

Sebastian Inlet Tax District

Wednesday, August 14, 2019 4:00 p.m.

Regular Commission Meeting

Sebastian Inlet District Office

Indianapolis, Florida

Minutes

Present at the meeting were Chairman Jenny Lawton Seal, Commissioners Lisa Frazier, Chris Hendricks, Beth Mitchell. Vice Chairman Michael Rowland was excused absent. Also in attendance were: Executive Director James Gray, Contracts & Accounting Manager Dave Kershaw, Public Information Associate Michelle Malyn, District legal counsel Jack Kirschenbaum, Sebastian Inlet State Park Manager Jennifer Roberts, Dr. Gary Zarillo (FIT), Kristen Becker (FIT), Peter Seidle (ATM), Claudia Listopad (Applied Ecology), Walker Dawson (Brevard County Natural Resources Dept.), Ansom Habib (FIT), Bryan Flynn (ESA), Kendra Cope (Indian River County) and Patty Goffinet (Blue Tube).

Under Agenda Item I

Call to Order – Chairman Lawton Seal called the meeting to order at 4:00 p.m. and asked everyone to observe a moment of silence in remembering former Sebastian Inlet District Commissioner Dave Pasley who passed away on July 24, 2019. Chairman Lawton Seal noted that Commissioner Pasley was such a great friend and tireless advocate for Sebastian Inlet State Park and the District. He served as a Commissioner from 2014 to 2018 and is survived by his wife Pat. A memorial will be held on Saturday, August 17 at 11:00 a.m. at Immaculate Conception Church in Melbourne Beach.

Under Agenda Item II

Approval of the Minutes of the regular Commission meeting of July 10, 2019 – Commissioner Mitchell made a motion to approve the minutes. Commissioner Hendricks seconded the motion. **Motion carried 4-0.**

Under Agenda Item III

Information and Discussion Agenda

- A. Media and Information – There was no discussion of the contents of the media packet.
- B. Executive Director's Reports
 1. Update on Permit-Required 2019 Post-Construction Monitoring – Mr. Gray reported that all construction related monitoring has been going well. Hardbottom monitoring has been completed, and CSA Ocean Sciences is on schedule to submit raw data and final reports. Aerial photography has been completed as a precursor to seagrass monitoring which has also been completed. The final report is on schedule to be completed and submitted to regulatory agencies. The physical monitoring report is currently underway with ATM finalizing that for submission and sea turtle monitoring is ongoing for the 2019 nesting season through October.
 2. Update on FDEP 19IR1 Grant Reimbursement – Mr. Gray shared that SID had submitted this grant reimbursement request on July 11, 2019. To date, SID has received \$48,785.06. These funds were carry-over funds from a previous grant (14IR4) that were due to get reverted, but we were able to roll that into a new grant as reflected here.
 3. Update on FDEP FY 20/21 Local Government Funding Request – Mr. Gray noted this additional funding request had been submitted to the FDEP Beaches Funding Assistance Program for reimbursement of costs related to the 2018/2019 Sand Trap Dredging and Beach Placement project for coming FY 20/21. Staff requested cost-share funds in the amount of \$498,750 total. For construction and engineering costs not State appropriated in FY 19/20, in the amount of \$262,500, and permit-required 2020 post-construction monitoring, in the amount of \$236,250. If funding is appropriated for the SID in the FY 20/21 Legislative session, SID

and FDEP will need to enter into a cost-sharing agreement.

4. Discussion of Consent Agenda –Mr. Gray detailed consent agenda items.

a. Authorized work for Commission Review: None at this time.

b. Recommended for Approval:

1. FDEP Grant Agreement No. 20IR1-Sebastian Inlet IMP Implementation

Mr. Gray reported that SID had previously requested cost-share funds, appropriated and subsequently received by FDEP for the current fiscal year, FY 19/20, to assist eligible governmental entities for beach erosion control activities under the Florida Beach Management Funding Assistance Program. FDEP has issued Agreement No. 20IR1 to commit state funds for the partial reimbursement of the 2018/2019 Sand Trap Dredging and Beach Placement project. The agreement commits up to \$3,818,648 at a cost-share ratio of 75% State and 25% Local, with a \$2,864,736 maximum State reimbursement and local share cost of \$954,912. Commissioner Frazier asked for clarification on all grant agreements pertaining to the recently completed project, as referenced.

