



REGULAR MEETING AGENDA

January 13, 2021



January 6, 2021

Board of Supervisors
Sunshine Water Control District

ATTENDEES:
Please identify yourself each time you speak to facilitate accurate transcription of meeting minutes.

Dear Board Members:

The Board of Supervisors of the Sunshine Water Control District will hold a Regular Meeting on January 13, 2021, at 6:30 p.m., at La Quinta Inn Coral Springs, 3701 N. University Drive, Coral Springs, Florida 33065. The agenda is as follows:

1. Call to Order
2. Roll Call
3. Pledge of Allegiance
4. Public Comments **[3-Minute Time Limit]** (*Comments should be made from the microphone to ensure recording. Please state your name prior to speaking.*)
5. Acceptance of Unaudited Financial Statements as of November 30, 2020
6. Approval of December 9, 2020 Regular Meeting Minutes
7. Public Comments
8. Supervisors' Communications
9. Staff Reports
 - A. District Counsel: *Lewis, Longman & Walker, P.A.*
 - B. District Engineer: *Craig A. Smith & Associates*
 - I. Presentation: Monthly Engineer's Report
 - Permit Applications – No Permits to be Submitted This Month
 - II. Update: Interim Water Control Plan Incorporating New Costs from Radise International, L.C., Information
 - III. PS1 and PS2 Electrical Engineering Design Update

- C. District Engineering Consultant: *John McKune*
- D. District Field Supervisor: *Cory Selchan*
- E. District Manager: *Wrathell, Hunt & Associates, LLC*
 - I. Discussion: Obstruction Removals and Subsequent Events
 - II. NEXT MEETING DATE: February 10, 2021 at 6:30 P.M.
 - QUORUM CHECK

Joe Morera	<input type="checkbox"/> IN PERSON	<input type="checkbox"/> PHONE	<input type="checkbox"/> NO
Daniel Prudhomme	<input type="checkbox"/> IN PERSON	<input type="checkbox"/> PHONE	<input type="checkbox"/> NO
Ivan Ortiz	<input type="checkbox"/> IN PERSON	<input type="checkbox"/> PHONE	<input type="checkbox"/> NO

10. Adjournment

Should you have any questions, please contact me directly at (561) 346-5294.

Sincerely,
Cindy Carbone
Cindy Carbone
District Manager

FOR BOARD MEMBERS AND STAFF TO ATTEND BY TELEPHONE
CALL-IN NUMBER: 1-888-354-0094
CONFERENCE ID: 8518503

**SUNSHINE
WATER CONTROL DISTRICT**

5

**SUNSHINE
WATER CONTROL DISTRICT
FINANCIAL STATEMENTS
UNAUDITED
NOVEMBER 30, 2020**

**SUNSHINE
WATER CONTROL DISTRICT
BALANCE SHEET
GOVERNMENTAL FUNDS
NOVEMBER 30, 2020**

	General Fund	Debt Service Fund Series 2011	Debt Service Fund Series 2018	Total Governmental Funds
ASSETS				
Centennial Bank	\$ 3,764,812	\$ -	\$ -	\$ 3,764,812
Centennial Bank - escrow	80,766	-	-	80,766
Investments				
State Board of Administration				
A Investment account	5,120	-	-	5,120
A Bank maintenance reserve account	2,682	-	-	2,682
A Renewal & replacement reserve account	1,996	-	-	1,996
A Equipment replacement reserve account	210	-	-	210
Centennial Bank - MMA	259,070	-	-	259,070
FineMark Bank - MMA	249,015	-	-	249,015
FineMark Bank - ICS	9,147,989	-	-	9,147,989
Iberia Bank - MMA	5,529	-	-	5,529
Debt service - Wells Fargo	-	61	-	61
Debt service - Regions	-	-	6,994	6,994
Reserve - Wells Fargo	-	83	-	83
Due from general fund	-	-	70,328	70,328
Total assets	<u>\$13,517,189</u>	<u>\$ 144</u>	<u>\$ 77,322</u>	<u>\$ 13,594,655</u>
LIABILITIES				
Liabilities:				
Accounts payable	\$ 19,614	\$ -	\$ -	\$ 19,614
Due to debt service	70,328	-	-	70,328
Deposits payable/trash bonds	139,500	-	-	139,500
Cost recovery deposits	16,594	-	-	16,594
Pension payable	4,733	-	-	4,733
Total liabilities	<u>250,769</u>	<u>-</u>	<u>-</u>	<u>250,769</u>
FUND BALANCES				
Assigned:				
3 months working capital	1,441,052	-	-	1,441,052
Disaster recovery	3,000,000	-	-	3,000,000
Truck replacement	114,000	-	-	114,000
Restricted for				
Debt service	-	144	77,322	77,466
Unassigned	8,711,368	-	-	8,711,368
Total fund balances	<u>13,266,420</u>	<u>144</u>	<u>77,322</u>	<u>13,343,886</u>
Total liabilities and fund balances	<u>\$13,517,189</u>	<u>\$ 144</u>	<u>\$ 77,322</u>	<u>\$ 13,594,655</u>

**SUNSHINE
WATER CONTROL DISTRICT
STATEMENT OF REVENUES, EXPENDITURES,
AND CHANGES IN FUND BALANCES
GENERAL FUND
FOR THE PERIOD ENDED NOVEMBER 30, 2020**

