

**Coral Springs  
Improvement District**

**Agenda**

**April 26, 2018**



## Coral Springs Improvement District

April 19, 2018

Board of Supervisors  
Coral Springs Improvement District

Dear Board Members:

The regular meeting of the Board of Supervisors of the Coral Springs Improvement District will be held on April 26, 2018 at 3:00 p.m. at the District Offices, 10300 NW 11<sup>th</sup> Manor, Coral Springs, Florida. Following is the advance agenda for the meeting.

1. Roll Call
2. Approval of the Minutes of the March 19, 2018 Meeting
3. Audience Comments
4. Approval of Financial Statements for March 2018
5. Consideration of Right-of-Way Permit for Installation of 6" PVC Bridge Attachment at Canals L-106 and Canal C-1
6. Assessment Calendar/Public Hearing Update
7. Resolution 2018-8, Confirming the Board's Intention to Utilize the Uniform Method for the Levy Collection and Enforcement of Non-Ad Valorem Assessments for Water and Wastewater Assessment
8. Change Order #2 with Stantec for Water and Sewer Connection Fee Study for \$25,478
9. Consideration of Well Maintenance Contract with AMPS, Piggybacking Off of Martin County Contract
10. Consideration of Lift Station Repairs
11. Consideration of Work Authorizations
  - A. Work Authorization #138 for Ground Storage Tank Hydraulic Assessment for a Total Cost of \$15,600
  - B. Work Authorization #139 for Diesel Supply Line Replacement for a Total Cost of \$37,760
  - C. Work Authorization #141 for WWTP Plant D Repairs for a Total Cost of \$1,445,731.40
  - D. Amendment #1 to Work Authorization #118 for the Margate Interconnect Project for a Decrease of \$20,000
  - E. Amendment #1 to Work Authorization #124 for the Effluent Pump Station Electrical Improvements Project for a Decrease of \$15,072
12. Discussion Regarding Paver Incentive
13. Resolution 2018-9, Dedicating the Marjory Stoneman Douglas Park to the General Public
14. Staff Reports
  - A. Manager – Ken Cassel



## Coral Springs Improvement District

- B. Engineer – Rick Olson
  - C. Department Reports
    - Operations – Dan Daly
      - Utility Billing Work Orders
    - Utilities Update (David McIntosh)
    - Water – Joe Stephens (Report Included)
    - Wastewater – Tim Martin (Report Included)
    - Stormwater – Shawn Frankenhauser (Report Included)
    - Field – Curt Dwiggins (Report Included)
    - Maintenance Report – Pedro Vasquez
    - Human Resources – Jan Zilmer
    - Motion to Accept Department Reports
  - D. Attorney
    - Discussion of Legislative Bill with Regard to Election Process
12. Supervisors' Requests
13. Adjournment

Any supporting documents not included in the agenda package will be distributed at the meeting. If you have any questions prior to the meeting, please contact me.

Sincerely,

*Kenneth Cassel*

Kenneth Cassel/sd  
District Manager

cc: District Staff  
Stephen Bloom  
Seth Behn  
Terry Lewis  
Beverley Servé  
Jamie Barreto  
Rick Olson

## **Second Order of Business**



**MINUTES OF MEETING  
CORAL SPRINGS IMPROVEMENT DISTRICT**

A regular meeting of the Board of Supervisors of the Coral Springs Improvement District was held on Monday, March 19, 2018 at 4:00 p.m. at the District Office, 10300 NW 11<sup>th</sup> Manor, Coral Springs, Florida.

Present and constituting a quorum were:

Martin Shank	President
Duane Holland	Vice President
Nick St. Cavish	Secretary

Also present were:

Kenneth Cassel	District Manager
Terry Lewis	District Counsel
Dan Daly	Director of Operations
Jan Zilmer	Human Resources
David McIntosh	Director of Utilities
Marta Rubio	Accounting
Rick Olson	District Engineer
Pedro Vasquez	Maintenance Manager
Joe Stephens	Water Department
Tim Martin	Wastewater Department
Shawn Frankenhauser	Drainage Department
Curt Dwiggin	Field Superintendent
Glen Hanks	Glen Hanks Consulting Engineers
Frank Steward	Flynn Engineering
Charles Ladd	CS University, LLC
Traci Scharf	CS University, LLC

*The following is a summary of the minutes and actions taken during the March 19, 2018 CSID Board of Supervisors Meeting.*

**FIRST ORDER OF BUSINESS**

**Roll Call**

Mr. Cassel called the meeting to order and called the roll.

**SECOND ORDER OF BUSINESS**

**Approval of the Minutes of the February 26, 2018 Meeting**

Each Board member received a copy of the minutes of the February 26, 2017 meeting and Dr. Shank requested any corrections, additions or deletions.

One change was made and will be reflected in the amended copy of the minutes.

On MOTION by Mr. Holland seconded by Mr. St. Cavish with all in favor the minutes of the February 26, 2018 meeting were approved as amended.

**THIRD ORDER OF BUSINESS**

**Audience Comments**

There being none, the next item followed.

**FOURTH ORDER OF BUSINESS**

**Approval of Financial Statements for February 2018**

The Board reviewed the financial statements.

On MOTION by Mr. Holland seconded by Mr. St. Cavish with all in favor the financials for February 2018 were approved.

**FIFTH ORDER OF BUSINESS**

**Assessment Methodologies**

**A. Non-Ad Valorem Assessment Collection Agreement with Broward County**

Mr. Cassel reviewed the non-ad valorem assessment collection agreement with the County. It is a standard agreement for them to collect the assessments on behalf of the District once they are levied.

On MOTION by Mr. St. Cavish seconded by Mr. Holland with all in favor the non-ad valorem assessment collection agreement with Broward County was approved.

**B. Setting of Public Hearing to Adopt New Methodologies**

Mr. Lewis stated there will need to be two separate public hearings: one for the stormwater assessment and one for the water and sewer assessment.

On MOTION by Mr. Holland seconded by Mr. St. Cavish with all in favor public hearings were set for May 21, 2018 at 3:00 p.m. and 4:00 p.m. to adopt the stormwater assessment methodology and the water and sewer assessment methodology, respectively.

**C. Consideration of Additional Fees by Stantec for Coordination of Public Hearing and Mail Notices**

Stantec provided change orders increasing the fees by \$8,201 for each methodology for a total increase of \$16,402. There is a separate charge for the mailings of \$14,058.

On MOTION by Mr. Holland seconded by Mr. St. Cavish with all in favor an increase in fees by Stantec were approved at a total amount not to exceed \$16,402.

On MOTION by Mr. Holland seconded by Mr. St. Cavish with all in favor first class mailings were approved at a cost not to exceed \$14,058.

**EIGHTH ORDER OF BUSINESS**

**Staff Reports**

**A. Manager – Ken Cassel**

- **Consideration of Variance and Stormwater Permit for Outback Steakhouse**

Mr. Hanks provided an overview of the proposed plans submitted for the proposed Outback Steakhouse on University Drive and recommended the variance and permit be granted.

Discussion ensued regarding the need to consider and grant variances. There was consensus to hold a workshop meeting to discuss permit criteria.

On MOTION by Mr. Holland seconded by Mr. St. Cavish with all in favor the variance for the Outback Steakhouse was approved.

**SIXTH ORDER OF BUSINESS**

**Consideration of Contract Renewal with H&H for Biosolids Disposal Piggybacking Off of the Town of Davie**

Mr. Martin reviewed the contract renewal and indicated there is a 2.2% increase in the fee.

On MOTION by Mr. St. Cavish seconded by Mr. Holland with all in favor the contract renewal with H&H was approved.

**SEVENTH ORDER OF BUSINESS**

**Consideration of Work Authorizations**

- A. Work Authorization 135 for Replacement of 20 Inch Gate Valves on Injection Well 2 Bypass for a Total cost of \$55,882**

Mr. Martin explained this work authorization is for the replacement of two 20 inch gate valves on Injection Well 2. The current valves are approximately 30 years old and are becoming difficult to operate.

On MOTION by Mr. St. Cavish seconded by Mr. Holland with all in favor Work Authorization 135 was approved for a total cost of \$55,882.

**B. Work Authorization 136 for Buried DIW Gate Valve Replacement (New) for a Total Cost of \$74,638**

Mr. Martin stated this work authorization is for two separate valves: one 14 inch for Injection Well 1 and a 24 inch. The current valves are approximately 30 years old and need to be replaced.

On MOTION by Mr. St. Cavish seconded by Mr. Holland with all in favor Work Authorization 136 was approved for a total cost of \$74,638.

**C. Work Authorization 131 – Memo of Understanding to Reallocated Project Funding**

Mr. Stephens explained the request is to change directions from what was previously approved for High Service Pump 7.

Mr. Olson stated the memo of understanding redirects the initial funding from the original work authorization to perform a model and spec out, purchase and install a new pump instead of bypassing the existing one.

On MOTION by Mr. Holland seconded by Mr. St. Cavish with all in favor the memo of understanding for Work Authorization 131 was approved.

**EIGHTH ORDER OF BUSINESS**

**Staff Reports (Continued)**

**B. Manager – Ken Cassel (Continued)**

- **Consideration of Variance and Stormwater Permit for Outback Steakhouse**

Mr. Cassel noted the Board approved the variance, but still needs to approve the stormwater permit.

On MOTION by Mr. St. Cavish seconded by Mr. Holland with all in favor the stormwater permit for the Outback Steakhouse was approved.

**B. Engineer – Rick Olson**

Mr. Olson reviewed his project status report, a copy of which is attached hereto and made a part of the public record.

**C. Department Reports**

- **Operations – Dan Daly**
  - **Utility Billing Work Orders**

This item is for informational purposes only. Mr. Daly also reported the tenants at Coral Bay were billed individually. They are in the process of checking ERCs in various locations.

- **Utilities Update (David McIntosh)**

Mr. McIntosh reported the following:

- DEP submitted a draft permit last week to allow the District to bypass the concentrate; however, it was not signed off on. Concentrate cannot be sent directly down the deep injection well.
- He spoke with Mr. Rich Michaud from the City of Coral Springs, to discuss the potential of the District redirecting the row of drains in the canals. He is open to doing this. He will arrange a meeting with their engineers and Mr. Olson to go over what they want to do.

