

**BRANNAN-ANDRUS LEVEE MAINTENANCE DISTRICT**

**Minutes of Thursday, May 11, 2017**

The stated meeting of the Brannan-Andrus Levee Maintenance District's Board of Directors was called to order at 10:03 by President, Larry Gardiner, on the above cited date at the District Office, 310 Second Street, Isleton, California.

**1. Roll Call.** The following were in attendance:

- Directors: Harvey Correia, Joe Deak, Gay Giles, Larry Gardiner and H. Denis Van De Maele
- Staff: Debbie Phulps, Secretary; Bruce Pisoni, Bookkeeper/Asst. Secretary; Andy Giannini, Superintendent; and Emily Pappalardo, Office of the District Engineer.
- Guest: None.

**2. Agenda Setting.** MSC (Correia / Van De Maele) adopting the Agenda as amended to include discussion of repairs necessitated by RD2067's pipe failure. [MSC = Motion-Second-Carried unanimously unless otherwise noted].

**3. Invitation to Guests.** None.

**4. Business**

**4.1 Financial - Pisoni.**

- A. Bank of Rio Vista statement was provided to Director Giles. Copies of the Balance Sheet and Unpaid Bills Detail were distributed.

Balance Sheet Summary as of meeting date:

Total Checking / Savings.....	\$	716,236.79
Total Accounts Receivable.....	\$	237,998.22
Total Other Current Assets.....	\$	880,725.50
Total Fixed Assets.....	\$	514,182.77
Total Other Assets.....	\$	7,702.00
Total Assets.....	\$	<u>2,356,845.28</u>

Total Liabilities (all Current).....	\$	171,628.46
Equity.....	\$	<u>2,185,216.82</u>
Total Liabilities and Equity.....	\$	<u>2,356,845.28</u>

- B. The following claims were submitted for payment approval.

AT&T Mobility.....	356.25	Gornto Ditching.....	17,120.00
California EDD.....	1,171.74	Kipfel; Russel.....	2,291.15
California PERS.....	4,466.74	Oilwell Materials.....	119.56
California Waste Recovery.....	130.90	Pisoni & Associates.....	1,612.71
Correia; Harvey.....	201.19	Ramos Oil.....	2,285.49
Deak; Joe.....	201.19	Reclamation Dist. 2067.....	360.00
Downey Brand.....	5,920.95	Rio Vista Ford.....	776.52
EFTPS (payroll).....	6,226.94	River News Herald (The).....	273.00
Frontier Communications.....	205.37	River Rats.....	75.00
Gardiner; Larry.....	201.19	Soluri Meserve [L.A.N.D.].....	20,700.00
Giannini; Andy.....	2,324.44	Van De Maele; H. Denis.....	201.19
Gilbert Labrie, AIA.....	46,219.87	Total Claims.....	<u>\$113,642.58</u>
Giles; Gay.....	201.19		

**MSC** (Correia / Giles) authorizing payment of the claims by the issuance of two (2) \$50,000 and one (1) \$25,000 warrants.

**4.2 Secretarial - Phulps.** **MSC** (Deak / Van De Maele) approving the minutes of the April 13, 2017 meeting as distributed. Correspondence regarding an increase in the engineering consulting hourly rates effective June 1, 2017 was read and forwarded to Bruce Pisoni.

**4.3 Encroachments.** **MSC** (Giles / Van De Maele) for BALMD to act as Lead Agency in the filing of Notices of Exemption for the following works:

- A. Schimunek Residence Reconstruction and Hard Landscaping Elements (Permit 2016-02).
- B. BALMD Project Reference 7702.57 - Emergency Rock Placement on the Mokelumne River Levee in response to the January/February high water events.
- C. BALMD Project Reference 7702.49 - Delta Bay Stability Berm: Ph 1 Emergency Response Effort, and Construction Haul Road and Access.

4.4 RD2067 pipe failure. Discussion ensued regarding the initial levee repair at the time of pipe failure, and the follow-up erosion repair effort. Since RD2067 has an active FEMA case, the cost of those repairs should be included therein.

4.5 AB 732. **MSC** (Correia / Giles) authorizing letter of support for the legislation. Correspondence to be executed by President Gardiner.

## 5. Reports

5.1 Superintendent - Giannini. Followed up on unauthorized digging in the levee at the Sonny McDowell place related to installation of an irrigation system and plantings. Owner was instructed to follow-up with the District Engineer regarding obtaining a permit for installations and for a listing of approved plants. Aebi is working well. Boom mower repairs have been undertaken in advance of performing Hwy 160 work. Andy will follow-up on placing a gate at the 100 acres access ramp.