	Current Month	Year to Date	Adopted Budget	% of Budget
REVENUES				
Assessments	\$ 487,960	\$ 487,986	\$ 3,286,254	15%
Interest and miscellaneous	570	1,163	9,000	13%
Permit review fees	700	3,150	4,200	75%
Cost recovery	-	-	17,500	0%
Insurance proceeds	350	350	-	N/A
Total revenues	<u>489,580</u>	<u>492,649</u>	<u>3,316,954</u>	15%
EXPENDITURES				
Administrative				
Supervisors	250	250	1,800	14%
Supervisors reimbursement	-	-	7,500	0%
Management/accounting/recording	5,164	10,327	61,960	17%
DSF & CPF accounting	1,206	2,412	14,474	17%
Dissemination fee	84	167	1,000	17%
Arbitrage rebate calculation	-	-	750	0%
Trustee	3,000	4,000	5,000	80%
Audit	-	-	11,200	0%
Legal	4,663	4,663	95,000	5%
Human resource services	593	1,187	7,123	17%
Communication	-	-	7,500	0%
Dues/subscriptions	-	4,175	4,500	93%
Rent - operations facility	3,820	3,820	45,873	8%
Insurance	-	22,575	30,994	73%
Legal advertising	206	206	2,500	8%
Office supplies and expenses	-	-	1,500	0%
Postage	162	162	1,200	14%
Postage-ROW clearing	-	-	500	0%
Printing and binding	117	234	1,400	17%
Website	-	-	3,000	0%
ADA website compliance	-	-	210	0%
Contingencies	-	-	5,000	0%
Total administrative expenses	<u>19,265</u>	<u>54,178</u>	<u>309,984</u>	17%
Field operations				
Salaries and wages	34,362	77,087	438,375	18%
FICA taxes	2,643	5,911	33,536	18%
Special pay	190	190	1,650	12%
Bonus program	-	-	1,000	0%
401a retirement plan	3,436	7,649	43,838	17%
Health insurance	16,020	32,019	278,434	11%
Workers' compensation insurance	-	11,605	21,000	55%
Engineering	2,940	2,940	75,000	4%
Engineering - capital outlay westchester	4,838	4,838	10,000	48%
Engineering - capital outlay ps1 & ps2	-	-	201,860	0%

**SUNSHINE
WATER CONTROL DISTRICT
STATEMENT OF REVENUES, EXPENDITURES,
AND CHANGES IN FUND BALANCES
GENERAL FUND
FOR THE PERIOD ENDED NOVEMBER 30, 2020**

	Current Month	Year to Date	Adopted Budget	% of Budget
Consulting engineer services	-	-	25,000	0%
Cost recovery	-	-	17,500	0%
Water quality testing	-	-	5,224	0%
Telephone	-	-	1,800	0%
Electric	15,744	15,744	85,000	19%
Insurance	-	51,723	38,000	136%
Repairs and maintenance				
Canal banks	-	-	20,000	0%
Canal dredging	-	-	50,000	0%
Culvert inspection & cleaning	-	-	100,000	0%
Dumpster service	-	-	13,000	0%
Truck & tractor	231	231	21,000	1%
Other	323	323	21,000	2%
Operating supplies				
Chemicals	-	-	90,000	0%
Fuel	-	-	20,000	0%
Fuel-pump station generator	-	-	35,000	0%
Triploid carp	-	-	19,755	0%
Uniforms	258	258	3,217	8%
Other	37	37	4,000	1%
Permit fees, licenses, schools	-	-	5,000	0%
Capital outlay - westchester	5,450	5,450	50,087	11%
Capital outlay - pump station 1 & 2	-	-	3,576,385	0%
Field equipment	-	-	35,000	0%
Pump station telemetry	124	124	40,000	0%
Contingencies	1,841	1,841	5,000	37%
Total field operations	<u>88,437</u>	<u>217,970</u>	<u>5,385,661</u>	4%
Other fees and charges				
Tax collector	4,880	4,880	34,232	14%
Property appraiser	4,880	4,880	34,232	14%
Property tax bills - fire & EMS assessment	38	38	100	38%
Total other fees & charges	<u>9,798</u>	<u>9,798</u>	<u>68,564</u>	14%
Total expenditures	<u>117,500</u>	<u>281,946</u>	<u>5,764,209</u>	5%

**SUNSHINE
WATER CONTROL DISTRICT
STATEMENT OF REVENUES, EXPENDITURES,
AND CHANGES IN FUND BALANCES
GENERAL FUND
FOR THE PERIOD ENDED NOVEMBER 30, 2020**

	<u>Current Month</u>	<u>Year to Date</u>	<u>Adopted Budget</u>	<u>% of Budget</u>
Excess/(deficiency) of revenues over/(under) expenditures	372,080	210,703	(2,447,255)	
OTHER FINANCING SOURCES/(USES)				
Transfers in - from DSF Series 2018	<u>62,986</u>	<u>62,989</u>	<u>408,255</u>	15%
Total other financing sources/(uses)	<u>62,986</u>	<u>62,989</u>	<u>408,255</u>	15%
Net increase/(decrease) of fund balance	435,066	273,692	(2,039,000)	
Fund balance - beginning	12,831,354	12,992,728	9,580,392	
Fund balance - ending				
Assigned:				
3 months working capital	1,441,052	1,441,052	1,441,052	
Disaster recovery	3,000,000	3,000,000	3,000,000	
Truck replacement	114,000	114,000	114,000	
Unassigned	<u>8,711,368</u>	<u>8,711,368</u>	<u>2,986,340</u>	
Total fund balance - ending	<u><u>\$13,266,420</u></u>	<u><u>\$ 13,266,420</u></u>	<u><u>\$ 7,541,392</u></u>	

**SUNSHINE
WATER CONTROL DISTRICT
STATEMENT OF REVENUES, EXPENDITURES,
AND CHANGES IN FUND BALANCES
DEBT SERVICE FUND SERIES 2011
FOR THE PERIOD ENDED NOVEMBER 30, 2020**

	Current Month	Year To Date
REVENUES	\$ -	\$ -
Total revenues	-	-
EXPENDITURES	-	-
Total expenditures	-	-
 Excess/(deficiency) of revenues over/(under) expenditures	-	-
 Fund balances - beginning	144	144
Fund balances - ending	\$ 144	\$ 144

**SUNSHINE
WATER CONTROL DISTRICT
STATEMENT OF REVENUES, EXPENDITURES,
AND CHANGES IN FUND BALANCES
DEBT SERVICE FUND SERIES 2018
FOR THE PERIOD ENDED NOVEMBER 30, 2020**