- **Water – Joe Stephens (Report Included)**

A copy of the report was included in the agenda package and is attached hereto as part of the public record.

- **Wastewater – Tim Martin (Report Included)**

A copy of the report was included in the agenda package and is attached hereto as part of the public record.

- **Stormwater –Shawn Frankenhauser (Report Included)**

A copy of the report was included in the agenda package and is attached hereto as part of the public record. There was brief discussion regarding tree removal from the canals.

- **Field – Curt Dwiggins (Report Included)**

A copy of the report was included in the agenda package and is attached hereto as part of the public record.

Mr. Vasquez provided a brief maintenance update.

- **Human Resources – Jan Zilmer**

Mr. Zilmer reported the annual picnic is scheduled for April 7, 2018.

• **Motion to Accept Department Reports**

On MOTION by Mr. St. Cavish seconded by Mr. Holland with all in favor the department reports were accepted.

**D. Attorney**

• **Resolution 2018-7, Acknowledging the District Management Services Provider’s Name Change**

Mr. Lewis reviewed Resolution 2018-7, which acknowledges the District Management services provider’s name change from Severn Trent to Inframark.

On MOTION by Mr. Holland seconded by Mr. St. Cavish with all in favor Resolution 2018-7, acknowledging the District Management Services Provider’s name change, was adopted.

Mr. Lewis reported the legislative season has ended for this year. None of the local bills filed by Representative Jacobs passed. Representative Caldwell’s term is limited and this was his final year in legislation. He discussed the previous bill brought to legislation a few years ago for the District to convert to seats elected by General Election and questioned whether the Board wants to reach out to Representative Jacobs regarding this. There was consensus to add this to next month’s agenda for discussion.

**NINTH ORDER OF BUSINESS**

**Supervisors’ Requests**

There was discussion regarding a memorial at the District’s Passive Park to honor the victims of the Marjorie Stoneman Douglas shooting. There was consensus to have a resolution dedicating the District’s Passive Park to the memory of the victims.

**TENTH ORDER OF BUSINESS**

**Adjournment**

There being no further business,

On MOTION by Mr. Holland seconded by Mr. St. Cavish with all in favor the meeting was adjourned.

\_\_\_\_\_  
Kenneth Cassel  
Assistant Secretary

\_\_\_\_\_  
Martin Shank  
President

## **Fourth Order of Business**

# **Coral Springs Improvement District**

Financial Reporting  
for  
MARCH 2018

APRIL 16, 2018  
Board of Supervisors Meeting



**Coral Springs Improvement District**  
**Balance Sheet**  
**All Fund Types and Account Groups**

March 31, 2018

Description	General Fund	Water & Sewer Fund	General Fixed Assets	Totals
<b>ASSETS</b>				
Cash & Cash Equivalents:				
Checking Accounts	\$ 2,775,888	6,033,076	\$ -	\$ 8,808,964
Cash on Hand	-	500	-	500
Money Market Accounts	2,113,086	7,200,872	-	9,313,958
Investments	1,510,573	6,628,260	-	8,138,833
Certificates of Deposit	-	257,486	-	257,486
Restricted Cash	-	-	-	-
Restricted Investments	-	5,762,709	-	5,762,709
Accounts Receivable	-	603,736	-	603,736
Unbilled Utility Revenues Receivable	-	678,600	-	678,600
Accrued Interest Receivable	-	8,428	-	8,428
Due from Other Funds	-	-	-	-
Prepaid Expenses	7,396	323,162	-	330,558
Bond Costs-2016 Series	-	-	-	-
Deferred Outflow-2007 Series	-	1,715,296	-	1,715,296
Land	-	361,739	553,200	914,939
Easements	-	394,998	-	394,998
Meters in Field (Net)	-	1,299,989	-	1,299,989
Machinery & Equipment (Net)	-	247,268	82,138	329,406
Imp. Other than Bldgs (Net)	-	53,158,394	12,890,274	66,048,668
Buildings (Net)	-	167,407	-	167,407
Construction in Progress	-	725,728	-	725,728
<b>Total Assets</b>	<b>\$ 6,406,943</b>	<b>\$ 85,567,648</b>	<b>\$ 13,525,612</b>	<b>\$ 105,500,203</b>

**Coral Springs Improvement District**

Balance Sheet

All Fund Types and Account Groups

March 31, 2018

Description	General Fund	Water & Sewer Fund	General Fixed Assets	Totals
<b>LIABILITIES</b>				
Accounts Payable	\$ -	\$ 19,031	\$ -	\$ 19,031
Contracts Payable	-	-	-	-
Retainage Payable	-	-	-	-
Accrued Int Payable-2016 Series	-	424,509	-	424,509
Accrued R & R Reserve	-	-	-	-
Accrued Wages Payable	13,511	103,243	-	116,754
Accrued Vac/Sick Time Payable	-	246,297	-	246,297
Pension Payable	-	-	-	-
Utility Tax Payable	-	50,515	-	50,515
Payroll Taxes Payable	-	-	-	-
Deposits	25,000	553,142	-	578,142
Deferred Revenues	-	2,575	-	2,575
Due to Other Funds	-	474	-	474
Net OPEB Obligation	-	255,067	-	255,067
Bonds Payable-2016 Series	-	41,755,000	-	41,755,000
<b>Total Liabilities</b>	<b>\$ 38,511</b>	<b>\$ 43,409,853</b>	<b>\$ -</b>	<b>\$ 43,448,364</b>
<b>FUND BALANCE / NET POSITION</b>				
Fund Balance:				
Unspendable	7,396	-	-	7,396
Assigned	4,750,000	-	-	4,750,000
Unassigned	-	-	-	-
Unassigned	1,611,036	-	-	1,611,036
Net Position	-	42,157,795	-	42,157,795
Investment in GFA	-	-	13,525,612	13,525,612
<b>Total Fund Balance / Net Assets</b>	<b>\$ 6,368,432</b>	<b>\$ 42,157,795</b>	<b>\$ 13,525,612</b>	<b>\$ 62,051,839</b>
<b>Total Liabilities &amp; Fund Balance / Net Assets</b>	<b>\$ 6,406,943</b>	<b>\$ 85,567,648</b>	<b>\$ 13,525,612</b>	<b>\$ 105,500,203</b>

**Coral Springs Improvement District**  
**General Fund**  
**Statement of Revenues, Expenditures and Change in Fund Balance**

**For the Period Ending March 31, 2018**

	Adopted Budget FYE 2018	Prorated Budget Thru 3/31/2018	Actual 6 Months Ending 3/31/2018	Variance Favorable (Unfavorable)
<b>REVENUES:</b>				
Assessments (Net)	\$ 1,781,819	\$ 1,685,910	\$ 1,685,910	\$ -
Permit Review Fees	1,000	1,100	1,100	-
Interest Income	12,000	6,000	21,375	15,375
Shared Personnel Revenue	32,909	16,455	16,455	-
Miscellaneous Revenue	-	-	-	-
Carry Forward Assigned Funds	187,850	-	-	-
<b>Total Revenues</b>	<b>\$ 2,015,578</b>	<b>\$ 1,709,465</b>	<b>\$ 1,724,840</b>	<b>\$ 15,375</b>

**EXPENDITURES:**

**Administrative**

Supervisor Fees	\$ 7,200	\$ 3,600	\$ 3,600	\$ -
Salaries/Wages	145,441	72,721	71,632	1,089
Special Pay	266	266	271	(5)
FICA Taxes	11,678	5,839	5,774	65
Pension Expense	15,999	8,000	8,632	(632)
Health Insurance	56,377	28,189	25,951	2,238
Workers Comp. Ins.	410	205	262	(57)
Engineering Fees	30,000	7,500	3,400	4,100
Attorney Fees	36,000	18,000	21,415	(3,415)
Special Consulting Services	56,887	28,444	62,583	(34,139)
Annual Audit	7,850	7,850	7,900	(50)
Actuarial Computation-OPEB	435	218	-	218
Management Fees	55,644	27,822	27,822	-
Telephone Expense	3,175	1,588	1,587	1
Postage	636	318	318	-
Printing & Binding	1,200	600	600	-
Building Rent	12,000	6,000	6,000	-
Insurance	1,123	562	553	9
Legal Advertising	2,000	1,000	-	1,000
Contingencies/Other Current Charges	-	-	105	(105)
Computer/Technology Expense	29,400	12,250	7,500	4,750
Digital Record Management	1,000	417	313	104
Office Supplies	7,125	3,563	3,953	(390)
Dues, Subscriptions	8,300	212	212	-
Promotional Expenses	4,800	-	-	-
Capital Outlay	-	-	-	-
<b>Total Administrative</b>	<b>\$ 494,946</b>	<b>\$ 235,164</b>	<b>\$ 260,383</b>	<b>\$ (25,219)</b>

**Coral Springs Improvement District**  
**General Fund**  
**Statement of Revenues, Expenditures and Change in Fund Balance**