5.2 Engineer - Pappalardo. Emily Pappalardo, representing the District Engineer's office, distributed Gil's monthly report in his absence. She responded to inquiries regarding the High Water Event claims process and status. Discussion or questions occurring during the course of the Report are noted in inset paragraphs.

- A. Levee Investment Strategy (DLIS). This study, initiated in 2014, is a Delta Stewardship Council (DSC) directed effort to develop a benefit/cost budgeting methodology relying on flood risk assessments to enable prioritization of levee project funding proposals. That effort has led to the development of a technical appendix to provide backup to the proposed Delta Plan updates, which are a requirement of the Delta Reform Act, at 5-year intervals.

The DLIS recommendations regarding "measurable Delta levee program funding objectives" could significantly impact Delta Levees Subventions Programs through the Legislative budget process. Obviously, it is critical that the policies and implementation practices that have made the Program successful be retained. To that end, it is critical that Delta stakeholder input is seriously considered when the CVFPB takes final action to adopt any updates to the Delta Plan. Consequently, the CVFCA and LMA engineering firms, have been involved in an all out effort to formally comment on the engineering assumptions, policies and recommendations generated by the DLIS consultant, as well as the effort of the Delta Protection Commission (DPC) to formalize a beneficiaries pay program funding strategy. That effort has resulted in a draft document entitled "Feasible Delta Levee Financing Options Using a *Beneficiary-Pays* Approach, Phase 1". This draft document was the subject of a DPC subcommittee meeting last month and was not very well received by members of the subcommittee. In effect, it is a work in progress that will likely get incorporated into the Delta Plan update with many caveats.

Additionally, the CVFCA, with assistance from LMA representatives and stakeholders, has developed alternative Delta Plan update amendment language for DSC consideration that strives to address key provisions directly affecting Levee Subventions Program elements. If the attempt is unsuccessful, the plan was for the alternative language to also be presented to the Flood Protection Board when it considers the DSC's recommended updates for consideration by the Board.

At this juncture the DSC continues to be unresponsive. The most recent literature regarding the Central Valley Flood Protection Plan update is giving higher priority to Systemwide Actions with measurable objectives in order to continue the investment strategy approach. In terms of levee improvements, urban areas are given the highest priority. To further complicate things, there is a concerted effort by the current administration (essentially METWD) to incorporate the Water Fix alternative into the Delta Plan so that the DSC findings that have to be made regarding any Delta project's consistency with the Delta Plan are not an impediment to the Water Fix project moving forward.

- B. Subventions Special Project (BA-15-1.0-SP). This major erosion repair project involving Sacramento River levee from Isleton to Cache Slough is covered by an officially approved Work Agreement with DWR, dated August 2015. To move forward with project development, DWR approval of a Statement of Work (SOW) was required and finally received in October 2016. That

approval opened the door for submittal of an application for an initial advance of \$209,950, primarily to cover the costs to prepare the SOW and project permitting effort costs moving forward. The advance check finally arrived in early April.

As previously reported, following approval of the SOW, this office proceeded with submitting documents to begin the permitting process and has already been interfacing with regulatory agency staff. As part of the USACE/CVFPB process, our office retained a consultant to provide the required hydraulic analysis to evaluate the impact of new channel incursions greater than 1%. Since the recent USACE project downstream of Isleton, with an incursion of 6%, was cleared by a similar analysis, the BALMD project should overcome that permitting hurdle with channel incursions of less than 6%. That hydraulic analysis report has been completed and submitted.

Some existing project site-specific environmental information was gathered earlier by an outside consultant. That effort is being followed up by the same consultant who will generate the required information to facilitate the regulatory environmental reviews that are part of the permitting process and becoming the principal focus of project effort at this time. It will be the tail wagging the dog when it comes to project implementation delays. Because of a mandatory habitat enhancement project component, coupled with the necessity to mitigate for any in-water project impacts, the environmental component of this project will involve a lot of time and effort to get all regulatory agencies on board and signing off on the final design.

- C. 2016 Special Projects Solicitation Results. As was reported to the Board in April, on March 28 a notification was released listing the PSP projects that had received final approval. BALMD's erosion repair project for the B&W bend on Georgiana Slough stayed on the list. The next step of the process, once a Work Agreement is signed with BALMD, will be preparation of an SOW. To recap, the most recent project estimate for this project is \$2.6 million. The approved State cost share percentage is 85%, leaving an ultimate District project cost of \$324,800 based on the preliminary estimate worked up for the project. The grant covers preparation of all the permitting and engineering costs, as well as construction and mitigation. SOW preparation costs are also reimbursable to the District.
- D. Delta Bay Stability Project. The three new levee monitoring devices at this location have been read more than seven times since they were installed in early June 2016. During the eight-month period, movement has continued to show up in the two new inclinometers installed in the crown and began to show up in the inclinometer installed at the levee toe. Most importantly, the readings taken in February during the peak 2017 high water event period indicated significant increases in the lateral shift, in contrast to the previous seven-month series of readings.

