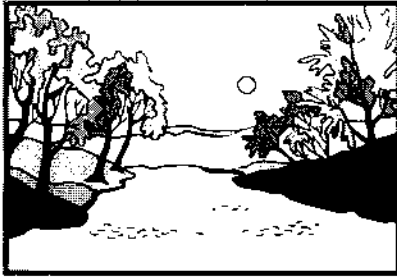
ADJOURNMENT

There being no further business to come before the Three Rivers Levee Improvement Authority the meeting was adjourned at 2:15 p.m. by Chairman Webb.

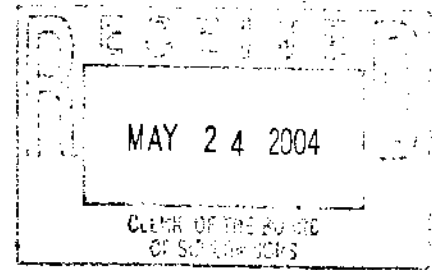
Chairman

ATTEST: DONNA STOTTLEMEYER
CLERK OF THE BOARD OF SUPERVISORS
AND EX-OFFICIO SECRETARY OF THE PUBLIC AUTHORITY

Approved: _____



THREE RIVERS LEVEE IMPROVEMENT AUTHORITY



June 1, 2004

TO: Three Rivers Improvement Authority Board
FROM: Randy Margo, Assistant County Administrator
SUBJECT: Payment of Engineering Invoices

Recommendation

Authorize the Yuba County's Auditor/Controller to pay the attached invoice for design and environmental services pertaining to levee improvements.

Background

Engineering, design and environmental work pertaining to levee improvements was contracted for by Reclamation District 784 in January 2004. Those contracts have now been assigned to the Authority pursuant to action taken on April 6th by Reclamation Board 784 and the Authority. Therefore, the responsibility for administration and payment of these contracts now rest with the Authority.

The source of payments for these contracts is the developer fund established last fall by the County of Yuba. Those funds were put into a trust account for Reclamation District 784. Action taken by the Authority on April 6th requested the Yuba County Board of Supervisors direct the Auditor/ Controller to set up a separate trust fund for the Authority, under which these and subsequent invoices related to levee improvements will be paid. Presently there is \$1,263,046.66 available to pay invoices related to levee improvement work in the south Yuba Basin. The invoice being submitted for payment is:

MBK Engineers	\$ 25,026.09
Total	\$ 25,026.09

Fiscal Impact

Payment for this invoice will reduce available funding to \$1,238,020.57



Water Resources ♦ Flood Control ♦ Water Rights

RECEIVED

MAY 11 2004

ADMINISTRATION

Joseph D. Countryman, P.E.
Gilbert Cosio Jr., P.E.
Marc Van Camp, P.E.

May 04, 2004

Invoice #04-05-4141

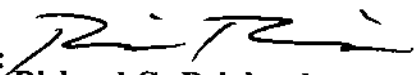
Reclamation District 784
Attn: Richard Webb
1594 Broadway
Marysville CA 95901-9632

*Re: Project Management and Hydraulics Analysis for the Problem Identification Study
of the Bear River and UP Interceptor Canal Levees*

Services thru April 30, 2004

Total Professional Services	\$24,471.50
Total Expenses	\$554.59
Total Amount of This Invoice	\$25,026.09

MBK ENGINEERS

By: 
Richard G. Reinhardt
Licensed Civil Engineer, 60093, by the
California Board for Professional
Engineers and Land Surveyors