	Current Month	Year To Date	Amended Budget	% of Budget
REVENUES				
Assessment levy: on-roll	\$ 136,030	\$ 136,037	\$ 916,037	15%
Interest	1	2	-	N/A
Total revenues	<u>136,031</u>	<u>136,039</u>	<u>916,037</u>	15%
EXPENDITURES				
Debt service				
Interest	<u>280,440</u>	<u>280,440</u>	<u>531,668</u>	53%
Total debt service	<u>280,440</u>	<u>280,440</u>	<u>531,668</u>	53%
Other fees and charges				
Tax collector	1,360	1,360	9,542	14%
Property appraiser	1,360	1,360	9,542	14%
Total other fees and charges	<u>2,720</u>	<u>2,720</u>	<u>19,084</u>	14%
Total expenditures	<u>283,160</u>	<u>283,160</u>	<u>550,752</u>	51%
Excess/(deficiency) of revenues over/(under) expenditures	(147,129)	(147,121)	365,285	-40%
OTHER FINANCING SOURCES/(USES)				
Transfers (out) - to GF	<u>(62,986)</u>	<u>(62,989)</u>	<u>(408,255)</u>	15%
Total other financing sources/(uses)	<u>(62,986)</u>	<u>(62,989)</u>	<u>(408,255)</u>	15%
Net increase/(decrease) in fund balance	(210,115)	(210,110)	(42,970)	
Fund balances - beginning	<u>287,437</u>	<u>287,432</u>	<u>264,985</u>	
Fund balances - ending	<u>\$ 77,322</u>	<u>\$ 77,322</u>	<u>\$ 222,015</u>	

SUNSHINE

Water Control District

Special Assessment Revenue Improvement Bonds, Series 2018

\$11,685,000

Debt Service Schedule

Date	Principal	Coupon	Interest	Total P+I
11/01/2020		-	280,440.00	280,440.00
05/01/2021		4.800%	251,227.50	251,227.50
11/01/2021		-	222,015.00	222,015.00
05/01/2022		4.800%	222,015.00	222,015.00
11/01/2022		-	222,015.00	222,015.00
05/01/2023	430,000.00	4.800%	222,015.00	652,015.00
11/01/2023		-	213,845.00	213,845.00
05/01/2024	450,000.00	4.800%	213,845.00	663,845.00
11/01/2024		-	205,295.00	205,295.00
05/01/2025	465,000.00	4.800%	205,295.00	670,295.00
11/01/2025		-	196,460.00	196,460.00
05/01/2026	480,000.00	4.800%	196,460.00	676,460.00
11/01/2026		-	187,340.00	187,340.00
05/01/2027	500,000.00	4.800%	187,340.00	687,340.00
11/01/2027		-	177,840.00	177,840.00
05/01/2028	520,000.00	4.800%	177,840.00	697,840.00
11/01/2028		-	167,960.00	167,960.00
05/01/2029	540,000.00	4.800%	167,960.00	707,960.00
11/01/2029		-	157,700.00	157,700.00
05/01/2030	560,000.00	4.800%	157,700.00	717,700.00
11/01/2030		-	147,060.00	147,060.00
05/01/2031	580,000.00	4.800%	147,060.00	727,060.00
11/01/2031		-	136,040.00	136,040.00
05/01/2032	600,000.00	4.800%	136,040.00	736,040.00
11/01/2032		-	124,640.00	124,640.00
05/01/2033	625,000.00	4.800%	124,640.00	749,640.00
11/01/2033		-	112,765.00	112,765.00
05/01/2034	650,000.00	4.800%	112,765.00	762,765.00
11/01/2034		-	100,415.00	100,415.00
05/01/2035	675,000.00	4.800%	100,415.00	775,415.00
11/01/2035		-	87,590.00	87,590.00
05/01/2036	695,000.00	4.800%	87,590.00	782,590.00
11/01/2036		-	74,385.00	74,385.00
05/01/2037	730,000.00	4.800%	74,385.00	804,385.00
11/01/2037		-	60,515.00	60,515.00
05/01/2038	750,000.00	4.800%	60,515.00	810,515.00
11/01/2038		-	46,265.00	46,265.00
05/01/2039	780,000.00	4.800%	46,265.00	826,265.00
11/01/2039		-	31,445.00	31,445.00
05/01/2040	810,000.00	4.800%	31,445.00	841,445.00
11/01/2040		-	16,055.00	16,055.00
05/01/2041	845,000.00	4.800%	16,055.00	861,055.00
Total	\$11,685,000.00	-	\$5,906,957.50	\$17,591,957.50

**SUNSHINE
WATER CONTROL DISTRICT**

6

DRAFT

**MINUTES OF MEETING
SUNSHINE WATER CONTROL DISTRICT**

The Board of Supervisors of the Sunshine Water Control District held a Regular Meeting on December 9, 2020, at 6:30 p.m., at La Quinta Inn Coral Springs, 3701 N. University Drive, Coral Springs, Florida 33065

Present were:

Joe Morera	President
Daniel Prudhomme	Vice President
Ivan Ortiz	Secretary

Also present were:

Cindy Cerbone	District Manager
Daniel Rom	Wrathell, Hunt and Associates, LLC (WHA)
Al Malefatto	District Counsel
Orlando Rubio	District Engineer
Cory Selchan	Field Superintendent
John McKune	Consultant Engineer
Patty Villaran (via telephone)	Arthur Gallagher
Tom Mullins (via telephone)	Radise International

FIRST ORDER OF BUSINESS

Call to Order

Ms. Cerbone called the meeting to order at 6:34 p.m.

SECOND ORDER OF BUSINESS

Roll Call

Supervisors Prudhomme, Ortiz and Morera were present, in person. Ms. Cerbone noted that Supervisor Morera, who previously resigned to run for a City Commission seat, was nominated and re-appointed to the Board at the previous meeting, as he did not prevail in the local election. Mr. Morera was sworn in prior to today's meeting.

THIRD ORDER OF BUSINESS

Pledge of Allegiance

40 All present recited the Pledge of Allegiance.

41

42 **FOURTH ORDER OF BUSINESS**

Public Comments [3-Minute Time Limit]

43

44 There were no public comments.

45

46 **FIFTH ORDER OF BUSINESS**

**Administration of Oath of Office to Newly
Appointed Board Member, Joe Morera
[SEAT 1] (the following to be provided in a
separate package)**

47

48

49

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51 Ms. Cerbone stated it was not necessary to explain the items below to Mr. Morera since
52 he was already very familiar with all of them. Asked if Mr. Morera should fill out a 2019 Form 1,
53 Statement of Financial Interests again, Mr. Malefatto replied no.