For the Period Ending March 31, 2018

	Adopted Budget FYE 2018	Prorated Budget Thru 3/31/2018	Actual 6 Months Ending 3/31/2018	Variance Favorable (Unfavorable)
<b>Field Operations</b>				
Salaries and Wages	\$ 257,579	\$ 128,790	\$ 131,675	\$ (2,885)
Special Pay	813	813	815	(2)
FICA Taxes	19,704	9,852	9,981	(129)
Pension Expense	28,334	14,167	15,808	(1,641)
Health Insurance	81,220	40,610	40,475	135
Worker's Comp. Insurance	14,270	7,135	9,149	(2,014)
Water Quality Testing	2,400	1,200	1,076	124
Communications-Radios/Cellphones	1,272	636	888	(252)
Electric Expense	1,411	588	415	173
Rentals & Leases	-	-	-	-
Insurance	13,372	6,686	6,526	160
Hurricane Irma	-	-	191,379	(191,379)
R & M - General	53,410	22,254	9,162	13,092
R & M - Culvert Inspection & Cleaning	69,500	-	-	-
R & M - Canal Dredging & Maintenance	-	-	-	-
R & M - Vegetation Management	15,000	-	-	-
Operating Supplies - General	1,025	513	1,833	(1,320)
Operating Supplies - Chemicals	113,346	47,228	43,860	3,368
Operating Supplies - Uniforms	1,760	880	720	160
Operating Supplies - Motor Fuels	54,694	22,789	2,376	20,413
Dues, Licenses	3,672	1,269	1,269	-
Capital Outlay-Equipment	47,850	29,570	29,570	-
Capital Improvements	140,000	35,956	35,956	-
<b>Total Field</b>	<b>\$ 920,632</b>	<b>\$ 370,936</b>	<b>\$ 532,933</b>	<b>\$ (161,997)</b>
<b>Total Expenditures</b>	<b>\$ 1,415,578</b>	<b>\$ 606,100</b>	<b>\$ 793,316</b>	<b>\$ (187,216)</b>
<b>Reserves:</b>				
Reserved for 1st Qtr Operating	350,000	175,000	-	175,000
Reserved for Projects & Emergencies	250,000	125,000	-	125,000
<b>Total Reserves</b>	<b>\$ 600,000</b>	<b>\$ 300,000</b>	<b>\$ -</b>	<b>\$ 300,000</b>
<b>Total Expenditures &amp; Reserves</b>	<b>\$ 2,015,578</b>	<b>\$ 906,100</b>	<b>\$ 793,316</b>	<b>\$ 112,784</b>
<b>Excess Revenues Over (Under) Expenditures &amp; Reserves</b>	<b>\$ -</b>	<b>\$ 803,365</b>	<b>\$ 931,524</b>	<b>\$ 128,159</b>
<b>Fund Balance Beginning</b>				<b>\$ 5,436,908</b>
<b>Fund Balance Ending</b>				<b>\$ 6,368,432</b>

**Coral Springs Improvement District**  
**Water and Sewer Fund**  
**Statement of Revenues, Expenses and Change in Net Assets**

For the Period Ending March 31, 2018

	Adopted Budget FYE 2018	Prorated Budget Thru 3/31/2018	Actual 6 Months Ending 3/31/2018	Variance Favorable (Unfavorable)
<b>REVENUES:</b>				
Water Revenue	\$ 6,467,008	3,233,504	\$ 3,171,747	\$ (61,757)
Sewer Revenue	5,852,977	2,926,489	2,906,399	(20,090)
Standby Revenue	3,120	1,560	1,560	-
Processing Fees	12,000	6,000	8,300	2,300
Lien Information Fees	9,000	4,500	8,625	4,125
Delinquent Fees	45,000	22,500	80,205	57,705
Contract Utility Billing Services	56,782	28,391	28,391	-
Contract HR & Payroll Services	12,526	6,263	6,263	-
Facility Connection Fees	-	-	21,520	21,520
Meter Fees	-	-	-	-
Line Connection Fees	-	-	37,350	37,350
Interest Income-Restricted	-	-	30,000	30,000
Interest Income-Operations	30,000	15,000	63,517	48,517
Rent Revenue	61,810	30,905	43,780	12,875
Technology Sharing Revenue	15,000	7,500	7,500	-
Misc. Revenues	12,000	6,000	10,265	4,265
Renewal & Replacement	248,000	-	-	-
Carryforward Prior Yr Fund Balance	6,702,033	210,091	210,091	-
<b>Total Revenues</b>	<b>\$ 19,527,256</b>	<b>\$ 6,498,703</b>	<b>\$ 6,635,513</b>	<b>\$ 136,810</b>

**Coral Springs Improvement District**  
**Water and Sewer Fund**  
**Statement of Revenues, Expenses and Change in Net Assets**

For the Period Ending March 31, 2018

	Adopted Budget FYE 2018	Prorated Budget Thru 3/31/2018	Actual 6 Months Ending 3/31/2018	Variance Favorable (Unfavorable)
<b><u>EXPENSES:</u></b>				
<b><u>Administrative</u></b>				
Salaries/Wages/Overtime	\$ 950,246	\$ 475,123	\$ 487,533	\$ (12,410)
Special Pay	2,311	2,311	2,328	(17)
FICA Taxes	72,693	36,347	37,256	(909)
Pension Expense	114,030	57,015	58,289	(1,274)
Health Insurance	184,003	92,002	90,212	1,790
Workers Comp. Insurance	2,564	1,282	648	634
Unemployment Comp	1,000	500	-	500
Engineering Fees	24,000	12,000	11,984	16
Trustee Fees/ Other Debt Exp.	14,211	9,474	9,159	315
Attorney Fees	12,000	5,000	12,104	(7,104)
Special Council Services	59,750	24,896	27,927	(3,031)
Travel & Per Diem	4,500	2,250	-	2,250
Annual Audit	11,850	11,850	11,850	-
Actuarial Computation-OPEB	3,315	1,658	-	1,658
Management Fees	83,469	41,735	41,735	-
Telephone	11,640	5,820	5,451	369
Postage	36,800	15,333	11,722	3,611
Printing & Binding	21,160	8,817	5,931	2,886
Electric	11,881	4,950	4,106	844
Rentals and Leases	2,850	1,425	1,360	65
Insurance	14,007	7,004	7,078	(74)
Repair and Maintenance	34,710	14,463	5,425	9,038
Legal Advertising	3,000	1,500	2,473	(973)
Other Current Charges	27,060	13,530	11,545	1,985
Credit Card Merchant Fees	63,600	31,800	31,174	626
Computer/Technology Expense	74,640	37,320	18,205	19,115
Digital Record Management	-	-	-	-
Toilet Rebate	14,850	7,425	5,445	1,980
Office Supplies	6,000	3,000	-	3,000
Dues, Memberships, Etc	11,500	1,443	1,443	-
Promotional Expenses	16,170	11,245	11,245	-
Capital Outlay	50,000	-	-	-
<b>Total Administrative</b>	<b>\$ 1,939,810</b>	<b>\$ 938,518</b>	<b>\$ 913,628</b>	<b>\$ 24,890</b>

**Coral Springs Improvement District**  
**Water and Sewer Fund**  
**Statement of Revenues, Expenses and Change in Net Assets**

For the Period Ending March 31, 2018

	Adopted Budget FYE 2018	Prorated Budget Thru 3/31/2018	Actual 6 Months Ending 3/31/2018	Variance Favorable (Unfavorable)
<b><u>Plant Operations</u></b>				
Salaries and Wages	\$ 1,625,499	\$ 812,750	\$ 704,830	\$ 107,920
Special Pay	2,865	2,761	2,761	-
FICA Taxes	124,352	62,176	54,160	8,016
Pension Expense	192,414	96,207	79,841	16,366
Health Insurance	307,878	153,939	140,468	13,471
Worker's Comp. Insurance	56,731	28,366	36,381	(8,015)
Water Quality Testing	74,066	30,861	21,366	9,495
Telephone	8,592	4,296	3,563	733
Electric Expense	669,233	334,617	324,411	10,206
Rentals & Leases	13,400	6,700	1,398	5,302
Insurance	153,710	76,855	77,108	(253)
Repair & Maint-General	873,007	291,002	264,453	26,549
Repair & Maint-Filters for Water Plant	41,300	13,767	9,049	4,718
Sludge Management-Sewer	189,124	63,041	51,564	11,477
Advertisement (Employment)	6,000	3,000	2,281	719
Office Supplies	2,265	1,133	1,613	(480)
Operating Supplies-General	54,175	18,058	12,911	5,147
Operating Supplies-Chemicals	421,102	140,367	129,366	11,001
Operating Supplies-Uniforms	8,065	4,033	3,423	610
Operating Supplies-Motor Fuels	144,504	4,059	4,059	-
Dues, Licenses, Etc.-Other	38,319	4,176	4,176	-
Capital Outlay	3,232,934	450,621	450,621	-
Renewal & Replacement Expense	248,000	88,993	88,993	-
<b>Total Plant Operations</b>	<b>\$ 8,487,535</b>	<b>\$ 2,691,778</b>	<b>\$ 2,468,796</b>	<b>\$ 222,982</b>

**Coral Springs Improvement District**  
**Water and Sewer Fund**  
**Statement of Revenues, Expenses and Change in Net Assets**

For the Period Ending March 31, 2018

	Adopted Budget FYE 2018	Prorated Budget Thru 3/31/2018	Actual 6 Months Ending 3/31/2018	Variance Favorable (Unfavorable)
<b>Field Operations</b>				
Salaries/ Wages/Overtime	\$ 719,367	\$ 359,684	\$ 331,172	\$ 28,512
Special Pay	1,405	1,354	1,354	-
FICA Taxes	55,034	27,517	25,180	2,337
Pension Expense	86,321	43,161	38,197	4,964
Health Insurance	190,622	95,311	84,648	10,663
Worker's Comp. Insurance	33,522	16,761	21,503	(4,742)
Water Quality Testing	1,000	500	675	(175)
Naturescape Irrigation Serv	4,679	2,340	-	2,340
Telephone	10,800	5,400	5,011	389
Electric	105,259	52,630	52,422	208
Rent Expense	13,500	6,750	4,308	2,442
Rent Expense-SCADA	56,040	28,020	28,020	-
Insurance	20,016	10,008	10,280	(272)
Repair and Maintenance	305,830	152,915	141,866	11,049
Meters-Replacement Program	8,031	4,016	18,465	(14,449)
Meters-New Connections	4,632	2,316	-	2,316
Meters-Supplies	6,708	3,354	321	3,033
Advertising Employment	440	220	1,840	(1,620)
Office Supplies	1,680	840	471	369
Operating Supplies-General	98,795	49,398	27,969	21,429
Operating Supplies-Uniforms	5,810	2,905	2,180	725
Operating Supplies-Motor Fuels	23,504	11,752	18,762	(7,010)
Dues, Licenses, Etc	12,536	4,045	4,045	-
Capital Outlay	3,233,999	384,210	384,210	-
Renewal & Replacement	-	-	-	-
<b>Total Field Operations</b>	<b>\$ 4,999,530</b>	<b>\$ 1,265,407</b>	<b>\$ 1,202,899</b>	<b>\$ 62,508</b>
<b>Total Operating Expenses</b>	<b>\$ 15,426,875</b>	<b>\$ 4,895,703</b>	<b>\$ 4,585,323</b>	<b>\$ 310,380</b>
<b>Reserves:</b>				
Required Reserve for R & R	-	-	-	-
Reserve for Future Debt Service Obligations	1,000,000	500,000	500,000	-
<b>Total Operating Exp &amp; Reserve</b>	<b>\$ 16,426,875</b>	<b>\$ 5,395,703</b>	<b>\$ 5,085,323</b>	<b>\$ 310,380</b>
<b>Available for Debt Service</b>	<b>\$ 3,100,381</b>	<b>\$ 1,103,000</b>	<b>\$ 1,550,190</b>	<b>\$ 447,190</b>
<b>Debt Service</b>				
<b>Principal</b>				
2016 Series	1,545,000	772,500	772,500	-
<b>Interest</b>				
2016 Series	1,273,528	636,764	636,764	-
<b>Total Debt Service</b>	<b>\$ 2,818,528</b>	<b>\$ 1,409,264</b>	<b>\$ 1,409,264</b>	<b>\$ -</b>
<b>Excess Revenues (Expenses)</b>	<b>281,853</b>	<b>(306,264)</b>	<b>140,926</b>	<b>447,190</b>
<b>Net Assets Beginning</b>			<b>\$ 42,016,869</b>	
<b>Net Assets Ending</b>			<b>\$ 42,157,795</b>	