Attachment

	<u>Hours</u>	<u>Amount</u>
<u>Supervising Engineer - 1</u>		
04/19/04 Review results of Corps Feather River HEC-RAS model simulations and prepare plots of 25, 50 and 100 year maximum water surface elevation profiles (1.0 hrs. n/c)	1.75	227.50
04/28/04 Prepare and send CD with Corps Feather HEC-RAS model and analyses to RD 1001	0.75	97.50
Subtotal	2.50	325.00
<u>Supervising Engineer - 3</u>		
04/13/04 Discuss FEMA regulatory issues with Van Dam	0.50	65.00
Subtotal	0.50	65.00
<u>Senior Engineer - 4</u>		
04/12/04 Review FEMA data and regs and start a write-up regarding FEMA zones that RD 784 could be mapped into	3.00	345.00
04/13/04 Review CFR 44 and prepare description of the implications on development of each of the various zones that RD 784 could be mapped into; gather data for the Coprs Preliminary Economics Report and rewrite the introductory paragraph to Countryman's Flood Protection Summary of RD 784	4.00	460.00
04/20/04 Coordinate Reclamation Board Permit changes and copies; contact Brandon at Reclamation Board regarding submission of permit, travel to Reclamation Board and submit permit	3.00	345.00
04/27/04 Prepare Reclamation Board Permit application for South Olivehurst detention basin and pumping plant project; contact Ames at Jones and Stokes regarding Environmental Questionnaire	3.00	345.00
04/28/04 Revise Scope and Proposal for South Olivehurst Detention	3.00	345.00
Subtotal	16.00	1,840.00
<u>Senior Engineer - 5</u>		
04/13/04 Review Ford's economic analysis; draft report figures; review 1957 design profiles and send to Myers	5.50	687.50
04/15/04 Discuss scope of work and investigate hydraulic model for blocking UP Interceptor backwater under Highway 70	1.50	187.50
04/19/04 Attend meeting at Corps to discuss Yuba River economic evaluation; prepare sensitivity analysis of water surface elevation on roughness values for Aikens	7.00	875.00
04/28/04 Compare MBK and Corps hydrology; discuss Corps hydrology with Whitin; determine methodology for additional frequency point modeling	3.50	437.50
04/29/04 Review hydraulic impact report; perform calculations and establish basis for Bear River frequency curve reanalysis	6.00	750.00
04/30/04 Perform Bear River frequency curve reanalysis modeling	4.50	562.50
Subtotal	28.00	3,500.00

**MBK Engineers
2450 Alhambra Blvd., 2nd Floor
Sacramento, CA 95817**

May 04, 2004

Invoice #04-05-4141

**Reclamation District 784
Attn: Richard Webb
1594 Broadway
Marysville CA 95901-9632**

Re: Project Management and Hydraulics Analysis for the Problem Identification Study of the Bear River and UP Interceptor Canal Levees

Professional Services

	<u>Hours</u>	<u>Amount</u>
<u>Principal - 1</u>		
04/09/04 Prepare analysis of project flood status and possible modifications	4.00	600.00
04/15/04 Follow up with additional analysis of Yuba River levee stability	1.00	150.00
04/19/04 Meet with Corps on Yuba & Feather level of protection profiles	3.00	450.00
04/22/04 Assist in preparation of DWR presentation	2.00	300.00
04/26/04 Organize effort to meet Reclamation Board standard of greater than 1 in 100 with no hydraulic impacts	4.00	600.00
04/27/04 Coordinate requirements for Reclamation Board request for increased level of protection	1.00	150.00
Revise data for improved analysis with 3 additional Index points,	1.00	150.00
Subtotal	16.00	2,400.00
<u>Principal - 5</u>		
04/01/04 Work on Yuba River FEMA site; coordination on Project issues; discussion with Mallen on Olivehurst floodplain issue; prepared presentation for meeting with developers; Public Meeting on NOP	7.50	1,012.50
04/02/04 Revisions to developer handouts; developer meeting; review of MHM report on Olivehurst floodplain; meeting with Costa on Yuba River FEMA site; coordination on Rec Board permit	6.00	810.00
04/05/04 Coordination on project issues; project email; meeting with agency staff on project issues	4.00	540.00
04/06/04 prep for board meetings; coordination on project issues; RD 784 Board Meeting; JPA meeting; conf call with HDR; project email; prepared response to Aikes questions on FEMA study; review of FEMA study information	7.50	1,012.50