54 **A. Guide to Sunshine Amendment and Code of Ethics for Public Officers and Employees**

55 **B. Membership, Obligations and Responsibilities**

56 **C. Financial Disclosure Forms**

57 **I. Form 1: Statement of Financial Interests**

58 **II. Form 1X: Amendment to Form 1, Statement of Financial Interests**

59 **III. Form 1F: Final Statement of Financial Interests**

60 **D. Form 8B – Memorandum of Voting Conflict**

61

62 **SIXTH ORDER OF BUSINESS**

**Consideration of Resolution 2021-01,
Designating the Officers of the District and
Providing for an Effective Date**

63

64

65

66 Ms. Cerbone presented Resolution 2021-01. Mr. Prudhomme nominated the following
67 slate of officers:

68 Joe Morera President

69 Ivan Ortiz Vice President

70 Daniel Prudhomme Secretary

71 Craig Wrathell Treasurer

72 Jeff Pinder Assistant Treasurer

73 Craig Wrathell Assistant Secretary

74 Cindy Cerbone Assistant Secretary
75 Daniel Rom Assistant Secretary
76 No other nominations were made.

77

78 **On MOTION by Mr. Morera and seconded by Mr. Ortiz, with all in favor,**
79 **Resolution 2021-01, Designating the Officers of the District, as nominated, and**
80 **Providing for an Effective Date, was adopted.**

81

82

83 Mr. Morera thanked his fellow Board Members for their confidence and for appointing
84 him as Board President.

85

86 **SEVENTH ORDER OF BUSINESS**

**Presentation: Benefits Plan Renewal for FY
2021**

87

88

89 Ms. Cerbone reported the following:

90 ➤ Ms. Patty Villaran, from Arthur Gallagher (AG), could not attend the meeting in person
91 but was attending via telephone. It was previously agreed that the District Manager would
92 present the Health Benefits Plan Renewal for Fiscal Year 2021.

93 ➤ The Board likes to have all information on any topic for consideration, more than seven
94 days prior to a meeting; however, by law, in terms of health benefits, the District's current
95 carrier is not required to provide renewal information more than 30 days in advance. AG
96 complied with that and Ms. Villaran reviewed the data and compiled it with other options for
97 health care coverage for the District's employees.

98 ➤ As soon as Management received them, the documents were reviewed, confirmed and
99 forwarded it to the Board Members.

100 ➤ The financial summary showed the dollar amount of the coverage for the coming year
101 versus the current year and also included an adjustment, if two additional employees are hired.

102 ➤ If the District decides to renew with the current providers, there is adequate room in
103 the budget to accommodate hiring two additional employees.

104 ➤ The key driver for hourly employees is the total compensation package, instead of base
105 compensation; therefore, a good health care plan is essential in today's environment.

106 ➤ Currently, health care costs are at approximately 4.83% of the total expenditures for the
107 budget.

108 ➤ The current cost for medical coverage is \$156,000 per year. If the District were to
109 renew, it would be approximately \$169,000 per year; slightly less than a 9% increase.

110 ➤ In the budget, Management allowed for an increase of approximately 15%.

111 Ms. Cerbone reviewed the AvMed options compared to the Alternate 1 Option,
112 deductibles and out-of-pocket maximum co-pays, information on dental, vision, basic life and
113 ADD short and long-term disability. Discussion ensued regarding the options and out-of-pocket
114 costs. Mr. Selchan voiced his preference to remain with the current plan for as long as he could.

115 Ms. Cerbone recapped that the current and renewal costs were provided in the emailed
116 documents and, assuming the District keeps the same carrier and the same plan, the budget is
117 more than sufficient and includes two potential additional employees. The total cost for
118 coverage for nine employees is approximately \$229,000 for the year for all of the benefits and
119 \$278,000 was budgeted. Ms. Cerbone responded to questions regarding family coverage and
120 whether the plan has an age limit.

121

122 **On MOTION by Mr. Prudhomme and seconded by Mr. Ortiz, with all in favor,**
123 **the benefits plan renewal for Fiscal Year 2021, with the current provider and**
124 **the current plan, as presented, was approved.**

125

126

127 Mr. Selchan thanked the Board for renewing the plan and providing benefits to the
128 District's employees.

129 ▪ **Presentation: Radise International Geotechnical Report for Six Canal Crossings for the**
130 **West Outfall Canal**

131 **This item, previously Item 12BII, was presented out of order.**

132 Referencing a PowerPoint presentation, Mr. Mullins reviewed the Geotechnical Report
133 for the West Outfall Canal Improvements and highlighted the following:

134 ➤ An aerial view of the six crossing sites that need to be addressed, including the Coral
135 Springs Drive vehicular bridge, Cypress Park vehicular bridge, Cypress Park pedestrian bridge,
136 Cypress Park utility crossing, Atlantic Boulevard vehicular bridge and the Riverside Drive
137 vehicular bridge.

138 ➤ The first phase of the contract, a geotechnical field investigation, was completed. Radise
139 drilled two borings at each crossing at 75', followed up with laboratory testing for classification
140 purposes and then prepared and submitted a Geotechnical Data Report, which was the result
141 of the field boring operations. That was completed one year ago.

142 ➤ The second phase would be to enter into a site feasibility assessment to determine what
143 might be able to be done with each crossing, from a geotechnical perspective.

144 ➤ Each bridge was inspected and measured. Mr. Mullins was able to develop the actual
145 canal profiles for his report, entering into the crossings primarily on the north side.

146 ➤ Mr. Mullins had difficulty with the pipeline crossing but made a few engineering
147 adjustments of what the canal section looks like, based on the obscuring of the pedestrian
148 bridge and canal as far as the uniform.

149 ➤ He completed five of six reports for the bridges and is currently working on the aerial
150 crossing.

