



Captiva Erosion Prevention District

Regular Board Meeting

Monday, February 8, 2021

Location: Zoom

1. Call to Order

2. Roll Call

- The following persons were in attendance:
 - CEPD Commissioners:
 - Seat 1, Harry Kaiser, Secretary
 - Seat 2, René Miville, Chairman
 - Seat 3, Michael Mullins, Commissioner
 - Seat 4, John Silvia, Vice Chairman
 - Seat 5, Richard Pyle, Treasurer
 - CEPD Staff:
 - John Riegert, Administrative Director
 - Daniel Munt, Technical Policy Director
 - Jennifer Nelson, Executive Director
 - CEPD Contractors:
 - Tom Pierro, Coastal Engineering/APTIM
 - Steve Keene, APTIM
 - Nicole Sharpe, APTIM
 - Kelly Sloan, SCCF
 - Ryan Orgera, SCCF
 - Jason Smith, Accountant
 - Bob Gray, Consultant
 - CEPD Attorney: Ralf Brookes
 - Members of the Public:
 - Susie Henry, resident
 - Mike Campbell, Lee County

3. Beach Nourishment Project Updates

A. APTIM

- Beach Renourishment Design Update and Bidding Approach
 - Mr. Pierro provided an update on the design and preparation for the upcoming renourishment project and the methodology used in order to arrive at the bidding approach, including the engineering report from in August 2018 and the subsequent surveys and feedback received.
 - Itemized, estimated construction costs from the August 2018 report were presented. The two primary costs identified were for mobilization and demobilization (estimated at \$7.5M), and for beach and dune fill costs (estimated at \$17.3M for 900,000 cubic yards).
 - The total estimate for the construction project in 2018 was \$28.3M.
 - 2020 construction options were reviewed and the variables between each scenario were summarized.
 - Mr. Pierro presented a project matrix and discussed the differences between the potential options such as timing, renourishment intervals, erosion rates, start dates, and fill volume. The estimated total cost of each of these options were noted.
 - A bid announcement, previously presented at a CEPD workshop, was reviewed. Factors which are anticipated to impact costs were discussed, including the flexibility of the timeline, contractor risks, the means and methods of construction, sea turtle nesting requirements, and others.
- Discussion was invited.
 - Secretary Kaiser shared his recommendation based on the information presented.
 - Chairman Miville requested additional information regarding the typical cost of materials compared to the distance required.
 - The bid announcement will go out to the industry online via bid platforms. Mr. Pierro stated that there are a limited number of companies equipped with the proper dredgers to perform the project.
 - Chairman Miville requested clarification regarding the difference in yardage. Mr. Pierro stated that the initial estimate was calculated based on the 2018 report and projected erosion. Subsequent surveys have indicated that the rate of erosion was lower than predicted.
 - The potential mobilization impacts on Turner Beach were discussed.
 - Treasurer Pyle requested clarification regarding the differences between an 8-year interval and a 10-year interval. Discussion was held regarding the unpredictable nature of storms and erosion.
 - Commissioner Mullins stated that if another renourishment is needed prior to the end of the apportionment, the result may be overlapping apportionments from two separate projects. He discussed the timeline of the project as it relates to the 12-month window and encouraged that this issue is further explored. He also stated that if the bid amounts permit, it may be an option to increase the amount of sand in the project. Mr. Pierro agreed and expressed that the same may be

true in the opposite manner (high bids creating the need to reduce the amount of sand placed).

- Mr. Pierro clarified that in this industry bids are typically accepted based on price and that schedules are provided for informational purposes, but a value-based selection may be a possibility to explore
- The timeline for publicizing the bid announcement and bid invitation was discussed.
- Ms. Henry requested clarification about the physical impact of the amount of sand being discussed. Chairman Miville stated that it was hard to predict due to many factors, but the beach could go out somewhere between 70 feet to 150 feet of beach. Mr. Pierro clarified that the uniform protection width that the project attempts to establish is 90 feet and the dune is generally included in this. The dune does not have a design commitment associated with it.
- Commissioner Mullins reminded attendees that a public hearing would be held to invite additional questions and comments from the public.
- A pre-construction survey will be performed to ensure that discrepancies which may exist are addressed. Differences between past projects and the current one were discussed (i.e., 12-month period and sea turtle nest relocation). Erosion patterns were discussed.
- Chairman Miville, Commissioner Mullins, Treasurer Pyle, and Secretary Kaiser expressed that they would like for Mr. Pierro to proceed with his ongoing project based on the higher sand volume (600,000 cubic yards).
- No vote was held at this time. A special meeting will be held with physical quorum if a vote is needed on additional steps.