	<u>Hours</u>	<u>Amount</u>
<u>Engineer - 6</u>		
04/16/04 Analysis of steady state design flows on Bear River with orchard removed	3.00	276.00
Subtotal	3.00	276.00
<u>Assistant Engineer - 4</u>		
04/05/04 Acquire aerial photography from AirPhoto USA	0.50	41.50
04/06/04 Create a reasonably sized PDF file of Bear River levee break locations for the purpose of e-mailing.	2.00	166.00
04/09/04 Revise design water surface data to fit USACE Comprehensive Study river miles	1.00	n/c
Create maps of flood control alternatives	2.00	166.00
04/12/04 Revise design water surface data to fit USACE Comprehensive Study river miles	6.00	498.00
04/14/04 Calculate levee miles for Yuba River cross section locations	2.00	166.00
04/15/04 Create maps of flood control alternatives	2.50	207.50
Develop map of 60' inundation boundary south of Olivehurst	3.00	249.00
04/16/04 Make revisions to 60' water surface inundation map	1.00	83.00
04/19/04 Create figures of flood model alternatives	6.50	539.50
04/20/04 Create flood model alternative figures, create summary map of setback alternatives and calculate setback area acreages	6.50	539.50
04/21/04 Prepare presentation figures	0.50	41.50
04/22/04 Create levee break map, extract water surface profiles from DSS file	2.00	166.00
04/27/04 Research parcel information in the vicinity of the Olivehurst Detention Basin for the Reclamation Board encroachment permit application, print parcel maps	4.00	332.00
Subtotal	39.50	3,195.50
<u>Engineering Aide -1</u>		
04/02/04 Scan in pictures of Bear River breaks	0.25	11.25
04/08/04 Make revisions to yuba Basin and FEMA projects map	1.00	45.00
04/15/04 Find stage and flow at Wheatland Gage	0.50	22.50
04/20/04 Determination of stage and flow at HWY 70 bridge	2.50	112.50
04/21/04 Prepare final edits to stage and flow determination at HWY 70	0.50	22.50
Make changes to presentation figures	1.25	56.25
04/22/04 Create map showing different phases of construction and setback levee	1.75	78.75
Subtotal	7.75	348.75
<u>Expenses</u>		
Telephone, Long Distance		1.46
FAX charge @ \$0.35 ea		6.65
Reproductions		161.25
Mileage @ \$.40 per mile		321.60

	<u>Hours</u>	<u>Amount</u>
04/07/04 Coordination on project issues; project email; work on tracking consultant charges	1.50	202.50
04/08/04 Project email; work on map of LRR/GRR/FEMA project; coordination on project issues; team meeting; review of HDR meeting notes	4.25	573.75
04/09/04 Project email; coordination on project issues	0.50	67.50
04/12/04 Meeting on project issues with YCWA, RD 784 and Yuba County; project email; work on cover letter for Rec Board permit	4.50	607.50
04/13/04 Pulled together contract information for Lindmark; project email; review and revisions to Rec Board Permit for Bear and WPIC; coordination on project issues	2.00	270.00
04/14/04 Coordination on Rec Board permit; project email; team meeting	4.25	573.75
04/15/04 Conf call on Olivehurst detention basin; project email; coordination on project issues; work on Bear River orchard removal	2.25	303.75
04/16/04 Review of HDR March invoice; project email; work on Rec Board Permit application; work on hydraulic issues	1.75	236.25
04/19/04 Bear River erosion site visit; project email; review of setback levee roughness modeling; project email; coordination on project issues; discussion with Webb and Margo on project issues	5.00	675.00
04/20/04 Work on rec board permit; project email; review of presentation material to Rec Board and discussion with Aikens; coordination on scopes for Olivehurst detention basin; work on Rec Board presentation	3.50	472.50
04/21/04 Work on Rec Board presentation; coordination on Olivehurst detention basin issues; project email; coordination on meeting with RD 1001 and Sutter County	6.00	810.00
04/22/04 Review of HDR scope on Yuba River site; project email; coordination on meeting with RD 1001 and RD 784; work on Rec Board presentation; discussion with Margo on project issues; review of summary statement that County prepared for Rec Board presentation; developed low flow information for EIR; coordination Olivehurst detention basin	5.50	742.50
04/23/04 Work on presentation; meeting with Rec Board and DWR; project email; provided direction to team based on Rec Board meeting; discussion with Margo on project issues	4.75	641.25
04/26/04 Work on 150 year plan; discussion with team members on effort for 150 year plan; project email; discussion with RD 1001 engineer on hydraulic impacts	3.00	405.00
04/27/04 Work on 150 year plan; meeting with Griego; project email; coordination on project issues	4.50	607.50
04/28/04 Discussion with team members on bank protection on upper Bear; coordination on project issues; project email; coordination on comments on Rec Board permit application; coordination on CEQA document	3.50	472.50
04/29/04 Review and comments on draft hydraulic impact study; conf call with JSA on EIR issues; discussion with SAFCA staff on RD 784 project downstream hydraulic impacts; coordination on contract issues; review of Bear River wind and wave analysis; project email	4.00	540.00
04/30/04 Meeting with Developers; project email; work on hydraulics impact report; coordination on project issues; discussion with JSA on EIR issues; prepared presentation for Sutter County	7.00	945.00
Subtotal	92.75	12,521.25