151 ➤ A key item to be addressed with the canal sites is the seepage and stability for pre-
152 storm drawdowns and pulling canal levels lower than what they might traditionally be.

153 Mr. Mullins discussed drawdown conditions, seepage/stability assessments, canal side
154 slope stabilities, Factors of Safety (FOS), canal flow, Pump Stations 1 and 2 and elevations. An
155 important aspect in the Report was a comparison of the canal flows to the U.S. Army Corps of
156 Engineers (USACE) guidance criteria for canal flows and different types of materials. He
157 reviewed data and stated, in examining alternative design concepts for each bridge, one of the
158 hydraulic goals is to develop and design cross section options that would reduce those flows
159 from existing canals because the cross sections of existing canals are much smaller beneath the
160 bridge than desired. Mr. Mullins discussed cross section assessments, alternative concept
161 designs, options for conceptual designs, existing canal cross sections, the pedestrian bridge,
162 clearance overhead, ground conditions, borings of each of the crossings, rock quality and bridge
163 stability in relation to different types of sand and limestone.

164 Ms. Cerbone asked which bridges needed to be improved in the next 24 months and
165 which could be delayed 24 months or longer. Mr. Mullins stated the Riverside Drive and Atlantic
166 Boulevard bridges were more critical and should be addressed in the short term. Mr. Morera
167 asked what describing the bridges as "critical" meant. Mr. Mullins stated it meant the flow of

168 the canal supporting some of the improvements that were made at the pump stations near the
169 Riverside and Atlantic Boulevard bridges.

170 Discussion ensued regarding the original plans for the bridge, as-builts, determining pile
171 depths and parallel seismic testing and four approaches to improving bridge stability, including
172 Lag Board shoring (LBS), Exterior Retaining Wall Approach, Bridge Deck Removal, Design/Build
173 and the PCI option.

174 Mr. Morera stated it was important to find the most cost-effective proposal that would
175 yield the best result, based on the District's goal to widen and improve the flow underneath
176 each bridge. Asked for the best option, from a cost and technical performance standpoint, Mr.
177 Mullins stated the best option would be the Exterior Retaining Wall Approach or Option B.
178 Regarding which option would be the quickest to implement, Mr. Mullins stated Option B. The
179 Board and Staff discussed the options presented, the cost estimates, the PCI option, the
180 Cypress Park Utility Crossing and whether to involve Broward County (BC) in the Bridge project.

181 Mr. Mullins concluded that the Reports were submitted and a technical review was
182 underway to amend some of the spreadsheets and cost estimates. Overall, the changes would
183 be minor and, once completed, the revised Report would be re-submitted to CAS and copies
184 would be distributed to the Board and District Staff.

185

186 **EIGHTH ORDER OF BUSINESS**

**Acceptance of Unaudited Financial
Statements as of October 31, 2020**

187

188

189 Ms. Cerbone presented the Unaudited Financial Statements as of October 31, 2020.

190

191 **On MOTION by Mr. Prudhomme and seconded by Mr. Ortiz, with all in favor,
192 the Unaudited Financial Statements as of October 31, 2020, were accepted.**

193

194

195 **NINTH ORDER OF BUSINESS**

**Approval of November 4, 2020 Regular
Meeting Minutes**

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198 Ms. Cerbone presented the November 4, 2020 Regular Meeting Minutes. Mr.
199 Malefatto's edits submitted to Management were in the signature copy in the emailed agenda.

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On MOTION by Mr. Prudhomme and seconded by Mr. Ortiz, with all in favor, the November 4, 2020 Regular Meeting Minutes, incorporating edits previously submitted to Management, were approved.

TENTH ORDER OF BUSINESS

Public Comments

There being no public comments, the next item followed.

ELEVENTH ORDER OF BUSINESS

Supervisors' Communications

Mr. Ortiz stated that the Board was very happy to have Mr. Morera back and he was looking forward to a very productive year.

Mr. Prudhomme reiterated that he was happy to have Mr. Morera back on the Board and wished everyone a happy holiday season.

Mr. Morera thanked the Board and Staff for the warm welcome. He thanked the field crew for their diligence and dedication in averting flooding during the rainy season. He looked forward to a productive and healthy new year.

TWELFTH ORDER OF BUSINESS

Staff Reports

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

• Discussion: Request for Legal Fee Increase

Mr. Malefatto presented a fee increase memo. The legal fees would increase from \$300 to \$315 per hour, commencing January 1, 2021. Mr. Morera voiced his opinion that the fee increase was reasonable.

On MOTION by Mr. Prudhomme and seconded by Mr. Ortiz, with all in favor, the legal fees increase to \$315 per hour, effective January 1, 2021, was approved.

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

I. Presentation: Monthly Engineer's Report

235 Mr. Rubio reported that CAS had a Staff meeting in early November to discuss the
236 outfall canal and electrical repairs to Pump Stations 1 and 2 and was partnering with Smith
237 Engineering Company. Mr. Larry Smith would provide an update on the design of the electrical
238 components of the Pump Stations, at the next meeting. In response to a question, Mr. Rubio
239 stated the suppression cones would likely be delivered later in the month.

240 • **Permit Application – CRB Geological & Environmental Services, Inc., on**
241 **Behalf of Pan American Group – Monitoring Well Abandonment**

242 Mr. Rubio presented a right-of-way (ROW) permit recommendation for the
243 abandonment of two monitoring wells and canal double end north of Sample Road, which have
244 met their monitoring requirements for the site by County and State Codes.

245

246 **On MOTION by Mr. Ortiz and seconded by Mr. Prudhomme, with all in favor,**
247 **the CAS Project No. 15-1826, Right-of-Way (ROW) permit application for Canal**
248 **“MM” monitoring well abandonment at the intersection of Sample Road and**
249 **Canal “MM”, submitted by CRB Geological & Environmental Services, Inc., on**
250 **behalf of Pan American Group, subject to the Special Conditions set forth in the**
251 **November 25, 2020 recommendation letter, was approved.**

252

253

254 **II. Presentation: Radise International Geotechnical Report for Six Canal Crossings**
255 **for the West Outfall Canal**

256 This item was presented following the Seventh Order of Business.

257 Mr. Morera asked how long it took Radise International to produce the Report. Ms.
258 Cerbone stated one year. Asked about the final cost, Ms. Cerbone stated that it was
259 approximately \$60,000. Discussion ensued regarding the technical nature of Mr. Mullins’
260 Report, Phase 2 of the West Outfall project, the suppression cones, Pump Stations 1 and 2 and
261 the January meeting.

