



## MINUTES

### PLACER COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT BOARD OF DIRECTORS Monday, January 8, 2007

The Board of Directors for the Placer County Flood Control and Water Conservation District met in session beginning at 4:07 P.M., Monday, January 8, 2007 in the Rocklin City Council Chambers, 3970 Rocklin Road, Rocklin, California. Ken Grehm, Executive Director, Brian Keating, District Engineer, Andrew Darrow, Development Coordinator and Christiana Darlington, District Counsel, represented the District.

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#### 1. **ROLL CALL:**

By roll call, Directors present: Weygandt, Rompala, Roccucci, Morillas, and Nakata acting for Santini.

Not Present: Directors, Hanley (Chair), Santucci, and Yorde

Director Roccucci today acted as Chairman for the Board meeting.

#### 2. **AGENDA APPROVAL**

Approved as submitted

MOTION: Weygandt / Rompala

#### 3. **APPROVAL OF OCTOBER 16, 2006 MINUTES:**

Approved as submitted

MOTION: Morillas / Nakata

#### 4. **PUBLIC COMMENT:**

None

#### 5. **ITEM FOR INFORMATION:**

- a. Board of Director term expirations and officer rotations (Chair and Vice Chair) for 2007. Resignation of Member-At-Large Director John Rompala effective January 9, 2007.

Ken welcomed Director Kent Nakata as the new representative from the City of Lincoln.

Ken discussed the upcoming Director term expirations and officer rotations for the Chair and Vice-chair positions for 2007. On January 31, 2007 the terms of all current Directors will expire, excluding the Member-At-Large position. The term of the Member-At-Large position will expire soon thereafter on March 11, 2007. Ken reported that John Rompala, the current Member-At-Large Director, has recently written to staff and the Placer County Board of Supervisors informing us of his intent to resign from the Board early, effective January 9, 2007.

Ken stated that Staff appreciates Director Rompala's 12 years of service on the Board and invited all retiring Directors back to our March 12, 2007 Board meeting for a reception.

District staff have informed the County Board of Supervisors to begin the process of appointing a new Member-At-Large Director as it is their duty to do so. The District Board will be informed of the outcome of the Board of Supervisor's selection at the upcoming March 12, 2007 meeting. Ken requested that for all other Director positions, staff be informed of re-appointments or new appointments as soon as possible, preferably prior to January 31, 2007.

Director Roccucci stated that he will make sure the City of Roseville informs staff of new appointments. Director Morillas indicated that she was re-appointed through 2008, representing the Town of Loomis.

Ken reported that in March 2006, the Board passed Resolution No. 06-02 adopting a regular rotation of the annual District Board officer positions of Chair and Vice-Chair. Per this resolution the Chair of the Board will be the new Member-At-Large Director and the Vice-Chair will be the District 1 Placer County Board of Supervisor Director. Ken further stated that at this point it appears both of these positions will be filled with new people to the District and that both will soon receive a new Directors Handbook.

b. Update on construction progress and winterization of the Miners Ravine Off-channel Detention Basin Facility

Brian reported that the Miners Ravine Off-channel Detention Basin project site has been winterized by the construction contractor, Syblon Reid Inc. This includes extensive efforts to install temporary erosion control and stormwater pollution prevention (SWPP) measures at the site. The Regional Water Quality Control Board has indicated these efforts appear satisfactory and with proper maintenance and monitoring its likely we will avoid any violations or fines due to site runoff concerns. Brian stated that District doesn't expect any additional construction activities at the site other than maintenance of existing SWPP measures until May of 2007. The remaining items of work to be completed next spring include:

- Final embankment tie-in (300 ft at the eastern end of dam)
- Parking lot improvements
- Bicycle pathway construction
- Extension of 6' by 10' box culvert beneath Sierra College Boulevard (a portion may be installed over the next several weeks if a 10-day window of good weather permits by Elliott Homes under reimbursement for the District.)
- Upstream Inlet/outlet weir and intake structure
- Frontage area landscaping and interpretive signage

Brian reported trespassing of off-road vehicles occurred on site with resulting damages to several areas of recently constructed embankment and turf reinforcement matting. Brian stated that staff addressed the issue with posting of prohibitive OHV use signs, installing temporary chain link fencing along the frontage and through increased police surveillance at the site from the City of Roseville police department. Staff will continue to monitor the trespassing to see if additional measures may be warranted in the future. Brian stated that damages to the embankment have been repaired by Syblon Reid at relatively low cost. Cost

responsibility for site security and damage repairs is being negotiated with the contractor based on applicable terms of our contract.

Brian reported that beaver dam activity immediately downstream from the site is causing a backwater effect on the creek and is eroding an old embankment. As a result, staff have requested and received a Beaver Depredation permit from the Department of Fish and Game to resolve the issue.

Director Rompala asked if the chain link fence was temporary. Brian answered that the temporary chain fence is temporary only.

c. Update on the Secret Ravine Floodplain Restoration project and outcome of hydraulic and cost benefit analysis

Ken reported that the RBF Consulting team has been working diligently on the environmental planning and engineering designs for the Secret Ravine Floodplain Restoration Project. This includes:

- The upper reach above Sierra College Boulevard where the majority of flood control benefits are planned to be achieved through a non-structural floodplain restoration concept.
- The lower downstream reach on Sierra College property where a majority of the creek restoration and habitat improvements are planned.
- Topographic and biological surveys
- Start of the CEQA planning process and agency permitting process
- Coordination with Sierra College faculty, and
- Hydraulic analysis of conceptual floodplain restoration designs for the upper reach.