2. 2018/2019 Sand Trap Dredging and Beach Placement Change Order No. 2 – Ferreira Construction

Mr. Gray indicated that the Commission was anticipating this change order, per reports at the May meeting where staff indicated there may be a need to dredge an additional 20,000 cubic yards of materials from the Sand Trap and navigational channel, over and above the contracted amount. At that time and in an effort to keep the project moving, the Commission approved a not-to-exceed change order in the amount of \$240,000, or 20,000 cubic yards at \$12/cubic yard. Per ATM's as-built surveys, final volume dredged from the Sand Trap and placed on the beach was 113,571.90 cubic yards (119,000 cubic yards contracted) and 48,630 cubic yards from a small remaining section of the Sand Trap and navigation channel (30,000 cubic yards contracted). With final volumes now quantified, this change order is in the amount of \$150,280.65, increasing the contract amount with Ferreira Constructions Southern Division Co, Inc. from \$2,945,943 to \$3,096,223.65

3. 2018/2019 Sand Trap Dredging and Beach Placement Final Payment and Full Release of Retainage – Ferreira Construction

Mr. Gray noted that work is 100% complete. Ferreira has submitted a final invoice, Application for Payment No. 8, requesting the full release of retainage withheld by SID. Pursuant to the construction contract, Ferreira has also provided documentation showing that all liens of firms and individuals contracting directly with or directly employed by Ferreira have been paid in full. Commissioner Mitchell addressed Park Manager Jennifer Roberts and asked for her feedback on how the contractors cleaned up the work sites and areas within the State Park. Mrs. Roberts indicated Ferreira left all work areas in the same or better shape than when the project started.

4. Work Order No. 1718-011-ATM-Change Order No. 1, Applied Technology and Management, Inc.- Construction Phase Services

Mr. Gray reviewed the details of the original contract with ATM, as approved, for the recent project. As previously noted, the project timeframe was extended (142 days from 100), the scope was expanded, and there was a re-bid process. All of these factors were not anticipated as part of the original contract and caused additional cost to be incurred. This change order is in the amount of \$40,227, increasing the contract from \$113,740 to \$153,967.

5. Work Order No. 1819-005-FIT-Change Order No. 1, Florida Institute of Technology-Turbidity Monitoring

Mr. Gray reiterated the delays that occurred with the recent project, changing the scope of permit-

required turbidity monitoring as conducted by FIT, as the initial timeframe for monitoring when the work order was awarded was January-April 2019. Active construction was extended through June 8, 2019. This change order is in the amount of \$5,000, increasing the contract from \$47,610 to \$52,610. Mr. Gray verified that this and all other change orders would be eligible for the 75% State cost-share funds. Commissioner Mitchell asked Mr. Gray for an accounting of total project cost and total expected reimbursement from State cost-share funding. Mr. Gray noted \$3.2M as total cost, with 75% in cost-share funding for a total of \$2.4. SID local funding requirement for the project is \$800,000.

6. Work Order No. 1819-015-CRI (Carr Riggs Ingram)-Audit of Financial Statements for the Period Ending September 30, 2019 and Florida Single Audit Requirement

Mr. Kershaw noted that the audit process will be different for FY 18-19 because SID will have received and expended more than \$750,000 in State Funds which triggers the Florida Single Audit Requirement. This increases the scope of the audit to be conducted by CRI with a nominal cost increase - \$19,500 for financial audit, and \$4,500 for the single audit. Mr. Kershaw noted the engagement letter in Commission packets for review and approval.