262 **C. District Engineering Consultant: *John McKune***

263 There being no report, the next item followed.

264 **D. District Field Supervisor: *Cory Selchan***

265 Mr. Selchan reported the following:

266 ➤ Total rainfall for November was 20”, shattering previous November rainfall records for
267 the District. Rainfall in December was 2½”, thus far.

268 ➤ Staff was able to suppress fresh water intrusion, which prevented complaints from the
269 Utility Department.

270 Mr. Selchan reiterated his thanks to the Board for continuing to provide quality health
271 insurance for the District’s employees.

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

273 Ms. Cerbone reported the following:

274 • As approved at the last Board meeting, District employees would receive a \$50 check for
275 the holidays.

276 • There would not be an employee holiday luncheon this year.

277 • District meetings would be held at the current location indefinitely.

278 • **NEXT MEETING DATE: January 13, 2021 at 6:30 P.M.**

279 ○ **QUORUM CHECK**

280 The next meeting will be held on January 13, 2021.

281

282 **THIRTEENTH ORDER OF BUSINESS**

Adjournment

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

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286 **On MOTION by Mr. Ortiz and seconded by Mr. Prudhomme, with all in favor,**
287 **the meeting adjourned at 8:40 p.m.**

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[SIGNATURES APPEAR ON THE FOLLOWING PAGE]

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Secretary/Assistant Secretary

President/Vice President

**SUNSHINE
WATER CONTROL DISTRICT**

9BI



January 6, 2021

Board of Supervisors
Sunshine Water Control District
2300 Glades Road, Suite 410W
Boca Raton, Florida 33073

**RE: SUNSHINE WATER CONTROL DISTRICT
MONTHLY ENGINEER'S REPORT (MER) (January 13, 2021)
December 2, 2020 – January 6, 2021
CAS PROJECT NO. 15-1826**

Dear Board of Supervisors:

Craig A. Smith & Associates, Inc. (CAS) is pleased to provide you with the MER summarizing activity performed by this office on behalf of SWCD during the referenced period including future work. Anything of significance occurring after this writing will be brought up at the January 13, 2020 BOS meeting.

Electrical Engineering Services for Pump Station 1 and Pump Station 2

CAS has been coordinating with Larry Smith, PE from SEC regarding status of the electrical engineering (EE) design plans. The EE plans for PS1 & PS2 are at 60% and will be submitted to CAS Monday, 1.11.2021 to be shared with the SWCD staff. CAS will schedule a meeting with SWCD staff to go over the plans with Mr. Smith prior to proceeding with a 90% submittal of plans.

Permitting

CAS has reviewed applications from Crown Castle to address non-compliant installations discussed in past Board meetings. Revisions to the current plans are expected and recommendations for approval can be submitted to the Board next month as time allows.

West Outfall Canal (WOFC) and Interim Water Control Plan cost update

Following the presentation from Radise International from the last board meeting, an update of the interim Water Control Plan costs was requested to incorporate the opinions of costs made by RI. The attached table reflects these costs and most are based on a design for each canal crossing that incorporates a "Partial Canal Improvement" design as shown in Figure 1 which is a modification of the "Lag Board Shoring" design approach as shown in Figure 2. Pile integrity testing procedure has been added to the Plan. The update to the overall cost increased by \$5.8M.