**Coral Springs Improvement District  
Water and Sewer Fund  
Statement of Revenues, Expenses and Change in Net Assets**

**For the Period Ending March 31, 2018**

	Adopted Budget FYE 2018	Prorated Budget Thru 3/31/2018	Actual 6 Months Ending 3/31/2018	Variance Favorable (Unfavorable)
--	-------------------------------	---	---	--

<b>Summary of Operations and Debt Service Coverage</b>				
Revenues			<u>\$ 6,635,513</u>	
Operating Expenditures:				
Operating Expenditures-Admin			913,628	
Operating Expenditures-Plant			2,468,796	
Operating Expenditures-Field			1,202,899	
Total Operating Expenditures			<u>\$ 4,585,323</u>	
Required Reserve for R&R			-	
Required Reserve for future Debt Service			500,000	
Total Operating Exp & Reserves			<u>\$ 5,085,323</u>	
Available for Debt Service			\$ 1,550,190	<b>Debt Service Coverage 1.10</b>
Less: Debt Service			<u>1,409,264</u>	
Excess Revenues (Exp)			<u>\$ 140,926</u>	

**CORAL SPRINGS IMPROVEMENT DISTRICT  
ASSESSMENT COLLECTIONS FOR FYE 2018**

March 31, 2018

Date	Assessments Collected (net of all Commissions & Fees)
10/31/2017	\$ -
11/21/2017	334,243
12/8/2017	1,068,525
12/12/2017	67,083
12/29/2017	96,538
1/12/2018	43,119
2/15/2018	46,141
3/16/2018	30,261
<hr/> <b>Totals</b>	<hr/> <b>\$ 1,685,910</b> <hr/>

# Coral Springs Improvement District

## Check Registers

MARCH 2018

FUND	CHECK DATE	CHECK No	AMOUNT
General Fund	03/01/2018 thru 03/31/2018	#4544 - #4557	\$ 302,928.73
<b>Total</b>			<b>\$ 302,928.73</b>

Water and Sewer	03/01/2018 thru 03/31/2018	#24748 - #24961	\$ 937,597.78
<b>Total</b>			<b>\$ 937,597.78</b>

CHECK DATE	VEND#	INVOICE DATE	EXPENSED TO... NUMBER YRMO FND DPT ACCT# SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
3/12/18	00023		12000 SW 1ST ST PS 2 121 NW 93RD TER PS 1	FLORIDA POWER & LIGHT CO.			80.67	004544
3/12/18	00248		LEGAL SERVICES 01/2018	LEWIS, LONGMAN & WALKER, P.A.			6,181.50	004545
3/12/18	00229		AQUATIC CHEMICAL	RED RIVER SPECIALTIES, LLC			397.50	004546
3/12/18	00284		SUNSHINE 50% PINETREE 25% CSID-GF 25%	WASTE PRO-POMPANO			1,119.48	004547
3/21/18	01151		PARK PROPERTY 02/2018	BECKER & POLIAKOFF			7,395.00	004548
3/21/18	99999		VOID CHECK	*****INVALID VENDOR NUMBER*****			.00	004549
3/21/18	00051		UNIFORM RENTAL 02/18 GASOLINE-GAS 02/18 GASOLINE-DIESEL 02/18 SPRINT 02/18 SAM'S CLUB-FIELD SUP02/18 AMEX-RICHARD'S LOCKSMITH TELEPHONE 03/18 POSTAGE 03/18 PRINT & BINDING 03/18 RENT 03/18 TECHNOLOGY SHARING 03/18 OFFICE SUPPLIES 03/18 HEALTH INSURANCE-ADMIN HEALTH INSURANCE-FIELD SUMMIT-WC INS-ADMIN SUMMIT-WC INS-FIELD AMEX-AMAZON-GPS CAMERA AMEX-AMAZON-ACCESSORIES FIRE & SECURITY GF 03/18 MUTUAL OF OMAHA 12/2017	CORAL SPRINGS IMPROVEMENT DIST WS			16,903.80	004550
3/21/18	00106		QUARTERLY CANALS 8020349	FLORIDA SPECTRUM ENV. SERVICES, INC			538.00	004551
3/21/18	00248		LEGISLATION 02/2018 LEGAL SERVICES 02/2018	LEWIS, LONGMAN & WALKER, P.A.			6,439.20	004552
3/21/18	01156		DEBRIS REMOVAL/DISPOSAL DEBRIS REMOVAL/DISPOSAL	PHILLIPS AND JORDAN, INC.			163,147.55	004553
3/28/18	00080		AMT DUE WS 03/28/2018	CORAL SPRINGS IMPROVEMENT DIST WS			42,514.78	004554
3/28/18	00116		PS # 1 EAST PUMP # 1	FPI INC.			25,478.00	004555
3/28/18	01159		MANAGEMENT FEES 03/2018	INFRAMARK, LLC			4,637.00	004556
3/28/18	01153		DEBRIS MONITORING	ROSTAN SOLUTIONS, LLC			28,096.25	004557
TOTAL FOR BANK G						302,928.73		
CSID -----CSID---- MARTHAR								

CHECK	VEND#	.....INVOICE.....	...EXPENSED TO...	VENDOR NAME	STATUS	AMOUNT	....CHECK.....
DATE		DATE	NUMBER YRMO FND DPT ACCT# SUB				AMOUNT #

TOTAL FOR REGISTER 302,928.73

CSID -----CSID----- MARTHA

CHECK DATE	VEND#	INVOICE DATE	EXPENSED TO NUMBER YRMO FND DPT ACCT# SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
3/01/18	01227			PREVENTATIVE MAINT-CAMERA AMC SURVEILLANCE CAMERAS		280.00	024748	
3/01/18	01502			WINDSHIELD TAGS-QTY 50 AT & I SYSTEMS		626.50	024749	
3/01/18	00889			SUPPLIES-MTR INSTALL BROWARD BOLT		84.13	024750	
3/01/18	01598			HYDRANT PART CORE & MAIN LP		139.58	024751	
3/01/18	00621			VIBRATION ANALYSIS-RO 3 CORNELL BALANCING CO., INC.		420.00	024752	
3/01/18	01479			GPR SERVICES-LOCATES CRAIG A.SMITH & ASSOCIATES		500.00	024753	
3/01/18	01267			UNIT=028 2 NEW TIRES UNIT=030 REPAIRS UNIT=141 REAR LIGHT LENS CYPRESS MOBIL		897.00	024754	
3/01/18	01452			DIGESTER 1-NEW PROBE DELTA CONTROLS		180.00	024755	
3/01/18	00018			GASKETS-WTP WATER BREAK SUPPLIES WATER BREAK SUPPLIES WATER BREAK-PARTS FEI-POMPANO BEACH,FL WW # 125		1,665.36	024756	
3/01/18	01233			FIRE ALARM INSPECT-FIELD FIRE ALARM INSP-GF FIRE & SECURITY SOLUTIONS, INC.		225.00	024757	
3/01/18	01131			POST MTR 02/19/18-5/18/18 POST MTR 02/20/18-5/19/18 FRANCO TYP-POSTALIA, INC.		179.85	024758	
3/01/18	01360			WA 130 WW PLANT D ASSESS GLOBALTECH, INC.		17,870.54	024759	
3/01/18	01360			WA 129 WPT FLUORIDE-CSID GLOBALTECH, INC.		8,838.00	024760	
3/01/18	01360			WA 129 WTP FLUORIDE-GRANT GLOBALTECH, INC.		2,700.00	024761	
3/01/18	01360			WA 133 ARC FLASH STUDY GLOBALTECH, INC.		902.50	024762	
3/01/18	01360			WA 128 NAO CI TANKS 1&3 GLOBALTECH, INC.		10,263.79	024763	
3/01/18	01360			WA 118 MARGATE-CSID GLOBALTECH, INC.		37,761.04	024764	
3/01/18	01360			WA 118 MARGATE-CITY GLOBALTECH, INC.		37,761.03	024765	
3/01/18	01360			WA 124 EFFLUENT PUMP STAT GLOBALTECH, INC.		117,668.36	024766	
3/01/18	01360			WA 132 CSID WELL 6 VFD GLOBALTECH, INC.		665.19	024767	
3/01/18	01360			WA 131 DIESEL HSP 7 BYPAS GLOBALTECH, INC.		1,932.24	024768	
3/01/18	01360			WA 127 PLANT F RAS VALVE GLOBALTECH, INC.		7,303.39	024769	
3/01/18	00179			DIGESTER 1-PH SENSOR				

