

**MINUTES OF MEETING
SUNSHINE WATER CONTROL DISTRICT**

The Board of Supervisors of the Sunshine Water Control District held a Virtual/Telephonic Public Meeting on June 17, 2020, at 6:30 p.m., at <https://us04web.zoom.us/j/72459507828?pwd=bjJ3NDZvRndyeDhGVGlhaUJaMFIUUT09> and 1-646-558-8656, meeting number 724 5950 7828, password 799539.

Present at the meeting, via telephone, were:

Joe Morera	President
Daniel Prudhomme	Vice President
Ivan Ortiz	Secretary

Also present, via telephone, were:

Cindy Cerbone	District Manager
Daniel Rom	Wrathell, Hunt and Associates, LLC (WHA)
Al Malefatto	District Counsel
Orlando Rubio	District Engineer
Steve Smith	Craig A. Smith & Associates, Inc. (CAS)
Cory Selchan	Field Superintendent
John McKune	Engineering Consultant
Larry Smith	Smith Engineering Consultants, Inc. (SEC)

FIRST ORDER OF BUSINESS

Call to Order

Ms. Cerbone called the meeting to order at 6:30 p.m. In consideration of the COVID-19 pandemic, this meeting was being held virtually, via Zoom, and telephonically, as permitted under the Florida Governor's Executive Orders 20-69, 20-139, 20-112 and 20-114, which allow local governmental public meetings to occur by means of communications media technology, including virtually and telephonically, through June 30, 2020. The meeting was advertised to be held virtually and telephonically and the meeting agenda was posted on the District's website. District Staff collaborated to ensure that the notice published in the local newspaper and online met the requirements of the Governor's Executive Orders.

SECOND ORDER OF BUSINESS

Roll Call

Ms. Cerbone stated Supervisors Morera, Prudhomme and Ortiz were present.

THIRD ORDER OF BUSINESS

Pledge of Allegiance

All present recited the Pledge of Allegiance.

FOURTH ORDER OF BUSINESS

Public Comments [3-Minute Time Limit]

There were no public comments.

- **Recommendation for Electrical Engineering Services for Pump Station 1 and 2**
This item, previously Item 12BII, was presented out of order.

Mr. Larry Smith, of Smith Engineering Consultants, Inc. (SEC), stated his name and business address. Mr. Steve Smith stated that Mr. Larry Smith was not related to him or Mr. Craig Smith, of Craig A. Smith & Associates, Inc. (CAS).

Mr. Steve Smith discussed the efforts of CAS and District Staff to compile the necessary documents and proposals and highlighted the following:

- The Board previously approved proceeding with the recommended anti-vortexing devices by Dr. David Werth, of Clemson Engineering, regarding proceeding with the project, the design and manufacturing of those devices to install.
- The conclusion for Pump Stations 1 and 2 is to have the design and manufacturing of the anti-vortexing devices completed and have them delivered.
- Concerns arose about installing the devices before mechanical improvements are made to the Pump Stations, including increased motor sizing and adaptation of the Pump Station.
- The team reached the joint conclusion to install one of the anti-vortexing devices at Pump Station 2 and evaluate its performance and then proceed with the remainder of the project. The reason being that, since the Pump Stations are currently underpowered, it may create more problems to install all of them; therefore, it would be beneficial to test one first, determine its success and then proceed, prior to retrofitting the new motors and Pump Station if all works well.
- CAS evaluated the electrical design proposals and would be working with MWI on the mechanical side for the motors and adaptation of the Pump Station.

Mr. Morera asked if the other Board Members had questions regarding the work that had been done so far and the proposed work at the Pump Stations. Mr. Ortiz felt that it was a great idea to conduct a pilot evaluation of one Pump Station to make sure the design works. Mr. Morera stated he did not recall any concerns about motor size of the pump being an issue

in previous discussions. He asked how Staff reached its new conclusion and questioned why this came to light now and not before the Request for Proposals (RFP) went out, as those calculations should have been done ahead of time. Mr. Steve Smith explained that, when this came about, the CAS design team examined the anti-vortexing device proposal late in the process and Mr. Landis advised that, while the anti-vortexing devices would be helpful since because the Pump Stations are currently underpowered, proceeding with the project may put extra strain on the motors because of the additional friction created, which may be harmful. As a result, the decision was made to test one pump first, with the existing motors before putting all the devices in and then potentially have to take them out if there is an issue. Staff was being cautious in reaching this conclusion. Discussion ensued regarding the cone installation, increasing the horsepower on the pumps and contacting Dr. Werth.