	<u>Amount</u>
Parking	9.63
Color Reproductions	54.00
	<hr/>
Subtotal	554.59
	 <u>Hours</u> _____
Total Professional Services	<u>206.00</u> <u>\$25,026.09</u>

The County of Yuba

OFFICE OF THE COUNTY ADMINISTRATOR

GOVERNMENT CENTER - 915 8TH STREET, SUITE 115
MARYSVILLE, CALIFORNIA 95901-5273



CHARLES K. McCLAIN
COUNTY ADMINISTRATOR

RANDY MARGO
ASSISTANT COUNTY ADMINISTRATOR

JOHN FLEMING
ECONOMIC DEVELOPMENT COORDINATOR

GRACE M. MULL
ADMINISTRATIVE ANALYST

TEENA L. CARLQUIST
EXECUTIVE ASSISTANT

(530) 749-7575

FAX (530) 749-7312

MAY 25 2004

June 1, 2004

TO: Three Rivers Levee Improvement Authority
FROM: Charles K. McClain, County Administrator *Charles K. McClain*
SUBJECT: Consider Rescheduling Levee Construction Projects for Calendar Year
2004 and Take Action as Appropriate

Recommended Action

Reschedule specific levee construction projects envisioned for calendar year 2004 in order to improve prospects for a Mello-Roos Bond sale and to more cost-effectively design and construct the maximum amount of levee protection with available funding.

Request Yuba County Water Agency to provide initial funding for projects ready for construction this year.

Reason for Recommended Action

From a legal standpoint, it appears the issuance of a programmatic permit by the State Board of Reclamation provides discretion to the state to subsequently revoke or hinder completion of the 2004 levee projects. The possibility of discretionary acts by the State Reclamation Board concerning the proposed 2004 levee projects potentially offers insufficient assurances to bond investors that those projects will be completed in such a manner to secure appropriate flood protection, and thereby possibly cause remapping of the area by the Federal Emergency Management Agency (FEMA). In addition, moving forward on both the 100-year flood protection program and the 200-year flood protection program is costly and time-consuming.

This recommended action will not delay the final completion date for the levee projects, but rather, postpone the issuance of the Mello-Roos bonds until early next year when specific irrevocable permits can be obtained for construction work.

Discussion

Based on the meeting with the State Board of Reclamation on May 21st, it would be difficult to ask the Board for project specific approval to raise and strengthen the levees while simultaneously pursuing a setback levee alternative. Instead, staff recommends expediting the Environmental Impact Review of the setback levee to enable the Three

Rivers Board to bond and construct this project in 2005. Meanwhile, design and land acquisition work for the setback levee would commence as soon as possible. The formation of the assessment district would proceed on its present schedule. Moreover, several projects would still move forward during this calendar year as follows:

- ✓ Removal of Bear River Orchard
- ✓ Construction of Olivehurst Detention Basin Project
- ✓ Construction improvements pertaining to Yuba River FEMA site

Fiscal Impact

The Olivehurst Detention Basin Project would be financed with a combination of FEMA grant funds and a Yuba County Water Agency loan. Removal of the Bear River Orchard and the Yuba River FEMA site would be funded by Water Agency loans.