B. SCCF

- Ryan Orgera and Kelly Sloan from the SCCF were introduced.
- Monitoring and Nest Relocation
 - Mr. Orgera stated that some of the project will occur during peak turtle season. Ms. Sloan will be overseeing the process. All standards for this project are in accordance with existing FWC regulations.
 - Nest relocation cannot be performed by volunteers, only by paid staff who have been specifically trained to do so. A minimum of three biologists will be hired for the project.
 - The proposed cost for turtle relocation is estimated at a minimum of \$120,000 should the project take up 45 days of turtle season. The estimate will be adjusted based on the bids received.
 - The 65-day subsequent rule was highlighted. Mr. Orgera discussed clustering regulations. The \$600 cost for next relocation during peak season includes digging up, removing, renesting, and additional monitoring and associated reporting.
- Research Proposal

- SCCF proposes that the CEPD provide \$45,000 of funds toward research and the SCCF would provide \$20,000 cost share in both in-kind and material costs.
- Ms. Sloan presented the SCCF's proposal for evaluating low sea turtle productivity on Captiva Island in recent years and the direct and indirect effects of beach renourishment on sea turtles.
- The methodology of the proposed research was briefly described.
- Questions were invited.
 - Replication of conditions when moving turtles will be done in accordance with the details from the FWC laid out in the permit. Guidelines in the DEP permit will be closely followed by the SCCF.
 - Research costs are separate from the project costs. The research costs cover primarily laboratory fees associated with the research project.
 - Treasurer Pyle expressed his support for the separate research project.
- A vote would be necessary if the Board would like to move forward with the project. A physical quorum would be necessary to hold a vote. Commissioner Mullins expressed his support for the research project and suggested that a special meeting be held within the next few weeks. Vice Chairman Silvia agreed. Discussion regarding how to meet the need for physical quorum was held.
- A meeting for sea level rise will be held with seven-day notice.

4. Approval of Minutes

- It was noted that Secretary Kaiser was no longer in attendance.
- Commissioner Mullins motioned to waive the reading of the minutes and to accept all listed meeting minutes as written. Treasurer Pyle seconded the motion. Discussion was invited. A vote was held and the motion passed.
 - In Favor: Commissioner Mullins, Treasurer Pyle, Chairman Miville, Vice Chairman Silvia.
 - Absent: Secretary Kaiser

- A. December 11, 2020 Apportionment Meeting
- B. January 11, 2021 Board Meeting
- C. January 14, 2021 Apportionment Meeting
- D. January 21, 2021 Apportionment Meeting

5. Financial Reports

A. Budget Performance

- Mr. Jason Smith (CEPD accountant) led the discussion regarding the January financial report. Most of the tax revenue has been received. The General Fund shows a net income of \$450,000 and the Capital Projects Fund reflects a net income of \$420,000. Parking revenue was consistent with past months at \$51,000.
- Discussion was held regarding net income. Mr. Smith stated that the biggest increase in net income in the General Fund is due to property tax increase. Treasurer Pyle stated that, year-to-date, the net income of the General Fund is up about 10% from the previous year.

- Commissioner Mullins suggested future use of a percentage of the parking revenue for habitat protection and research.
- B. Parking Lot
- Monthly Sales Revenue – Parking revenue is tracking and trending at approximately \$50,000.
- C. TDC Reimbursement Request Q1 2021
- Mr. Riegert presented the TDC Reimbursement Request Q1 2021
 - CEPD Captiva Renourishment – \$13,000
 - CEPD Beach Park Facility Maintenance - \$24,781
 - The TDC grant request is due February 25, 2021.
- D. Audit Approval
- Treasurer Pyle moved to accept the Fiscal 2020 Audit that was previously submitted to the Commissioners. Vice Chairman Silvia seconded the motion. Discussion was invited. A vote was held and the motion passed.
 - In Favor: Commissioner Mullins, Treasurer Pyle, Vice Chairman Silvia, Chairman Miville.
 - Absent: Secretary Kaiser
6. Old Business
- A. LuxuryLav Trailer
- Sold to Prestigious Restrooms for \$33,000
 - Total cost of project to date \$54,674.65
 - Trailer - \$42,376
 - Engineering - \$10,110
 - Storage for 15 months - \$2,188.65
 - Ms. Nelson will be meeting with Lee County to discuss the option of a permanent restroom structure.
 - It is unknown at this time if the funds previously granted by TDC for the trailer will need to be returned. The CEPD had a loss of approximately \$20,000 on the project.
7. New Business
- A. Bank of the Islands
- A dual-approval process will be continued.
 - Signature Cards
 - Remove
 - Michael Mullins
 - Add
 - René Miville
 - Jennifer Nelson
 - Commissioner Mullins motioned to approve new Signature Cards at Bank of the Islands including the following changes: removal of Commissioner Michael Mullins, keeping Treasurer Richard Pyle, and adding Chairman René Miville and