CSID -----CSID----- MARTHAR

CHECK DATE	VEND#	INVOICE DATE	NUMBER	EXPENSED TO... YRMO FND DPT ACCT# SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
3/01/18	00033				FREIGHT CREDIT-FREIGHT LATE HACH COMPANY			1,118.71	024770
3/01/18	01605				SUPPLIES-HEADWORKS BLDG SUPPLIES SPRINKLER PIPES SUPPLIES SUPPLIES-RO CONCEN PVC GLUE CONCRETE PAD-VALVE MONUMT HOME DEPOT			543.42	024771
3/01/18	01235				MANAGEMENT FEE 01/18 COPIES 01/18 POSTAGE 01/18 MANAGEMENT FEE 02/18 COPIES 02/18 INFRAMARK, LLC			13,931.78	024772
3/01/18	00913				ANNUAL SPRINKLER INSP ANNUAL SPRINKLER INSP J.W. FIRE SPRINKLER, INC.			640.00	024773
3/01/18	01471				SEWER MACH CAMERA-REPAIRS FREIGHT MYTANA LLC			652.90	024774
3/01/18	01150				SATELLITE PHONE-TEST NETWORK INNOVATIONS US, INC.			2.07	024775
3/01/18	00045				LABEL MAKER TAPE-2 PEDRO OFFICE DEPOT			53.98	024776
3/01/18	01392				UNIT-048 TOWING LIGHTS PEP BOYS			28.49	024777
3/01/18	01410				CSID REPLY ENVELOPE 5,000 PRINTING CORP. OF THE AMERICAS, INC			214.00	024778
3/01/18	00551				1.5 " METER REPLACEMENT 2" METER REPLACEMENT FREIGHT RG3 METER COMPANY			4,633.27	024779
3/01/18	00155				SUMP PUMP 405 RICE PUMP & MOTOR INC			210.00	024780
3/01/18	01175				ADMIN NEXTEL 02/18 PLANT-WATER NEXTEL 02/18 PLANT-WASTE NEXTEL 02/18 PLANT-MAINT NEXTEL 02/18 FIELD NEXTEL 02/18 NEXTEL 02/18 DUE SUNSHINE NEXTEL 02/18 DUE CSID GF SPRINT			1,415.97	024781
					UNIFORMS-WATER UNIFORMS-WW UNIFORMS-MAINT UNIFORMS-FIELD UNIFORMS-GF 02/14/18 UNIFORMS-WATER UNIFORMS-WW UNIFORMS-MAINT UNIFORMS-FIELD				

CHECK DATE	VEND#	INVOICE DATE	NUMBER	EXPENSED TO... YRMO FND DPT ACCT# SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
3/06/18	01194			UNIFORMS-GF 02/21/18	UNIFIRST CORPORATION			401.68	024782
				REFRIGERANT 10% DISCOUNT AC=007 CLEARED LEAK 10% DISCOUNT AC=010 ISOLATION TEST 10% DISCOUNT					
3/06/18	00005				AIR AMERICA AIR CONDITIONING, LLC			1,218.40	024783
				COT-SOD HYPO 58% COT-SOD HYPO 42%					
3/06/18	99999				ALLIED UNIVERSAL CORP.			2,827.50	024784
3/06/18	01130			VOID CHECK	*****INVALID VENDOR NUMBER*****			.00	024785
				MCAFEE RENWAL-CANCELLED AMAZON.COM-UBS SURGE PROT SUPERMEDIA-6 TONERS HP.COM-3 COMPUTERS MALWAREBYTES-DAN COMPUTER FLEETIO-MONTHLY FEE MICROSOFT-SUITE-RICK FRANCOTYP-POSTAGE REFILL WALMART.COM-FIELD COMPUTE ANTHONY'S-MONTHLY LUNCH INDEED-EMPLOY-WW HARRINGTON-O RINGS ANTHONYS-MANAGERS MEETING MEM RWDS ANNUAL PROG FEE HARRINGTON-TAX CONTROLS CNTRL-LS ALL SCOTT AERATOR-LAKE PUMP NORTON-ANTI VIRUS-5 SEATS MITCHELL-SAFETY SUPPLIES SEMINAR TRAINING-3 EE FSAWWA-TASTING WTR EVENT FSAWWA-TASTING WTR EVENT FSAWWA-TASTING WTR EVENT AMAZON-GPS CAMERA					
3/06/18	01317			AMAZON-CAMERA ACCESSORIES	AMERICAN EXPRESS			5,419.78	024786
				2YR LIC RENEW-HAZARD.MATL 2YR LIC RENEW-HAZARD.MATL					
3/06/18	00857				BROWARD COUNTY BOARD OF COUNTY COMM			.00	024787
3/06/18	00352			UNIT=047 NEW WINCH MOTOR	CAPITAL ONE			768.11	024788
3/06/18	00609			50017.65	CITY OF CORAL SPRINGS			50,017.65	024789
3/06/18	01598			MAPS FROM CITY UB	CITY OF CORAL SPRINGS			40.20	024790
				8" PIPE PROJ-PVC 8" PIPE PROJ-PVC 8" PIPE PROJ-PVC FREIGHT 8" PIPE PROJ-PVC					



CHECK DATE	VEND#	INVOICE DATE	EXPENSED TO NUMBER	YRMO	FND	DPT	ACCT#	SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
3/06/18	01267		FREIGHT						CORE & MAIN LP		3,641.96	024791	
			UNIT=030 2 NEW SENSORS										
			UNIT=034 NEW FUEL PARTS										
			UNIT=028 OIL CHANGE										
			UNIT=047 OIL CHANGE										
			UNIT=106 OIL CHANGE										
			UNIT=117 OIL CHANGE						CYPRESS MOBIL		2,484.96	024792	
3/06/18	01452		BLOWERS 9-11 TROUBLESHOOT						DELTA CONTROLS		180.00	024793	
3/06/18	00017		OVERNIGHT SERVICE						FEDEX		34.95	024794	
3/06/18	00018		WATER BREAK SUPPLIES						FEI-POMPANO BEACH, FL WW # 125		646.06	024795	
3/06/18	00020		CHEMICAL CARTRIDGES										
			LAB EQUIPMENT										
			LAB CHEMICALS						FISHER SCIENTIFIC COMPANY LLC.		611.67	024796	
3/06/18	99999		VOID CHECK						*****INVALID VENDOR NUMBER*****		.00	024797	
3/06/18	99999		VOID CHECK						*****INVALID VENDOR NUMBER*****		.00	024798	
3/06/18	00056		MON BACTIS 8011025										
			CBOD & TSS 8011074										
			CBOD & TSS 8011075										
			CBOD & TSS 8020112										
			CBOD & TSS 8020113										
			CBOD & TSS 8020114										
			SOUR #2 8020154										
			SOUR #1 8020156										
			MONT. WELLS 8020218										
			CBOD & TSS 8020295										
			LINE CLEARANCE 8020296										
			LINE CLEARANCE 8020297										
			RO CONCEN 8020298										
			SLUDGE CAKE #3 8020347										
			CBOD & TSS 8020348										
			CBOD & TSS 8020360										
			SOUR #4 8020361										
			MONTHLY BACTIS 8020362										
			PLATE COUNT 8020363										
			FLUORIDE 8020364										
			AMMONIA TEST 8020365										
			CBOD & TSS 8020366										
			SOUR #5 8020367										
			CBOD & TSS 8020492										
			CBOD & TSS 8020493										
			TOTAL P & N 8020494										
			CBOD & TSS 8020527										
			CBOD & TSS 8020528						FLORIDA SPECTRUM ENV. SERVICES, INC		2,304.80	024799	
3/06/18	00063		COMPRESSOR-DRAIN VALVE						GRAINGER, INC.		117.62	024800	
3/06/18	01535		SODIUM HYDROXIDE										

CHECK DATE	VEND#	INVOICE DATE	EXPENSED TO NUMBER YRMO FND DPT ACCT# SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
3/06/18	00033		CORRISION INHIBITOR	HAWKINS, INC.			3,247.75	024801
			GFI HEATER SUPPLIES TAX RETURNED ITEM SUPPLIES-AUGER SYSTEM COMPRESSOR-SUPPLIES TOOLS & MISC SUPPLIES RETURN ITEM COMPRESSOR-SUPPLIES 8" PIPE PROJ-SUPPLIES POOL SUPPLIES					
3/06/18	01150			HOME DEPOT			584.66	024802
3/06/18	01355		LABELS-2 BOXES	OFFICE DEPOT			54.20	024803
3/06/18	01406		DR-MARCH 2018-PREPAID SERVICES 01/26-02/25/2018	OFFICESTREAM, INC.			505.00	024804
3/06/18	01392		DFS SHIPPING	PAKMAIL			24.14	024805
3/06/18	01576		FEB NEWSLETTERS 9,500 MAILING	PRINTING CORP. OF THE AMERICAS, INC			2,280.00	024806
3/06/18	01571		BIG BEAR-MONTHLY LUNCH	RUBIO, MARTA I.			50.34	024807
3/06/18	99999		PEST CONTROL-ADMIN 02/18 PEST CONTROL-MAINT 02/18	SAMCO PEST SOLUTIONS			250.00	024808
3/06/18	00425		VOID CHECK	*****INVALID VENDOR NUMBER*****			.00	024809
3/06/18	00053		ADMIN-COFFEE SUPP 01/18 ADMIN-BOARD MTG WATER-COFFEE/GATORADE WATER-CLEANING SUPP WW-COFFEE/GATORADE WW-CLEANING SUPP MAINT-COFFEE/GATORADE MAINT-CLEANING SUPP FIELD-COFFEE/GATORADE FIELD-GF-CLEANING SUPP FIELD-GF-COFFEE/GATORADE FIELD-GF-CLEANING SUPP FIELD-PT-COFFEE SUPP FIELD-PT-CLEANING SUPP FIELD-SS-COFFEE SUPP FIELD-SS-CLEANING SUPP	SAM'S CLUB/SYNCHRONY BANK			564.49	024810
3/06/18	00200		PAINT-HSP 5 FLOOR	SHERWIN-WILLIAMS			76.96	024811
3/06/18	01561		WORKSHOP	SUN-SENTINEL (SOUTH FLORIDA)			114.80	024812
3/06/18	01562		PRINCIPAL 2016 SER 03/18	US BANK			128,750.00	024813
			INTEREST 2016 SER 03/18	US BANK			106,127.29	024814