7. Office Lease-September 1, 2019 to August 31, 2020

Mr. Kershaw noted that the lease expires this month, and he and Mr. Gray had been negotiating with the landlord. In exchange for cost-sharing on new floor covering that has reached the end of its life expectancy, the landlord has presented us with a 3-year lease option. In year 1, it includes an increase of \$50/month to \$1,475. In year 2, it includes a \$0 increase staying level at \$1,475, and in year 3 an increase of \$25/month to \$1,500/month.

- C. Public Outreach Activities – Mrs. Malyn referred to a summary of activities in the Commission packets, along with all details and staging maps for the community centennial celebration at SISP on Saturday, September 14. Mrs. Malyn asked that Commissioners give consideration to helping us identify two volunteers to help at the Sebastian Inlet District booth that day. Mrs. Malyn also noted that a professional photographer would be taking Commission headshots at the regularly scheduled September 11 meeting at the SISP Fishing Museum. An email will go out with all the particulars and Mrs. Malyn has asked anyone not planning on attending that meeting to contact her to arrange a make-up session.

Under Agenda Item IV

Detailed Budget Discussion-FY2019-2020

Mr. Gray and Mr. Kershaw reiterated that the Tentative Millage & Budget Hearing was scheduled for 5:30 p.m. on Wednesday, September 11, immediately following the regularly scheduled monthly Commission meeting at SISP Fishing Museum. The Final Millage & Budget Hearing is scheduled for Wednesday, September 25 at 5:01 p.m. at the Sebastian Inlet District offices. Mr. Gray and Mr. Kershaw reviewed the changes to the budget since its review in July. Including the rollback rate of 0.0831 mills, agreed upon via resolution at the July meeting, the budget projects \$2.2M in tax revenue for SID. On the expense side, "General Admin" has been increased to account for some of the general office improvements Mr. Gray has noted over the past few months, including the cost-share flooring, painting and cabinetry. "Public Awareness.." has been increased from \$50,000 to \$65,000 to account for funds related to the coffee table book that will not be expended in this FY. Finally, there is a reduction in "Safety Management" from \$90,000 to \$50,000. Those are the only changes since last review.

Under Agenda Item V

Update on the Brevard County Save Our Lagoon Project-Walker Dawson and Brandon Smith, Brevard County

Mr. Dawson noted the catastrophic algal bloom in 2011 that resulted in an almost total collapse of our seagrass throughout the IRL, spanning from Sebastian Inlet up to Mosquito Lagoon. A major component in the equation is nutrients with multiple external and internal sources, including; lawn chemicals/debris, agricultural run-off, atmospheric deposition, stormwater, waste water treatment facility discharges, septic systems and muck flux (internal). Muck is a legacy load from decades of neglect and nutrient loading into the lagoon. Today, muck is the most

significant contributor and Mr. Dawson showed how trends in those nutrient sources have changed over time. Community education centered around Brevard County's adoption of the Save Our Lagoon Plan - Reduce, Restore, Remove, Respond. Mr. Dawson highlighted examples of each. Reduce: fertilizer reductions, Wastewater Treatment facility upgrades, Septic to Sewer conversions. Restore: oyster bar and living shoreline installations. Remove: dredging muck. Respond: measure progress and performance of projects to prioritize best strategies. All of Brevard County's projects fall into these four categories and are listed on Save Our Lagoon website (<https://www.brevardfl.gov/SaveOurLagoon/Home>). Currently, approximately 128 projects as part of the 10-year plan. Mr. Dawson noted the need to engage the public and the Citizen's Oversight Committee that meets monthly, as well as the Brevard County Commission in executing on this work. Currently, 35 projects are either in progress or in-design, and Mr. Dawson noted the sometimes significant lead time to plan, design and permit the projects. To date, the Save Our Lagoon Plan has removed 15,000 lbs. of nitrogen and 1,500 lbs. of phosphorus from the system. Commissioner Hendricks requested a copy of the PPT and Mr. Gray noted he would distribute it electronically to all Commissioners.