Administrator Jennifer Nelson. Treasurer Pyle seconded the motion. Discussion was invited. A vote was held and the motion passed.

- In Favor: Commissioner Mullins, Treasurer Pyle, Vice Chairman Silvia, Chairman Miville.
- Absent: Secretary Kaiser

8. Administrative Report

A. Parking Lot Issues and Parks & Recreation

- It was requested that agenda items 8(B) and 8(D) were addressed first. This agenda item was skipped at this time.

B. Monitoring with GIS System

- Mr. Munt presented on the use of the GIS system for beach monitoring purposes. The license and access are being provided at no cost to the CEPD. A month's worth of data has been collected with the app and was used in the presentation. The data utilizes GPS which allows for a story map (a visual representation of the data). Mr. Munt demonstrated how the data can be utilized.
- The system allows for the use of both County data and staff-generated data to prepare specialized maps and visualizations.
- The data is updated on an ongoing basis. One of the benefits of the system would be the ability to track progress during renourishment.
- Board members were invited to do a beach monitoring ride-along to see real-world application of the technology.
- Commissioner Mullins asked if it may be useful in demonstrating the erosion control line. Mr. Munt confirmed.
- Discussion was held regarding the specific requirements which the CEPD or constituents may have which may be addressed by this technology.

C. Newsletter

- It was previously requested that agenda items 8(B) and 8(D) were addressed first. This agenda item was skipped at this time.

D. Apportionment

- Mr. Munt stated that the CEPD has held two apportionment workshops in the past month. There has been no change to the methodology or the numbers. Questions were invited.
 - Commissioner Mullins asked if a timeline for next steps has been planned for the apportionment. Mr. Munt replied that the next step is to get bids in to solidify the cost. Commissioner Mullins clarified his question. Chairman Miville stated that discussion with Mr. Tom Pierro is needed. He will follow up within the next week. Commissioner Mullins clarified that his question is not regarding costs of the project, but about next steps in the apportionment process. He summarized the apportionment process.
 - CEPD Administration will read the enabling legislation and develop a timeline for the apportionment process. In March 2021 the Board will vote on which methodology to present to the public for input.

8(A). Parking Lot Issues and Parks & Recreation

- Mr. Riegert provided updates regarding the parking lot.
- A site visit was held with a representative of Parks & Recreation. The positions of some fixtures (e.g., bike racks, trash cans) were changed and the streamlining of signage is in the works.
- Chairman Miville suggested paving the parking lot. This has been explored and there are obstacles. Mr. Riegert is getting estimates for pavers. Discussion regarding pavers was held. No steps will be taken without approval from the Board.

9. Commissioners' Comments

- Commissioner Mullins commented on the implementation of adding structure and order to the meeting via hand-raising and the encouraged enforcement with Board members and the public.
- Chairman Miville requested clarification on signs seen on some lanes. Treasurer Pyle clarified that these signs were placed on private lanes. The lanes do allow for public access by foot. Treasurer Pyle stated that the verbiage on the signs is "Private Lane, No Unauthorized Vehicles" Discussion regarding the signage was held.
- Commissioner Miville requested that the previously skipped Newsletter agenda item be discussed.

8(C). Newsletter

- Chairman Miville reminded the Board that he would like the opportunity to take portraits of Board members for the CEPD newsletter.

10. Public Comments – Limit 3 minutes per person

- No members of the public provided comment at this time.

11. Adjournment

- Commissioner Mullins motioned to adjourn the meeting. Chairman Miville seconded the motion. The meeting was adjourned.