CSID -----CSID---- MARTHAR

CHECK DATE	VEND#	INVOICE DATE	NUMBER	EXPENSED TO YRMO	FND DPT ACCT#	SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
3/06/18	00441						LAB CHEMICALS FREIGHT LAB EQUIPMENT FREIGHT				
3/06/18	01529						USA BLUEBOOK		383.42	024815	
3/06/18	01465						TRASH SERVICES-02/18 WASTE PRO-POMPANO		473.88	024816	
3/06/18	01317						DEEPWELL BLDG-ELECT PARTS RO GEN-STOP BUTTON COVER GEN 5-STOP BUTTON COVER				
3/06/18	01317						WORLD ELECTRIC SUPPLY, INC.		96.76	024817	
3/07/18	88888						2YR LIC RENEW-HAZARD MATL BROWARD COUNTY BOARD OF COUNTY COMM		1,426.50	024818	
3/07/18	88888						400036106 BOLDUC JULIE JULIE BOLDUC		120.73	024819	
3/07/18	88888						800189804 CARBALLO ROBERT ROBERT CARBALLO		59.22	024820	
3/07/18	88888						600201606 COLFIN AI-FL 3 COLFIN AI-FL 3 LLC		72.56	024821	
3/07/18	88888						900496011 *SNYDER TONYA *TONYA SNYDER		21.01	024822	
3/07/18	88888						100760007 *COSCIA LAWRENC *LAWRENCE COSCIA		61.93	024823	
3/07/18	88888						100764005 ARCHILLA OMAR OMAR ARCHILLA		60.66	024824	
3/07/18	88888						810161606 *DANIELS RICHA *RICHARD DANIELS		37.98	024825	
3/07/18	88888						510566109 *AUGUSTINE GINM *GINMARIE AUGUSTINE		61.93	024826	
3/07/18	88888						620192511 CARNELTON LLC 620192511 CARNELTON LLC		.00	024827	
3/07/18	88888						220300204 GALINDO FABRICE FABRICIO GALINDO		159.52	024828	
3/07/18	88888						220300504 MARSIT NICHOLAS NICHOLAS MARSIT		38.07	024829	
3/07/18	88888						420422817 FELTON ULRIKE ULRIKE VERONIKA FELTEN		200.00	024830	
3/07/18	88888						920508010 *BEKKY JACKIE *JACKIE BEKKY		100.00	024831	
3/07/18	88888						820612704 BONFIGLIO EDWAR EDWARD BONFIGLIO		61.93	024832	
3/07/18	88888						620664013 IH2 PROPERTIES IH2 PROPERTIES FLORIDA LP		100.00	024833	
3/07/18	88888						430473904 CLARK THERESA THERESA CLARK		41.93	024834	
3/07/18	88888						130764405 PEIN LISA/EDWAR LISA/EDWARD PEIN		124.67	024835	
3/07/18	88888						640179814 HERNANDEZ HUGO HUGO HERNANDEZ		61.93	024836	
3/07/18	88888						140704404 HERRON JACOB/LI JACOB/LINDSAY HERRON		140.43	024837	
3/07/18	88888						050366006 REGO MARY/NEVIL MARY/NEVILLE REGO		274.64	024838	

CSID -----CSID---- MARTHAR

CHECK DATE	VEND#	INVOICE DATE	NUMBER	EXPENSED TO... YRMO FND DPT ACCT# SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
3/07/18	88888		970651209	*PIERCE CLIFTON	*CLIFTON PIERCE/GINA HIRSCH			28.03	024839
3/07/18	88888		070652311	LEVY MOYSES	MOYSES/CAMILLE LEVY			166.53	024840
3/07/18	88888		780089704	DOTY JOSEPH	JOSEPH DOTY			61.93	024841
3/07/18	88888		390123106	GEORGE JULIAN	JULIAN GEORGE			4.85	024842
3/07/18	88888		090725703	RADOM RONALD	RONALD RADOM			3.07	024843
3/07/18	88888		790802103	*ESTEBAM BEKER	*BEKER ESTEBAN			17.58	024844
3/07/18	88888		190851404	*BARGMAN DANIEL	*DANIELLE BARGMAN			54.79	024845
				GAP INS-PTREE 02/08/2018 GAP INS-W/H 02/08/2018 GAP INS-PTREE 02/22/2018 GAP INS-W/H 02/22/2018 GAP INS-BOARD 02/28/2018				877.98	024846
3/12/18	00694			TECH SUPP 01/26-02/25/18	ASSOCIATED SYSTEMS, INC.			1,185.00	024847
3/12/18	01578			INTERNET CONNECTION 03/18	BLUE STREAM			169.80	024848
3/12/18	01329			IRA-03/06/18 PLAN 705880	VANTAGEPOINT TRANSFER AGENTS-705880			785.00	024849
3/12/18	01150			COPY PAPER/FOLDERS/CLIP B DRY ERASE MARKERS-FIELD CORK/MARKER BOARD-FIELD				382.67	024850
3/12/18	01419			REIMB TO \$7,000 02/28/18	POSTMASTER			2,534.94	024851
3/12/18	01416			UTIL STMTS 02/2018 ADD'L METERED POSTAGE	PRIDE ENTERPRISES			1,161.79	024852
3/12/18	01175			UNIFORMS-WATER UNIFORMS-WW UNIFORMS-MAINT UNIFORMS-FIELD 02/28/2018 UNIFORMS-GF 02/28/18				200.84	024853
3/12/18	01564			LEVY LOANS PER 03-08-2018	US DEPARTMENT OF EDUCATION			225.54	024854
3/12/18	01264			ADMIN PHONE 03/18 WASTE PHONE 03/18 FIELD PHONE 03/18	WINDSTREAM COMMUNICATIONS, LLC			205.54	024855
3/12/18	01264			ADMIN PHONE 03/18 FIELD PHONE 03/18	WINDSTREAM COMMUNICATIONS, LLC			157.25	024856
3/12/18	01011			COPIER READS #7835P 02/18 COPIER LEASE #7835PT02/18 COPIER READS #7835PT02/18					

CHECK DATE	VEND#	INVOICE DATE	NUMBER	EXPENSED TO YRMO	FND DPT ACCT#	SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
3/15/18	00822						COPIER READS #7535 02/18 COPIER LEASE #7232 02/18 COPIER READS #7232 02/18 XEROX CORPORATION		220.95	024857	
3/15/18	01373						AFLAC-W/H 03/2018 AFLAC-PTREE 03/2018 AFLAC		2,989.10	024858	
3/15/18	01374						ADMIN DENTAL 04/18 WATER DENTAL 04/18 WW DENTAL 04/18 MAINT DENTAL 04/18 FIELD DENTAL 04/18 MAINT DENTAL 04/18 FIELD DENTAL 04/18 AMERITAS LIFE INSURANCE CORP-DENTAL		4,955.84	024859	
3/15/18	01267						ADMIN DENTAL 04/18 WATER DENTAL 04/18 WW DENTAL 04/18 MAINT DENTAL 04/18 FIELD DENTAL 04/18 DENTAL..CSID-GF 04/18 DENTAL..PINETREE 04/18 AMERITAS LIFE INSURANCE CORP-VISION		963.55	024860	
3/15/18	00018						UNIT=045 REPAIRS UNIT=117 REPAIRS UNIT=106 BRAKES CYPRESS MOBIL		1,909.94	024861	
3/15/18	01233						WATER BREAK SUPPLIES WATER BREAK SUPPLIES WATER BREAK SUPPLIES FEI-POMPANO BEACH,FL WW # 125		320.13	024862	
3/15/18	00056						FIRE ALARM INSPECT-WP SERVICE CHARGE MECH RM-NEW PULL STATION CREDIT-SERVICE CHARGE FIRE & SECURITY SOLUTIONS, INC.		345.00	024863	
3/15/18	01007						CBOD & TSS 8020115 CBOD & TSS 8020116 SOUR #7 8020615 DISINFECTION TEST 8020616 FLORIDA SPECTRUM ENV. SERVICES, INC		186.00	024864	
3/15/18	01540						AD-TECHICIAN-WW FLORIDA WATER RESOURCES JOURNAL		540.00	024865	
3/15/18	01552						GIS SERVICES FLORIDA TECHNICAL CONSULTANTS		1,657.50	024866	
3/15/18	00023						WATER BREAK STOCK PARTS FORTILINE, INC.		250.75	024867	
3/15/18	00031						ADMIN ELECTRIC 02/17 PLT-WATER ELECTRIC 02/17 PLT-WASTE ELECTRIC 02/17 FIELD ELECTRIC 02/17 FLORIDA POWER & LIGHT CO.		60,304.54	024868	
							ALL LS-PUMP CABLES FREIGHT GRAYBAR ELECTRIC CO.		448.93	024869	

CSID -----CSID---- MARTHAR

CHECK DATE	VEND#	INVOICE DATE	EXPENSED TO NUMBER YRMO FND DPT ACCT# SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
3/15/18	00514		SLUDGE MGMT SEWER 02/18	H & H LIQUID SLUDGE DISPOSAL, INC.		10,701.99	024870	
3/15/18	01507		ABSORBANTS USED OIL 55G AEROSOL CAN 55 G DRUM SURCHARGE	HERITAGE-CRYSTAL CLEAN LLC		699.86	024871	
3/15/18	00033		8" PIPE PROJ-MATERIALS WIRE TERMINALS 8" PIPE PROJ-SUPPLIES SUPPLIES-ALL WELLS SUPPLIES SAFETY SWITCH-SURGE TANK PLANT F-CABINET SUPPLIES SPRINKLER SUPPLIES CREDIT TAXES	HOME DEPOT		729.84	024872	
3/15/18	01486		UNLEADED GAS	LANK OIL COMPANY		2,988.06	024873	
3/15/18	01302		LEGISLATION 02/2018	LEWIS, LONGMAN & WALKER, P.A.		3,522.13	024874	
3/15/18	01459		POST ACCIDENT - DRAINAGE	MEDEXPRESS URGENT CARE OF BOYNTON		37.50	024875	
3/15/18	00576		GREASE FREIGHT	MOTION INDUSTRIES, INC.		97.13	024876	
3/15/18	01150		BLUE PENS-OFFICE FILE JACKETS-DIANE LABELS-2 BOXES/CREDIT	OFFICE DEPOT		8.68	024877	
3/15/18	00045		UNIT=003 SUPPLIES	PEP BOYS		29.58	024878	
3/15/18	00551		DIGESTER 1-TP 1 REPAIRS	RICE PUMP & MOTOR INC		1,075.00	024879	
3/15/18	01575		WELL SIGNS-ALL	SIGN UP NOW SIGN COMPANY		340.00	024880	
3/15/18	01207		CSID FLAGS	SMART FLAGS & BANNERS		280.72	024881	
3/15/18	01587		REFUND-AFLAC	UNDERWOOD, BERT		73.92	024882	
3/15/18	01175		UNIFORMS-WATER UNIFORMS-WW UNIFORMS-MAINT UNIFORMS-FIELD UNIFORMS-GF 03/07/18	UNIFIRST CORPORATION		200.84	024883	
3/15/18	01560		MANAGED BACKUP 02/2018	VXIT SERVICES, LLC		75.00	024884	
3/15/18	01465		PULL BOX-VALVE MONUMENT	WORLD ELECTRIC SUPPLY, INC.		35.00	024885	
3/20/18	00005		COT-SOD HYPO 58% COT-SOD HYPO 42%	ALLIED UNIVERSAL CORP.		2,897.94	024886	
3/20/18	00169		WELL MAINTENANCE- 4-11	AQUIFER MAINT & PERFORMANCE SYSTEMS		4,638.25	024887	

