



**MINUTES OF A REGULAR MEETING OF  
THE BOARD OF SUPERVISORS OF  
LAKE WORTH DRAINAGE DISTRICT  
HELD AT THE DELRAY BEACH OFFICE ON  
FEBRUARY 14, 2018 AT 8:30 A.M.**

**Board Members Present:**

James M. Alderman  
John I. Whitworth, III

Steve Bedner  
Jeffrey P. Phipps, Sr.

Harry Raucher

**1. Call to Order**

President Alderman called the meeting to order at 8:30 A.M.

**2. Pledge of Allegiance**

Mr. Whitworth led the Pledge of Allegiance.

**3. Employee of the Quarter Presentation**

- **Vickie Demerski, Executive Assistant, Operations & Maintenance**

Employee Committee Member Kelsey Smith announced Vickie Demerski, Executive Assistant, Operations & Maintenance, as the Employee of the Quarter for October-December 2017. Ms. Demerski was recognized for her outstanding efforts to respond to public inquiries and effectively address questions and concerns, particularly during storm events such as Hurricane Irma.

**4. Employee of the Year Presentation:**

- **Vickie Demerski, Executive Assistant, Operations & Maintenance**

Mr. Brown stated that the Employee of the Year was selected from the recipients of the Employee of the Quarter awards. Mr. Brown announced that Vickie Demerski was selected as the 2017 Employee of the Year. The Board thanked Vickie for her dedication and service to the District.

**5. Agenda Revisions – Robert M. Brown, Executive Director**

There were no agenda revisions.

**6. Abstentions by Board Members from items on the Agenda**

There were no abstentions.



## **7. General Public Comment**

Mike Rayball, representing Leisure Lakes Circle Condominiums, commented on the ongoing issues and necessary repairs to the bulkheads in their community on the E-4 Canal. Mr. Rayball stated the Condominium Association is supportive of the proposed repair of the failing seawall and will contribute up to \$50,000 towards the project, with the District contributing the remaining funds. Mr. Rayball shared that residents are awaiting approval of committed funding from the Condominium Association.

Mr. Brown stated that the District is agreeable to cost-share project costs over \$50,000 subject to an approved remediation plan and construction estimate. Repairs are expected to include the encapsulation of the current bulkhead which contains asbestos and then installing rip-rap along the canal bank. Mr. Brown stated there are additional issues with other bulkheads in the larger Leisureville area. Staff initiated an engineering study to investigate the condition of these bulkheads to determine the best alternative for remediation.

## **CONSENT**

- 8. Board comment or request to pull items from Consent Agenda**
- 9. Approval of minutes, check register and financial statement for the previous month**
- 10. Approval of contract with Coker Consulting, LLC for legislative consulting services - Reagan Walker, Director of Administrative Services**
- 11. Approval of revisions to District Operating Policies: Chapter 2 - Fees; Chapter 3.6 - Docks, Davits, Boat Lifts and Bulkheads; Chapter 4.8 - Use of Right-of-Way as Temporary Access – Jim Fandrey, Asst. Director, Right-of-Way**
- 12. Board Vote on Consent Agenda**

*A motion was made by Supervisor Raucher to approve the Consent Agenda, seconded by Senior Vice President Bedner and approved unanimously.*

## **WORKSHOP**

- 13. Alternative Improvements Evaluation: Control Structure 20 / E-1W-S Canal / L-43W Canal – Tommy Strowd, Director of Operations & Maintenance**

Mr. Strowd stated that over the past 20 years, concerns have been raised by local communities over the design and operation of Control Structure 20 and E-1W-S and L-43W Canals. These concerns generally include flood control issues associated with the Boca Greens Development. He presented information on the history of land use changes and water management in this area and shared photographs of recent localized street flooding following heavy rain events.