Figure 1

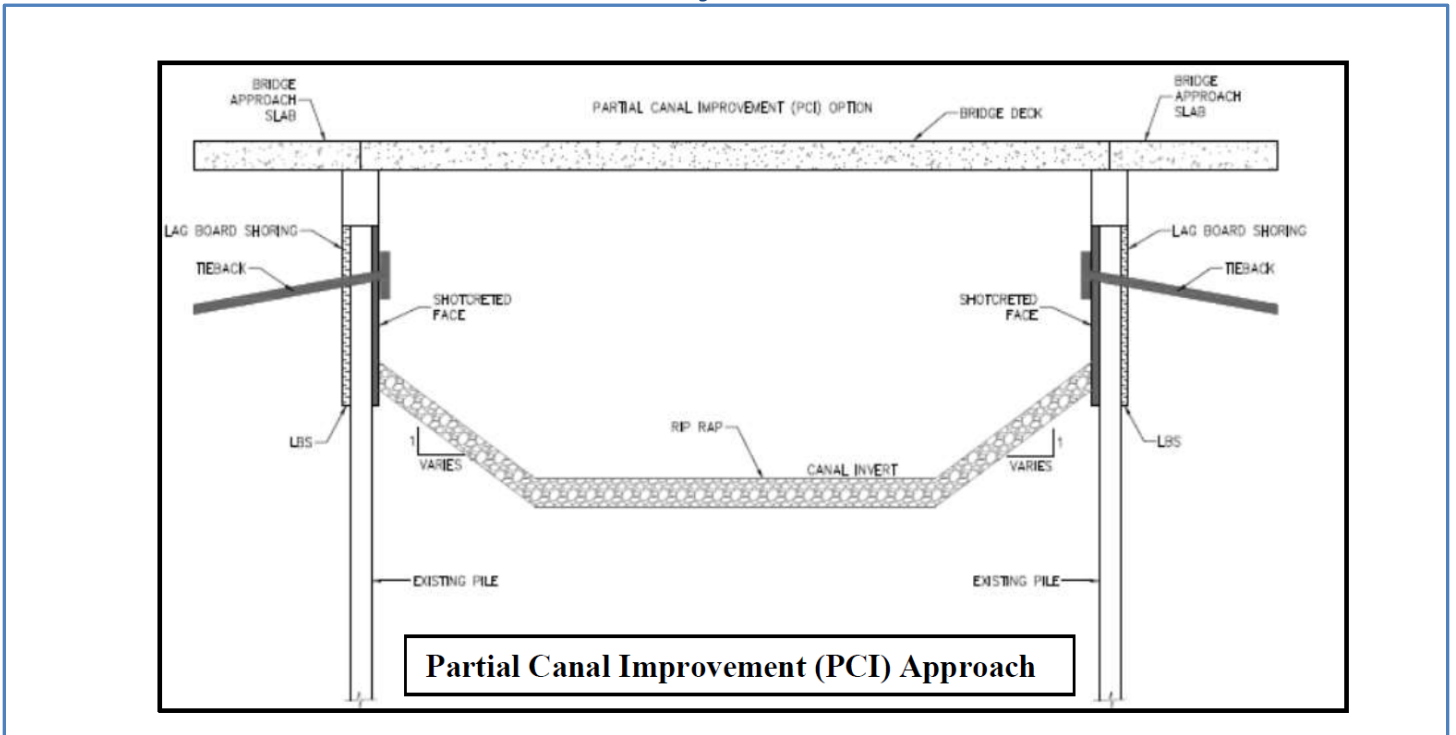
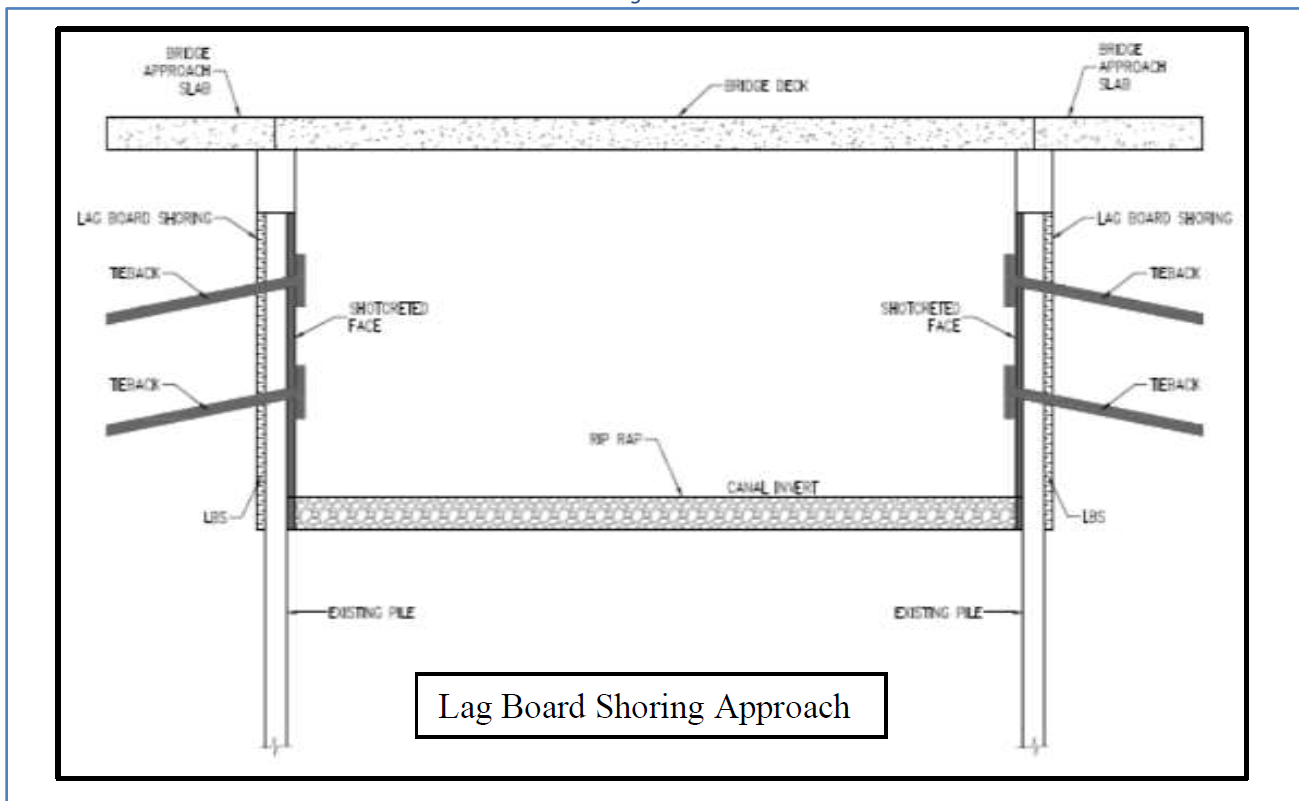


Figure 2



We continue to look forward to working with the SWCD staff on current and future important projects. Should there be any questions, I can be reached at the letterhead numbers shown or by electronic mail at orubio@craigasmith.com.

Sincerely,

CRAIG A. SMITH & ASSOCIATES



Orlando A. Rubio, PE
Sr. Supervising Engineer

Enclosures: Interim WCP updated cost

cc: **SWCD** - Cory Selchan, John McKune, PE (via e-mail)
WHA - Cindy Cerbone, Debbie Tudor, Daphne Gillyard, Daniel Rom (via e-mail)
CAS - Steve C. Smith, PE, (via e-mail)

\\cas-file\Projects\Districts\Sunshine_Water_Control\MONTHLY ENGINEERS REPORTS\2021 Monthly Engineer's Reports\2021-01\SWCD-MonthlyRpt-2021.01.06.docx