CSID -----CSID---- MARTHAR

CHECK DATE	VEND#	INVOICE DATE	EXPENSED TO... NUMBER YRMO FND DPT ACCT# SUB	VENDOR NAME	STATUS	AMOUNT	CHECK... AMOUNT #
3/20/18	01417			SPARE WELL PUMPS/MOTORS ATLANTIC ENVIRONMENTAL SYSTEMS, INC		12,495.00	024888
3/20/18	00571			BLOWER 8-REPAIRS BLOWER 11-PARTS BARNEY'S PUMP, INC.		15,220.00	024889
3/20/18	01428			NEW GENERATOR-LS TOOLS-LS MAINT SHIPPING BLUE TARP FINANCIAL, INC. (NORTHERN		2,745.18	024890
3/20/18	00561			FIRE INSP FEE-DRAINAGE FIRE INSP FEE-ADMIN FIRE INSP FEE-WATER FIRE INSP FEE-WW FIRE INSP FEE-MAINT FIRE INSP FEE-FIELD CITY OF CORAL SPRINGS (FIRE)		316.00	024891
3/20/18	01267			UNIT=014 REPAIRS CYPRESS MOBIL		2,443.00	024892
3/20/18	01327			RENTAL-CENTRAL 3/2018 RENTAL-LS 3/2018 DATA FLOW SYSTEMS, INC		4,670.00	024893
3/20/18	01452			CHEMICAL RM 2-LOAD CELLS SAND STRAINERS-GAUGE CVER WELL 3-TRANSDUCER CHEMICAL RM-TROUBLESHOOT DELTA CONTROLS		1,930.00	024894
3/20/18	99999			VOID CHECK *****INVALID VENDOR NUMBER*****		.00	024895
3/20/18	00056			SOUR #5 8020652 MONITORING WELLS 8020702 CBOD & TSS 8020703 CBOD & TSS 8020704 CBOD & TSS 8020705 CBOD & TSS 8020706 MONTHLY BACTIS 8020781 CBOD & TSS 8020829 CBOD & TSS 8020830 SLUDGE COMP/GRAB 8020845 EFFLUENT TEST 8020880 EFFLUENT TEST 8030004 EFFLUENT TEST 8030006 EFFLUENT TEST 8030007 EFFLEUNT TEST 8030010 EFFLUENT TEST 8030011 EFFLUENT TEST 8030012 FLORIDA SPECTRUM ENV. SERVICES, INC		2,297.00	024896
3/20/18	00063			TERMINAL BLOCKS TERMINAL BLOCK-GEN RO GRAINGER, INC.		40.80	024897
3/20/18	01535			AMMONIUM SULFATE SULFURIC ACID HAWKINS, INC.		4,800.38	024898
3/20/18	00033			PUSH BUTTON-SCFM CABINET			

CSID -----CSID---- MARTHAR

CHECK DATE	VEND#	INVOICE DATE	NUMBER	EXPENSED TO... YRMO FND DPT ACCT# SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
3/20/18	01093			LIGHTS-WWTP PAINT SUPPLIES-DW BLDG NEW GENERATOR SUPPLIES	HOME DEPOT		136.32	024899	
3/20/18	01506			MONTHLY MAINT-MARCH	JLS LANDSCAPE SERVICES, INC.		3,901.41	024900	
3/20/18	01345			REBUILD CRANE MOTOR-LS	KAMAN INDUSTRIAL TECHNOLOGIES CORP.		250.00	024901	
3/20/18	01302			PVC PARTS	LEHMAN PIPE & SUPPLY, INC.		256.87	024902	
3/20/18	01538			LEGAL SERVICES 02/2018	LEWIS, LONGMAN & WALKER, P.A.		5,997.50	024903	
3/20/18	01231			LIME SCALE REMOVAL	MOODY PLUMBING, INC.		525.00	024904	
3/20/18	01150			ADMIN LIFE INS 04/18 WATER LIFE INS 04/18 WW LIFE INS 04/18 MAINT LIFE INS 04/18 FIELD LIFE INS 04/18 LIFE INS W/H..WS 04/18 LIFE INS W/H..GF 04/18 LIFE INS.CSID-GF.ER 04/18 LIFE INS.PINETREE-ER04/18 LIFE INS.PINETREE-EE04/18	MUTUAL OF OMAHA		5,663.84	024905	
3/20/18	01406			TONER-3 PK-SUNSHINE TONER-3 PK-SUNSHINE TONER-3 PK-CREDIT-SS USB - PEDRO FILE FOLDERS-DIANE CHAIRMAT/BZ HOLDER-PEDRO HDMI CABLE-PEDRO	OFFICE DEPOT		415.96	024906	
3/20/18	01410			DFS SHIPPING	PAKMAIL		23.69	024907	
3/20/18	00351			2" METER REPLACEMENT QTY 1.5" METER REPLACEMENT QT FREIGHT	RG3 METER COMPANY		5,203.31	024908	
3/20/18	01550			SAFETY GLOVES SAFETY SUPPLIES	RITZ SAFETY EQUIPMENT, LLC		99.20	024909	
3/20/18	00151			PH PROBE FREIGHT	ROSEMOUNT INC.		347.70	024910	
3/20/18	00053			METER REPAIR SHIPPING	SENSUS USA, INC.		1,130.28	024911	
				PAINT-PROCESS ROOM FLOOR PAINT-DISCOUNT 15% PAINT TAPE PAINT-PROCESS ROOM FLOOR PAINT-15% DISCOUNT PAINT-PROCESS ROOM FLOOR	SHERWIN-WILLIAMS		109.79	024912	

CSID -----CSID----- MARTHAR



CHECK DATE	VEND#	INVOICE DATE	EXPENSED TO NUMBER YRMO FND DPT ACCT# SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
3/20/18	01494			WC-INS-WS ADM 04/2018 WC-INS-WS WTR 04/2018 WC-INS-WS WW 04/2018 WC-INS-WS MAINT 04/2018 WC-INS-WS FIELD 04/2018 WC INS-GF ADM 04/2018 WC INS-GF FIELD 04/2018	SUMMIT		11,290.32	024913
3/20/18	00782			LOCATE- 2/2018 TICKETS	SUNSHINE STATE ONE CALL OF FLA.		175.59	024914
3/20/18	01175			UNIFORMS-WATER UNIFORMS-WW UNIFORMS-MAINT UNIFORMS-FIELD UNIFORMS-GF 03/14/18	UNIFIRST CORPORATION		200.84	024915
3/20/18	01498			AIR COMPRESSOR-RENTAL	USA EQUIPMENT SOLUTIONS		665.00	024916
3/20/18	01450			CARTRIDGE FILTERS-QTY 120	WACO FILTERS CORPORATION		1,131.60	024917
3/20/18	01264			ADMIN PHONE 03/18	WINDSTREAM COMMUNICATIONS, LLC		572.27	024918
3/20/18	01264			FRONT GATE PHONE 03/2018	WINDSTREAM COMMUNICATIONS, LLC		67.71	024919
3/21/18	00609			COPIES PUBLIX-CITY UB	CITY OF CORAL SPRINGS		33.60	024920
3/21/18	01329			IRA-03/20/18 PLAN 705880	VANTAGEPOINT TRANSFER AGENTS-705880		785.00	024921
3/21/18	01564			LEVY LOANS PER-03-20-2018	US DEPARTMENT OF EDUCATION		225.54	024922
3/27/18	88888			190852109 BILLING REFUND	GIL KOREN		628.72	024923
3/27/18	88888			510758402 BILLING REFUND	RAFAEL FIGUEROA		463.33	024924
3/28/18	01118			ANDRITZ PRESS-BELT FREIGHT ANDRITZ PRESS #8480079895 FREIGHT BELTS-CREDIT FREIGHT-CREDIT	ANDRITZ SEPARATION, INC.		189.36	024925
3/28/18	00169			WELL MAINTENANCE 4-11	AQUIFER MAINT & PERFORMANCE SYSTEMS		4,732.75	024926
3/28/18	01502			BOTH GATES-DC2000 BATTERY CONSTRUCT GATE-SVC CALL	AT & I SYSTEMS		875.00	024927
3/28/18	01089			PLANT PHONE WATER 03/2018	AT & T		69.03	024928
3/28/18	00789			CLEAN/REPAIR SCANNER-ADM	BROWARD BUSINESS EQUIPMENT		95.00	024929
3/28/18	01256			SOD	CORAL SPRINGS NURSERY, INC.		451.50	024930
3/28/18	01086			FIRE EX INSPECT-ADMIN 5				