Mr. Strowd stated that Mock, Roos & Associates, Inc. conducted an evaluation of the structural conditions of key flood control components in this area including Control Structure 20 and the culvert crossing at the intersection of the E-1W-S and Hillsboro Canals. They also evaluated the design standard in the context of recent land use changes and conveyance capacities of the major drainage features. Mr. Strowd stated that Control Structure 20 needs some structural repairs including: replacement of gates and mechanical operators with stainless steel systems; addition of automated gear box for associated electrical power supplies and SCADA system; and construction of reinforced concrete facing the near waterline to protect exposed steel from further deterioration. The estimate for refurbishment/ repairs is approximately \$760,000.

Mr. Strowd stated that the evaluation indicated sufficient hydraulic capacity exists for Control Structure 20 and the culvert at E-1W-S and the Hillsboro Canals. Therefore, there was no need to replace structures based on conveyance capacity issues. Due to excessive age of the culvert crossing, the District will consider replacement of the culvert with a reinforced concrete box culvert to maximize movement of floating vegetation. The construction estimate is \$1,230,000. The construction funding for both Control Structure 20 repairs and the culvert replacement totals \$1,990,000.

Mr. Strowd discussed the conveyance capacity of the E-1W-S and L-43W Canals in conjunction with the adjacent L-40 Levee, which is a federally authorized dam. Due to the rock in this area, blasting would be required to increase the size and capacity of the canals. The estimated construction costs totaled \$4,760,000. The design evaluation indicated that increasing the size of the canals does not provide a significant benefit to the upstream communities, including Boca Green.

Based on the evaluation results and benefit cost-analysis, Mr. Strowd recommended that the District focus on updating the water control structures for necessary repairs rather than widening the canal.

## **DISCUSSION**

### **14. Surplus sale of 5.165 acres of S-4E Canal right-of-way. Location: Southwest quadrant of State Road 7 and Southern Boulevard (Project #16-9682P.05) – Robert M. Brown, Executive Director**

Mr. Brown stated that the District received written confirmation from B. Tuttle (The Wallace Law Group) expressing no interest or objection to the bid award and purchase of S-4E Canal surplus lands. The bid award of \$977,791 to Southern Blvd. Villas, Inc. was confirmed subject to the District's closing conditions.

## **STAFF REPORTS**

### **15. Executive Director's Report**

Mr. Brown stated that the proposed Senate Bill 574 reinforces the District's ability to remove vegetation on its rights-of-way for purposes of flood protection and flood control. He shared that a final report on the 2018 legislative session would be presented at a future board meeting.



### **Director of Operations and Maintenance**

Mr. Strowd stated the SCADA system is installed and operable at all nine control structure sites. The contractor is working with staff to link the sites to the District for centralized, remote operation.

Mr. LasCasas updated the Board on the progress of the Canal Rehabilitation Program. In the last 12 months, the District cleared a total of 24.93 miles of vegetation on its canal rights-of-way: LWDD – 15.12 miles; Contracted Services – 7.38 miles; Developer – 2.43 miles. To date, 42.86 miles or 28.5% of encumbered rights-of-way have been cleared of vegetation.

### **Director of Administrative Services**

Ms. Walker stated that District staff is planning a demonstration and tour of the SCADA system at Control Structure 11 at a future meeting.

### **Director of Finance**

Ms. Hoyt stated that the District received required Florida Retirement System information from the actuary. She expects the audit to be completed and presented for approval at the April board meeting.

### **District Counsel**

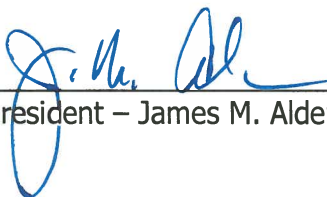
Mr. Perry had nothing additional to report.

### **16. Board Comment**

There was no additional Board comment.

### **17. Adjourn**

There being no further business, the meeting adjourned at 10:30 A.M.

  
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President – James M. Alderman

  
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Recording Secretary – Reagan Walker