Mr. Ortiz asked what would happen if, after the pilot test, it is determined that there is not enough horsepower or if there is another condition that requires an engineering change or modification to the equipment. Mr. Steve Smith stated, if there is poor performance from the test pump, the cones would be removed until the mechanical and electrical issues are completely addressed. Mr. Morera recalled that, after the settlement, the Board was presented with modeling that led to the vortex devices option to contemplate and asked about the impact of adding vortex devices on the load of the motors. Mr. Steve Smith read the following from Dr. Werth:

“I feel the biggest improvement will be to upsize the motors. I do not think that the problem is going to go away with just the addition of the floor cones, so I would suggest waiting to install them at the time you make the other changes. It won't hurt to put them in now but since it will not solve the motor issue, the long-term value would be limited.”

Discussion ensued regarding the litigation process, upsizing the motors prior to installing the vortex devices and addressing noncompliant components of the hydraulic standards in front of the Pump Station. For further clarity, Mr. Steve Smith stated that Dr. Werth was not saying it is mandatory to increase the motor sizes and perform the improvements to the pump prior to installing the devices and that he agrees with Staff that the motors are undersized. Mr. Morera asked if Mr. Landis was still on the CAS team. Mr. Steve Smith stated that CAS utilizes Mr. Landis for Hydraulic Industry Standard expertise and quality control. Mr. Ortiz asked how long the pilot test would take. Mr. Selchan stated that the amp draw could be determined

quickly, once the cones are installed. Discussion ensued regarding Hydraulic Industry Standards, preventing flooding, the electrical equipment, increasing pump efficiency, etc. Ms. Cerbone stated that, although she has a better understanding of the project and agrees with the plan to test one pump first, she still had concerns. She questioned the result of the pilot test impacting the information the District Engineer is providing SEC or another electrical firm and stated that she was still not clear on whether it is the right time to commence work if how much the motors would need to be upsized was unknown. Mr. Steve Smith stated CAS had not completed a final design; CAS preliminarily determined the pump sizing and provided that information to both firms that submitted proposals. The Electrical Engineer would be tasked to retrofit the electrical components of each Pump Station to accommodate the 200-horsepower motors at Pump Station 1 and the 300-horsepower motors at Pump Station 2. Mr. Morera asked about the current Pump Station specifications. Mr. Steve Smith stated Pump Station 1 currently has 125-horsepower and Pump Station 2 has 200-horsepower. He stated that CAS agreed to evaluate the motor size decision in the cost-benefit evaluation report at the appropriate time, prior to making a decision. Mr. Ortiz summarized that Staff would examine the project from a cost of ownership standpoint and the solution will be to test/optimize one pump and there would be several variables and unknowns to sort through in the process.

Mr. Rubio reviewed the “Recommendation of Electrical Engineering Services for Pump Station 1 and Pump Station 2” from the Monthly Engineer’s Report and noted the following:

- CAS evaluated proposals received from C&W Engineering, Inc. (CW) and SEC. CW’s price to design both Pump Stations 1 and 2 was \$118,000 and SEC’s price for the design, including construction services, was \$67,500.
- Based on the submitted proposals, price, project histories and relevant experience, CAS recommended awarding the Electrical Engineering Services contract to SEC.

Mr. Larry Smith responded to questions regarding the original scope of work, SEC’s design methodology process, how SEC could achieve its goal at the quoted price and coordinating with Florida Power & Light (FPL) to address and resolve issues. Ms. Cerbone stated the agreement would be between CAS and SEC and not between the District and SEC.

On MOTION by Mr. Ortiz and seconded by Mr. Prudhomme, with all in favor, consenting to CAS contracting with SEC for electrical design and construction services for Pump Stations 1 and 2, as outlined in the proposal, was approved.

Mr. Morera hoped that Staff would coordinate and collaborate more before presenting additional information to the Board, as that would result in a less time-consuming discussion.

Mr. Larry Smith left the meeting.

Ms. Cerbone posed the following two questions relating to the pump stations:

1. Would it behoove the District to enter into a consulting agreement with Dr. Werth to formalize the process of obtaining engineering-related information from him?