Ken reported that RBF's hydraulic analysis of the floodplain restoration concept on the upper reach has included the use of more detailed topography and cross section survey data, as well as more refined hydraulic methodologies than those employed in the 2003 dated engineering feasibility study. Recently the analysis produced only 12 acre-feet of additional storage capacity from the site as compared to the 25 acre-feet predicted with this concept in the feasibility study. This 50% reduction in storage translates into significantly less downstream flood control benefit at the critical point of measure which is Vernon Street in Roseville. Instead of the 250 cfs of peak flow reduction at Vernon Street in a 100-year event, only 25 cfs reduction was produced from the floodplain restoration concept. Under such a scenario the cost-benefit of the project on the upper reach is poor (significantly more than \$10,000/cfs of peak reduction). District staff with concurrence of the TAC have directed the RBF team to stop all work other than continued evaluation of new flood control concepts on the upper reach that might produce improved downstream flood control benefit.

Ken reported that District will continue to evaluate flood control concepts on the upper reach, and present and discuss these concepts with the City of Rocklin and upstream property owners. Ken further reported that Staff will report back to the Board at a future meeting.

Director Roccucci reiterated that the cost benefit ratio was tight and at the benchmark. Director Roccucci further stated that staff is taking the proper approach and looks forward to the next report.

**6. ACTION ITEMS:**

- a. Miners Ravine Off-Channel Detention Basin Facility – Authorize staff to issue Addendum No. 8 to the RBF Consulting contract for additional professional services.

Brian reported that RBF Consulting and its team of geotechnical and environmental subconsultants are providing full-time construction management services to the District including management of construction contract change orders and related construction plan revisions. Brian reminded that the Board took action at its October 16<sup>th</sup> meeting to approve a major construction contract change order to re-align the embankment due to constructability issues with the adjacent Sierra College Boulevard widening project. This change order required extensive revisions to 21 sheets of construction plans and involved not only the embankment realignment but also changes in design of the bikepath, extension of the 6' X 10' box culvert, storm drain system, grading and access roads. Brian stated that a portion of the services is considered out of scope of work for RBF's contract due to the extensive efforts to revise the construction plan set. The additional consulting services to affect this change amount to \$27,000 and are being recommended for approval as part of amendment No.8 to RBF's contract.

Brian stated that the geotechnical testing services and embankment construction oversight provided by RBF's subconsultant (Engeo Inc.) have exceeded the original scope of work due to extensive coordination and direction from the Division of Safety of Dams inspectors, additional laboratory soils testing, and overtime labor hours accrued to oversee the contractors work. Staff feel the extra services provided by Engeo have been necessary and vital to the success of the project to date. These additional labor and laboratory testing services amount to \$45,300 and include services through all remaining construction work under the contract. This amount is also being recommended for approval as part of amendment No. 8. The total out-of-scope services and costs for amendment No.8 are detailed below:

1. Additional construction plan set revisions:	\$27,000
2. Additional geotechnical oversight and testing services	<u>\$45,300</u>
Sub-Total:	\$72,300

RBF Contract Summary To Date:

Original Contract:	\$726,996
Amendment No. 1:	\$11,900
Amendment No. 2:	\$22,500
Amendment No. 3:	\$31,050
Amendment No. 4:	\$9,550
Amendment No. 5:	\$17,170
Amendment No. 6:	\$1,600
Amendment No. 7:	\$174,540
Amendment No. 8:	<u>\$72,300</u>
<u>Amendment Sub-Total:</u>	<u>\$340,610</u>
<u>Total Revised Contract:</u>	<u>\$1,067,606</u>

Brian stated that District staff negotiated the additional costs with RBF consulting and feel they are fair and reasonable. The cost for processing one additional tree permit were absorbed by the consulting team due to an earlier oversight of these trees. Funds are available from the Dry Creek Trust Fund for these services since the FY 2006/2007 District budget included significantly larger than necessary construction fund dollars than will actually be required.

Brian recommends the Board, by motion, authorize staff to execute contract amendment No. 8 in the amount of \$72,300 to RBF Consulting.

Director Nakata asked the size and capacity of the detention basin. Brian answered that the basin provides 35 acre feet of additional storage capacity, the entire project site is 26-acres and the basin is approximately 12 acres in size.

MOTION: Weygandt / Morillas– Unanimous

b. Approval of on-call aerial videography services contract for western portion of Placer County

Brian reported that last year the Board took action to approve an on-call aerial videography contract with Sacramento Executive Helicopter Inc (SEH), the only responsive firm to the District's request for proposals for these services. The videography services almost became necessary during the 2005 New Years Eve flood event but flood waters did not reach 25-year or greater levels. Brian stated that staff proposes to renew an annual contract with SEH for the same services as a sole source type procurement.

The services include digital videography of up to 85 miles of creek within western Placer County including Dry Creek, Auburn Ravine, Pleasant Grove and Coon Creeks. An estimated 4 hours of flight time would be necessary for these services and one District staff person will attend the flight to provide direction and narration on the tape. A digital recording of the creeks transferred to CD would be provided as an end product.

Brian reported that this is an effective tool in documenting high water conditions, flood debris, obstructions to flow, flood damage and bank erosion occurring during major flood events. Similar to high water surveys performed immediately after major events, the tapes would also be useful in confirming the accuracy of existing floodplain mapping and base flood elevations.

Brian stated that Staff has budgeted \$5,500 for these services (utilized only as required) in the Final Fiscal Year 2006-2007 budget and the proposal received from SEH.

MOTION: Morillas / Weygandt– Unanimous

7. NEXT MEETING:

The next regularly scheduled Board meeting is February 5, 2007, at 4:00 p.m. at the Rocklin City Council Chambers.

6. ADJOURNMENT:

The meeting was adjourned at 4:31 p.m.

Respectfully submitted,

*Carrie Diller*

District Secretary