Based on the additional concerns generated by the February 2017 monitor readings, an on-site discussion with John Raney, the District's geotechnical consultant, resulted in the decision to employ an engineering approach utilizing a drain rock stability berm at the levee toe as a first effort to stabilize the site.

A construction strategy utilizing barged-in drain rock coupled with a shortened hauling route layout was determined to be the preferred approach to bringing material to the restricted job site and facilitating placement in the confined working space. This approach necessitated construction of a turn around road and levee access ramp on the adjacent District property, enabling empty trucks to queue up and then pull off on the road shoulder area at the junction of Sevenmile Slough with the San Joaquin River for receiving the material from a barge.

To recap, a special meeting was held on March 30 to receive bids for the drain rock stability berm project at the toe of a Delta Bay Resort levee section. Award was made on to the low bidder, the San Rafael Rock Quarry, with a price of \$426,850 [Job 7702.49.1]. Subsequently, the District advertised for bids on the construction of the turnaround road and levee access ramp needed to enable the construction process described above. It was determined to bid that portion of the project separately to enable that separate part of the operation to proceed earlier. In developing a final design and the bid documents, careful consideration was given to the amount of truck traffic anticipated on the road and the potential for change orders if the fill and travel surfaces did not hold up during use. The low bidder for this work was Asta Construction Company at \$110,313 [Job Ref. 7702.49.2. Award was made on April 13, 2017 with a Notice to Proceed issued effective April 26, 2017.

Clearing and grubbing for construction of the turnaround road began on April 27. A new culvert installation was added as a change order in order for the road to cross one of the main drainage ditches on the property. Thereafter, fill from the District's material stockpile was utilized to grade

the new dump truck turn around road and construct a new levee access ramp. The 20-foot subbase constructed during this phase became the base for placement of geotextile fabric and an aggregate base travel surface. This phase of the project is complete and construction of the stability berm is scheduled to begin on Monday, May 15, 2017.

- E. 2016-17 Subventions Program. Essentially the major construction project for the 2016-17 Fiscal Year was the repair of some deep erosion scallops along the Isleton river front that were not addressed during the last Sacramento River fall rip-rapping project in 2014. As previously reported, there was emergency rip-rap placement on the Mokelumne River levee crown because of the January/February highwater events and the prospect of continued high flows, well into the spring. Expenditures related to the Winter of 2017 events may get reimbursed through FEMA and the CDA because of the disaster assistance declarations by Governor Brown and, hopefully, legislative action. The ongoing urgency project at Delta Bay, which is discussed above, has been included in the list of items submitted pursuant to the disaster declarations. If not, costs could be included in the 2016-17 Levee Subventions claim or some rolled into the 2017-18 Fiscal Year, which begins July 1, 2017.

For potential bidding and construction in 2017-18, this office can finish preparing bid packages for the revised B&W French Drain and Gardiner Drainage Blanket and Toe Ditch removal projects so those projects could be considered when funds are available

- F. Flood Watch. The January and February 2017 weather patterns and precipitation concentrations resulted in Cosumnes River generated flooding primarily in the north Delta.

In terms of Brannan-Andrus, previous high water events have involved the Mokelumne River and lower reach of Georgiana Slough. Because of the a continuing high water threat in the San Joaquin River system a decision was made to utilize the standby rip-rap, on the barge originally moored at the tip of Staten Island, to bolster the Mokelumne River crown cap to improve its defense against wind and wave driven overtopping. That material was utilized to raise the height of the water-side edge of the Mokelumne River levee crown from the tip of Perry's Island to Rancho Resort for the additional overtopping protection. The cost of the effort is now part of the District's FEMA Public Assistance claim because of a 60-day recovery period allowance.

## **6. Director Reports**

6.1 Deak will be absent from the June stated meeting.

6.2 Giles will be absent from the July stated meeting.

**7. Adjournment.** With no further business to come before the Board, the meeting was adjourned at 10:47 a.m.

Respectfully submitted,

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Debbie Phulps, District Secretary  
DCC Engineering Co., Inc.

Date Approved: June 8, 2017  
MSC: Correia / Van De Maele