Dr. Werth stated he would be willing to consult with the District. His fee is \$150 per hour with a minimum 15-hour guarantee.

On MOTION by Mr. Prudhomme and seconded by Mr. Ortiz, with all in favor, authorizing District Staff to draft a Form of Agreement with Dr. Werth for Consulting Services, in a not-to-exceed amount of \$2,250, and granting the Chair authority to execute, was approved.

2. Would it not benefit the District to engage a second pump expert as to when and how to proceed after the EE's results are submitted?

Regarding what the EE's results have to do with engaging a second expert, Ms. Cerbone stated that is how CAS was going to present its recommendation on the next steps. Mr. Smith stated, as the District Engineer, CAS's team works internally on the design and then coordinates with District Staff to review the designs and draw final conclusions on motor sizes and Mr. Landis' knowledge and experience in quality assurance and quality control is sufficient.

- **Culvert E18 Dive Inspection**

This item, previously Item 12BIII, was presented out of order.

Mr. Rubio summarized that, while Eckler Engineering was installing a water main and a force main for the City of Coral Springs, they encountered a stormwater pipe in front of the La Quinta Hotel and inquired about the integrity of the pipe. CAS coordinated with Industrial Divers to perform a pipe inspection, which revealed that the pipe had deteriorated and requires replacement. CAS would solicit and present proposals for the repairs.

- **Permit Applications**

Mr. Rubio described the right-of-way (ROW) permit application for the City of Coral Springs Corporate Park drainage improvements.

○ **Consideration of Right-of-Way Permit for FP&L**

This item, previously part of Item 12BI, was presented out of order.

Mr. Rubio presented the FPL ROW permit application to replace an existing power pole off the NE corner of NW 81st Avenue and Sample Road and recommended approval.

On MOTION by Mr. Prudhomme and seconded by Mr. Ortiz, with all in favor, the Right-of-Way Permit Application, CAS Project No. 15-1826, submitted by Florida Power & Light Company (FPL), to an existing power pole off the NE corner of NW 81st Avenue and Sample Road, subject to the requirements, specifications and special conditions, as set forth in the recommendation letter dated June 8, 2020, was approved.

▪ **FDOT Quit Claim Deed**

This item was an addition to the agenda.

Ms. Cerbone stated she emailed a Quit Claim Deed from the Florida Department of Transportation (FDOT) to the Board. Mr. Rubio stated that the FDOT requested a District-owned strip of land, on University Drive and NW 40th Street, for a right turn lane. Since there is no water in that area, CAS recommended authorizing Staff to proceed with the Quit Claim Deed. Mr. Malefatto stated the document was straightforward and the language of the Quit Claim Deed was appropriate. Discussion ensued regarding the land and the document details.

On MOTION by Mr. Ortiz and seconded by Mr. Prudhomme, with all in favor, authorizing Staff to proceed with the Quit Claim Deed from the FDOT, was approved.

FIFTH ORDER OF BUSINESS

Discussion: Updated Interim Water Control Plan

There was nothing to discuss and this item would be removed from future agendas.

▪ **Authorization of Joint RFP with CSID for Debris Monitoring Services**

This item, previously the Seventh Order of Business, was presented out of order.

Ms. Cerbone stated there were discussions about entering into a joint Debris Monitoring Agreement with the Coral Springs Improvement District (CSID) but CSID decided on an individual RFP. She felt that the District should advertise an individual RFP, as well, and

requested approval to prepare the RFP in conjunction with Mr. Malefatto and Mr. Selchan. The Board and Staff discussed the piggy-back agreement with the City of Coral Springs' agreement with Rostan for debris monitoring, the CSID, FEMA and debris removal.

On MOTION by Mr. Prudhomme and seconded by Mr. Ortiz, with all in favor, authorizing District Staff to prepare and advertise an RFP for Debris Monitoring Services, was approved.

SIXTH ORDER OF BUSINESS

Authorization of RFP for Debris Removal Services

Ms. Cerbone discussed advertising an RFP for Debris Removal Services and not utilize a previous piggy-back agreement with CSID.

On MOTION by Mr. Ortiz and seconded by Mr. Prudhomme, with all in favor, authorizing Staff advertise an RFP for Debris Removal Services, was approved.

SEVENTH ORDER OF BUSINESS

Authorization of Joint RFP with CSID for Debris Monitoring Services

This item was presented following the Fifth Order of Business.