**SUNSHINE
WATER CONTROL DISTRICT**

9B11

UPDATED INTERIM WATER CONTROL PLAN - INCORPORATING RADISE INTERNATIONAL'S CONCEPTUAL COST ESTIMATES FOR WORK AT THE WEST OUTFALL CANAL CROSSINGS											
Project Description	Project Limits		Construction Cost	Engineering, Surveying, & Construction Management	Fiscal Year - Estimated Project Cost					Total Project Estimated Costs	Comments
	From	To			2020/21	2021/22	2022/23	2023/24	2024/25		
Pump Station No. 1	At pump station site		\$ 1,586,161.25	\$ 253,785.80	\$ 1,839,947.05					\$ 1,839,947.05	See color legend for comments
Pump Station No. 2	At pump station site		\$ 1,670,946.25	\$ 267,351.40	\$ 1,938,297.65					\$ 1,938,297.65	See color legend for comments
Pile Integrity Testing	At all WOFC Crossings			\$ 54,000.00	\$ 54,000.00					\$ 54,000.00	Pile Integrity Testing to be performed at the bridges' end bents; 4 per crossing
West Outfall Canal Improvements - Phase 4	Atlantic Blvd (100 ft north)	Just north of Cypress Park Bridge where Phase 1C ended.	\$ 4,992,939.00	\$ 1,014,860.27				\$ 597,537.97	\$ 5,410,261.30	\$ 6,007,799.27	This includes three (3) Canal Crossings. Recommend breaking this out into shorter Canal phases.
West Outfall Canal Improvements - Phase 3	Riverside Drive Bridge (122 yds north)	Atlantic Blvd (100 ft north)	\$ 3,027,584.00	\$ 356,997.19			\$ 175,934.99	\$ 3,208,646.20		\$ 3,384,581.19	Cost updated to reflect work at Atlantic Blvd Bridge. Canal Phase can be broken down into shorter phases.
West Outfall Canal Improvements - Phase 2B	Pump Station No. 2	Riverside Drive Bridge (122 yds north)	\$ 1,842,301.00	\$ 334,332.28		\$ 153,270.08	\$ 2,023,363.20			\$ 2,176,633.28	See color legend for comments
Coral Springs Dr Bridge		Coral Springs Dr Bridge	\$ 1,752,976.00	\$ 110,420.74		\$ 66,222.54	\$ 1,797,174.20			\$ 1,863,396.74	
NW 24 th St & Royal Palm Blvd Culvert Replacements (Westchester)	1/4 mile west of Coral Ridge Drive		\$ 580,554.79	\$ 210,105.54	\$ 60,087.00	\$ 239,913.00		\$ 550,747.33		\$ 790,660.33	A \$179,085.00 Professional Engineering Services proposal will be cost shared between the SWCD & City Coral Springs and is to be paid out in FY20-21. The agreed upon amount of \$50,087 covers the SWCD's cost share for the engineering services with \$10,000 in project in-house review. Future construction costs could be shared as well for work under NW 24th St after final estimate is determined by the City's consultant.
Royal Lands (Former Pump Station 3 site) Sluice Gate Control Structure	NW 81st Terrace; 218 ft north of NW 41 St		\$ 50,000.00	\$ 25,000.00				\$ 75,000.00		\$ 75,000.00	CAS extended SFWMD construction permit since the project lied dormant for a period of time. Construction cost based on observation of IBI Plans; Plans will need to be revisited to implement best solution for operational consideration.
Canals DD, EE, RR Modifications (Corporate Park)	South of Wiles Road & East of Sawgrass Expy		\$ 317,995.14	\$ 166,947.45				\$ 484,942.59		\$ 484,942.59	
NW 123 rd Avenue Control Structure Modification (Backflow Prevention Device)	Crosses Canal LL 1/2 block south of NW 33 St		\$ 109,525.50	\$ 52,500.00		\$ 38,000.00	\$ 141,025.50			\$ 162,025.50	
District wide Encroachments Removal (TBD) e.g., Canal A	Within SWCD Limits		\$ 175,000.00	\$ 40,000.00				\$ 215,000.00		\$ 215,000.00	An assumed cost was made here for budgetary purposes. Actual cost will vary due to extent of encroachments removal, access, and location.
Districtwide Culvert Inventory On-going Update - Survey & Engineering - Maximum 2 Replacements per year.			\$ 157,026.00	\$ 61,444.96				\$ 218,470.96		\$ 218,470.96	
Subtotals			\$ 16,263,008.93	\$ 2,947,745.63	\$ 3,892,331.70	\$ 497,405.62	\$ 4,137,497.89	\$ 4,356,931.50	\$ 6,403,674.85		
										\$ 19,210,754.56	
All projects funded from Capital Outlay Budget			Contingency	10%						\$ 1,921,075.46	
										\$ 21,131,830.02	

Legend

- Only includes major electrical and minor mechanical improvements. If construction in FY20-21 does not occur, then construction can be moved to following fiscal year which will push back other construction schedules. Electrical engineering will be completed.
- Phase 2B Canal work includes Riverside Dr Bridge and is to coincide with Structural work at PS2; Structural costs not included here until structural engineer is on board.
- Coral Springs Dr Bridge; Reflected in this updated as a single project though can be included with a canal phase.
- Costs associated with structural improvements for both pump stations are not shown at this time until a structural engineer is brought on board to design-retrofit the concrete intake bays at each pump station at which time the additional costs will be estimated.
- Added recommended Pile Integrity Testing at each canal crossings.

**SUNSHINE
WATER CONTROL DISTRICT**

9E11

SUNSHINE WATER CONTROL DISTRICT

BOARD OF SUPERVISORS FISCAL YEAR 2020/2021 MEETING SCHEDULE

LOCATION

La Quinta Inn Coral Springs, 3701 N. University Drive, Coral Springs, Florida 33065

DATE	POTENTIAL DISCUSSION/FOCUS	TIME
October 14, 2020	Regular Meeting	6:30 PM
November 4, 2020*	Regular Meeting	6:30 PM
December 9, 2020	Regular Meeting	6:30 PM
January 13, 2021	Regular Meeting	6:30 PM
February 10, 2021	Regular Meeting	6:30 PM
March 10, 2021	Landowners' Meeting & Regular Meeting	6:30 PM
April 14, 2021	Regular Meeting	6:30 PM
May 12, 2021	Regular Meeting	6:30 PM
June 9, 2021	Regular Meeting	6:30 PM
July 14, 2021	Regular Meeting	6:30 PM
August 11, 2021	Regular Meeting	6:30 PM
September 8, 2021	Public Hearing & Regular Meeting	6:30 PM

Exceptions:*

November meeting is one week earlier to accommodate Veteran's Day Holiday