Under Agenda Item VI

2019 State of the Inlet Report – Dr. Gary Zarillo, Florida Institute of Technology

Dr. Zarillo presented a detailed report with data and findings in draft form to the Commission (see attached 2019 State of the Inlet Report), noting that a final, edited master copy of the entire report will be presented to Mr. Gray for distribution. Conclusions:

1. Inlet sand reservoirs are in a long-term dynamic equilibrium characterized by occasional large seasonal changes in volume superimposed on longer term trends of a lower order of magnitude.

2. Examination of coastal sea level changes and sand volume between 2006 and 2019 revealed two important processes;
3. Sebastian Inlet sand reservoirs and adjacent beaches undergo periods of regional sand volume losses and periods of volume gains.
4. Sea level records measured at Sebastian Inlet indicate that periods of increasing sand volume correspond to periods of falling sea level.
5. Periods of rising sea level correspond to periods of sand volume losses.

6. Sand volume gains within the inlet sand budget cell are more than offset by sand placement on the south side of Sebastian Inlet.
7. Shorelines have been in retreat since 2008.

Under Agenda Item VII

Park Matters – Jennifer Roberts, SISP Park Manager

SISP Turtle Walks have concluded. Current nest counts are 702 Loggerhead, 545 Green, and 3 Leatherback. Mrs. Roberts reported a lot of hatchling activity at present. Mrs. Roberts reported that she has gotten a few phone calls and emails re: easements so there has been movement on that project. Mr. Gray confirmed continuing work behind the scenes. Mrs. Roberts noted a call and meeting with FDOT, interested in either restoring or replacing the bridge over the inlet. It will begin with a 2-year study. They are interested in widening it to accommodate a pedestrian/bicycle lane and raising the height of the bridge.

Mrs. Roberts introduced Patty Goffinet, founder of the non-profit organization Blue Tube. At the June meeting, the Commission had tabled action on this item requesting additional information. Presented as a possible partnership opportunity to mount four (4) Blue Tube units at Sebastian Inlet State Park for a reduced sponsorship fee of \$520, the easily identifiable units would be stocked by Rangers and volunteers so that park guests could help keep the park and beaches clean. In return for sponsorship, the SID logo would appear on each of the Blue Tube units. Mrs. Goffinet highlighted her trip to the North Atlantic Gyre in 2012 that inspired Blue Tube. They are mounted on area beach boardwalks and crossover. She showed a sample Blue Tube. There are approximately 200 Blue Tubes on Florida's East Central Coast, down to West Palm Beach, as this is Mrs. Goffinet's home. Beach communities in North Carolina are interested and two (2) State Parks currently have Blue Tube units. Mrs. Goffinet formally requested that SID sponsor Blue Tube units at SISP. Chair Lawton Seal asked if the fee was annual or one-time. Mrs. Goffinet indicated

one-time for the life of the Blue Tube. Chairman Lawton Seal said it was a very good project and noted that Blue Tube sponsorship would need to be added to the next Commission meeting agenda for discussion and formal action.

Under Agenda Item VIII

Legal Counsel Update – Nothing at this time.

Under Agenda Item IX

Public Comment Period – Nothing at this time.

Under Agenda Item X

Consent Agenda – Commissioner Mitchell moved to approve the consent agenda. Commissioner Frazier seconded.

Motion carried 4-0.

Under Agenda Item XI

Commissioner Items – None noted.

Under Agenda Item XII

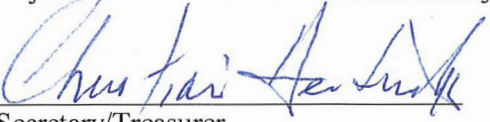
Unfinished Business – Nothing at this time.

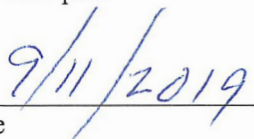
Under Agenda Item XIII

New Business – Nothing at this time.

Under Agenda Item XIV

Adjournment – Chairman Lawton Seal adjourned the meeting at 6:10 p.m.


Secretary/Treasurer


Date