EIGHTH ORDER OF BUSINESS

Acceptance of Unaudited Financial Statements as of April 30, 2020

Ms. Cerbone presented the Unaudited Financial Statements as of April 30, 2020.

On MOTION by Mr. Morera and seconded by Mr. Ortiz, with all in favor, the Unaudited Financial Statements as of April 30, 2020, were accepted.

NINTH ORDER OF BUSINESS

Approval of May 13, 2020 Virtual Public Meeting Minutes

Ms. Cerbone presented the May 13, 2020 Virtual Public Meeting Minutes.

On MOTION by Mr. Prudhomme and seconded by Mr. Ortiz, with all in favor, the May 13, 2020 Virtual Public Meeting Minutes, as presented, were approved.

TENTH ORDER OF BUSINESS

Public Comments

There being no public comments, the next item followed.

ELEVENTH ORDER OF BUSINESS

Supervisors' Communications

Mr. Prudhomme expressed his hope that everything was going smoothly for Mr. Selchan's family and wished everyone a Happy Father's Day.

Mr. Ortiz wished everyone a Happy Father's Day and thanked Staff for their diligence.

Mr. Morera stated that he qualified as a candidate for a seat on the City Commission and his name would be on the November 3rd ballot. If elected, he would resign from the District Board. He thanked Staff for their diligence.

TWELFTH ORDER OF BUSINESS

Staff Reports

A. District Counsel: *Lewis, Longman & Walker, P.A.*

- **Discussion: Support of Federal Special Districts Bill for COVID-19 Relief**

Mr. Malefatto stated the Florida Association of Special Districts (FASD) recently provided him with a press release and Federal legislation regarding the CARES Act. The legislation did not provide funding for Special Districts so FASD is supporting a Bill advocating that 5% of the funding aimed at local governments must be distributed to Special Districts.

On MOTION by Mr. Ortiz and seconded by Mr. Prudhomme, with all in favor, authorizing District Counsel to draft a letter in support of a Federal Special Districts Bill for COVID-19 Relief to be sent to the appropriate State Senators, was approved.

B. District Engineer: *Craig A. Smith & Associates*

I. Presentation: Monthly Engineer's Report

- **Permit Applications**
 - **Consideration of Right-of-Way Permit for FP&L**

II. Recommendation for Electrical Engineering Services for Pump Station 1 and 2

III. Culvert E18 Dive Inspection

These items were presented following the Fourth Order of Business.

C. District Engineering Consultant: *John McKune*

There being no report, the next item followed.

D. District Field Supervisor: *Cory Selchan*

Mr. Selchan reported the following:

- There was significant rainfall since the last meeting; the total for the month was 19½”.
- Today, the water level was 6½’ because maintenance crews are repairing an engine in the Pump Station 2 generator. If it cannot be repaired, a temporary generator would be installed.

E. District Manager: *Wrathell, Hunt & Associates, LLC*

I. Discussion: Meeting Location and Required Protocol for September 14, 2020 Public Hearing

II. Consideration of Option 2 Agreement for 4160 NW 103 Drive

Mr. Rom stated a resident wants to install a fence but there is vegetation in the ROW.

Mr. Selchan presented three proposals for tree removal and recommended the lowest bidder.

On MOTION by Mr. Ortiz and seconded by Mr. Prudhomme, with all in favor, the Castle Tree Art proposal for tree removal, in the amount of \$300, and the Obstructions Removal Agreement - Option 2, was approved.

III. NEXT MEETING DATE: July 8, 2020 at 6:30 P.M.

• QUORUM CHECK

The next meeting will be held on July 8, 2020. Ms. Cerbone stated that the La Quinta has not confirmed availability for July 8th and requested flexibility to secure another meeting location that would allow for social distancing. Discussion ensued regarding potential locations.

THIRTEENTH ORDER OF BUSINESS

Adjournment

There being no further business to discuss, the meeting adjourned.

On MOTION by Mr. Prudhomme and seconded by Mr. Ortiz, with all in favor, the meeting adjourned at 9:22 p.m.

SUNSHINE WATER CONTROL DISTRICT

June 17, 2020

DocuSigned by:
Cindy Carbone
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Secretary/Assistant Secretary

DocuSigned by:
Jose E. Morera
CEC83CCEC3AB4F5...

President/Vice President