CSID -----CSID---- MARTHAR

CHECK DATE	VEND#	INVOICE DATE	EXPENSED TO... NUMBER	YRMO	FND	DPT	ACCT#	SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
3/28/18	00020		FIRE EX INSPECT-WATER 16 FIRE EX INSPECT-WW 16 FIRE EX INSPECT-MAINT 4 FIRE EX INSPECT-FIELD 9 FIRE EX INSPECT-GF 4						FIREMASTER DEPT 1019		452.00	024931	
3/28/18	01423		KIM WIPES-TESTING						FISHER SCIENTIFIC COMPANY LLC.		314.82	024932	
3/28/18	00056		ADMIN HLTH INS 04/18 WATER HLTH INS 04/18 WW HLTH INS 04/18 MAINT HLTH INS 04/18 FIELD HLTH INS 04/18 ADMIN HLTH INS-GF 04/18 FIELD HTH INS-GF 04/18 DUE FRM SHANK 04/18 DUE FROM PTREE 04/18						FLORIDA BLUE		57,795.53	024933	
3/28/18	01360		EFFLUENT TEST 8030040 EFFLUENT TEST 8030048 EFFLUENT TEST 8030136 CBOD & TSS 8030137 EFFLUENT TEST 8030138 CBOD & TSS 8030139 CBOD & TSS 8030140 MONTHLY BACTIS 8030141 CBOD & TSS 8030142 CBOD & TSS 8030143 CBOD & TSS 8030264 CBOD & TSS 8030265						FLORIDA SPECTRUM ENV. SERVICES, INC		1,144.00	024934	
3/28/18	01360		WA 118 MARGATE-CSID						GLOBALTECH, INC.		8,893.08	024935	
3/28/18	01360		WA 118 MARGATE-CITY						GLOBALTECH, INC.		8,893.07	024936	
3/28/18	01360		WA 129 WPT FLUORIDE-CSID						GLOBALTECH, INC.		4,536.00	024937	
3/28/18	01360		WA 129 WTP FLUORIDE-GRANT						GLOBALTECH, INC.		5,400.00	024938	
3/28/18	01360		WA 131 DIESEL HSP 7 BYPAS						GLOBALTECH, INC.		612.78	024939	
3/28/18	01360		WA 128 NAOI TANKS 1&3						GLOBALTECH, INC.		1,847.26	024940	
3/28/18	01360		WA 130 WW PLANT D ASSESS						GLOBALTECH, INC.		23,459.46	024941	
3/28/18	01360		WA 134 WELL 9 DEVELOPMENT						GLOBALTECH, INC.		2,250.00	024942	
3/28/18	01360		WA 133 ARC FLASH STUDY						GLOBALTECH, INC.		902.50	024943	
3/28/18	01360		WA 132 CSID WELL 6 VFD						GLOBALTECH, INC.		665.19	024944	
3/28/18	01360		WA 124 EFFLUENT PUMP STAT						GLOBALTECH, INC.		3,894.25	024945	
3/28/18	00063		LS 11-CAPACITOR						GRAINGER, INC.		340.44	024946	

CSID -----CSID---- MARTHAR

CHECK DATE	VEND#	INVOICE DATE	NUMBER	EXPENSED TO... YRMO FND DPT ACCT# SUB	VENDOR NAME	STATUS	AMOUNT	CHECK... AMOUNT #
3/28/18	00377				AIR FILTER-SAW AIR FILTER-SAW AIR FILTER-RETURN	GREEN THUMB LAWN & GARDEN LLC		24.84 024947
3/28/18	01535				MEMBRANE CLEANING ANTISCALANT SODIUM HYDROXIDE	HAWKINS, INC.		8,770.49 024948
3/28/18	00033				ELECTRICAL TOOLS RETURNED ITEMS CREDIT TAX CREDIT TAX RECALL AMOUNT TOOLS WOOD STUDS-WP PAINT	HOME DEPOT		337.68 024949
3/28/18	01556				PARTS-HEADWORKS	HUBER TECHNOLOGY INC.		520.00 024950
3/28/18	00346				HYDRAULIC FLUID	INDUSTRIAL HOSE & HYDRAULICS, INC.		57.00 024951
3/28/18	01093				MAINTAIN CANAL BANK	JLS LANDSCAPE SERVICES, INC.		700.00 024952
3/28/18	01538				ANNUAL BACKFLOW RECERT	MOODY PLUMBING, INC.		2,255.00 024953
3/28/18	01150				32G USB-PEDRO HIGHLIGHTERS-1 PKG ROBIN PENS/DRY ERASE MARKERS TAPE-LABEL MAKER-2 PKGS	OFFICE DEPOT		119.04 024954
3/28/18	00683				SVC AGREEMENT GEN- QTY 2 SVC AGREEMENT GEN-QTY 3 SVC AGREEMENT GEN-QTY 8	OK GENERATORS		1,835.00 024955
3/28/18	01434				BUSINESS CARDS-PEDRO	MICHAEL PEAKE		78.00 024956
3/28/18	00351				SAFETY GLASSES SAFETY GLOVES SAFETY SUPPLIES SAFETY GLOVES SAFETY BOOTS	RITZ SAFETY EQUIPMENT, LLC		1,153.36 024957
3/28/18	01571				PEST CONTROL-ADMIN 03/18 PEST CONTROL-MAINT 03/18	SAMCO PEST SOLUTIONS		250.00 024958
3/28/18	00155				ADMIN NEXTEL 03/18 PLANT-WATER NEXTEL 03/18 PLANT-WASTE NEXTEL 03/18 PLANT-MAINT NEXTEL 03/18 FIELD NEXTEL 03/18 NEXTEL 03/18 DUE SUNSHINE NEXTEL 03/18 DUE CSID GF	SPRINT		1,414.80 024959
3/28/18	00441				SAFETY SUPPLIES			

CHECK DATE	VEND#	INVOICE DATE	NUMBER	EXPENSED TO YRMO FND DPT ACCT# SUB	VENDOR NAME	STATUS	AMOUNT	CHECK AMOUNT	CHECK #
3/28/18	01318			FREIGHT	USA BLUEBOOK			91.31	024960
				REPAIR KITS-LS	XYLEM WATER SOLUTIONS U.S.A., INC.			3,279.00	024961
					TOTAL FOR BANK H			937,535.85	
					TOTAL FOR REGISTER			937,535.85	

## **Fifth Order of Business**

# APPLICATION FOR PERMIT

TO: **BOARD OF SUPERVISORS**  
CORAL SPRINGS IMPROVEMENT DISTRICT  
**10300 N.W. 11th Manor**  
**Coral Springs, FL 33071**

PERMIT TYPE:  
(Check one or both)  
 **RIGHT-OF-WAY**  
 **SURFACE WATER MANAGEMENT**

1. PROPOSED USE OF DISTRICT FACILITY: INSTALLATION OF 6" PVC BRIDGE ATTACHMENT / TRENCH

2. LOCATION OF WORK: CANAL L-106 AT THE EAST SIDE OF N UNIVERSITY DR & CANAL C-1 AT CANAL C-1 AT THE SOUTH OF RAMBLEWOOD DR.

Subdivision	Lot No.	Block No.
Section: <u>28</u>	Township: <u>48</u>	Range: <u>41</u>

3. DISTRICT WORKS INVOLVED IN PROPOSED CONSTRUCTION OR USE: \_\_\_\_\_

4. NAME, ADDRESS, PHONE AND FAX OF OWNER OF PROPOSED WORK OR STRUCTURE:  
HOTWIRE COMMUNICATIONS, 2100 W CYPRESS CREEK RD, FORT LAUDERDALE, FL, 33309  
(954) 447-8405 (Leonard Maxwell-Newbold)

5. NAME, ADDRESS, PHONE AND FAX OF APPLICANT OTHER THAN OWNER (If any):  
RAYSA GOMEZ, 2498 EAGLE RUN DR, WESTON FL 33326, (786)-564-9490

6. AREA PROPOSED TO BE SERVED: (Give property description sufficient for identification, including size in acres, and **attaching survey or property sketch**).  
BRIDGE OF CANAL L-106 AT THE EAST SIDE OF N UNIVERSITY DR

7. This application, including sketches, drawings or plans and specifications attached, contains a full and complete description of the work proposed or use desired of the above described facilities of the District and for which permit is herewith applied. It shall be part of any permit that may be issued. It is agreed that all work or the use of the District's facilities involved will be in accordance with the permit to be granted and with the Permit Criteria Manual heretofore adopted by the District, which have been examined and are understood by the applicant and as the same may be hereafter from time to time amended, changed or revised and which (it is further understood) shall be incorporated in reference as a part of any permit which may be granted.

**STANDARD CONDITIONS ARE AS FOLLOWS:**

5. In the event the DISTRICT wishes to obtain the ingress or egress to its property, easement or right of way affected by the permit issued pursuant to this application for any lawful District purpose, including but not limited to maintenance of any lake, canal or related water management infrastructure, the removal, demolition and reconstruction, if any, of the proposed work or structure permitted hereunder shall be at the sole expense of the owner or the owner's successors or assigns.
6. PERMITTEE, by acceptance of the permit, covenants and agrees that the DISTRICT, District Managers, district consultants and its successors shall be promptly indemnified, defended, protected, exonerated, and saved harmless by the Permittee from and against all expenses, liabilities, claims, demands, and proceedings incurred by or imposed on said District in connection with any claim, proceeding, demand, administrative hearing, suit, appellate proceeding, or other activity; including unfounded or "nuisance" claims, in which the District may become involved, or any settlement thereof, arising out of any operations under this permit, including use of canal water for irrigation purposes, damage to landscaping, paint damage to automobiles, buildings, or other structures, and any property damage or personal injuries, fatal or non-fatal, of any kind or character.
7. PERMITTEE agrees that during the course of construction, prior to obtaining a Certificate of Occupancy on any structure constructed thereon, no builder debris will be placed into the waterways of the District.

For this purpose PERMITTEE has submitted a check in the amount of Two-Thousand Five Hundred Dollars (\$2,500.00) which PERMITTEE agrees to forfeit if debris is found to have been placed into the District's waterways; said determination to be at the sole discretion of the District and is acknowledged by PERMITTEE to represent both actual and punitive damages for violating the provisions of this permit and, further, the provisions of Chapter 298, Florida Statutes.

If construction of the facilities called for in this permit have not been completed, an additional Two Thousand Five Hundred Dollars (\$2,500.00) will be submitted by PERMITTEE to cover future occurrences of discharging builder debris into the District's waterways.

8. The applicant shall submit, in accordance with the policies of the District's "Stormwater Inspection Reports" every five years from the date of permit issuance, and shall comply with all re-inspection procedures required under the District's policies.

**SPECIAL CONDITIONS WILL BE ADDED WHEN APPLICABLE:**

Submitted this 07 day of November, 2017

Company and/or Owner: Hotwire Communications LLC

By: 

Name: PHIL Gallus

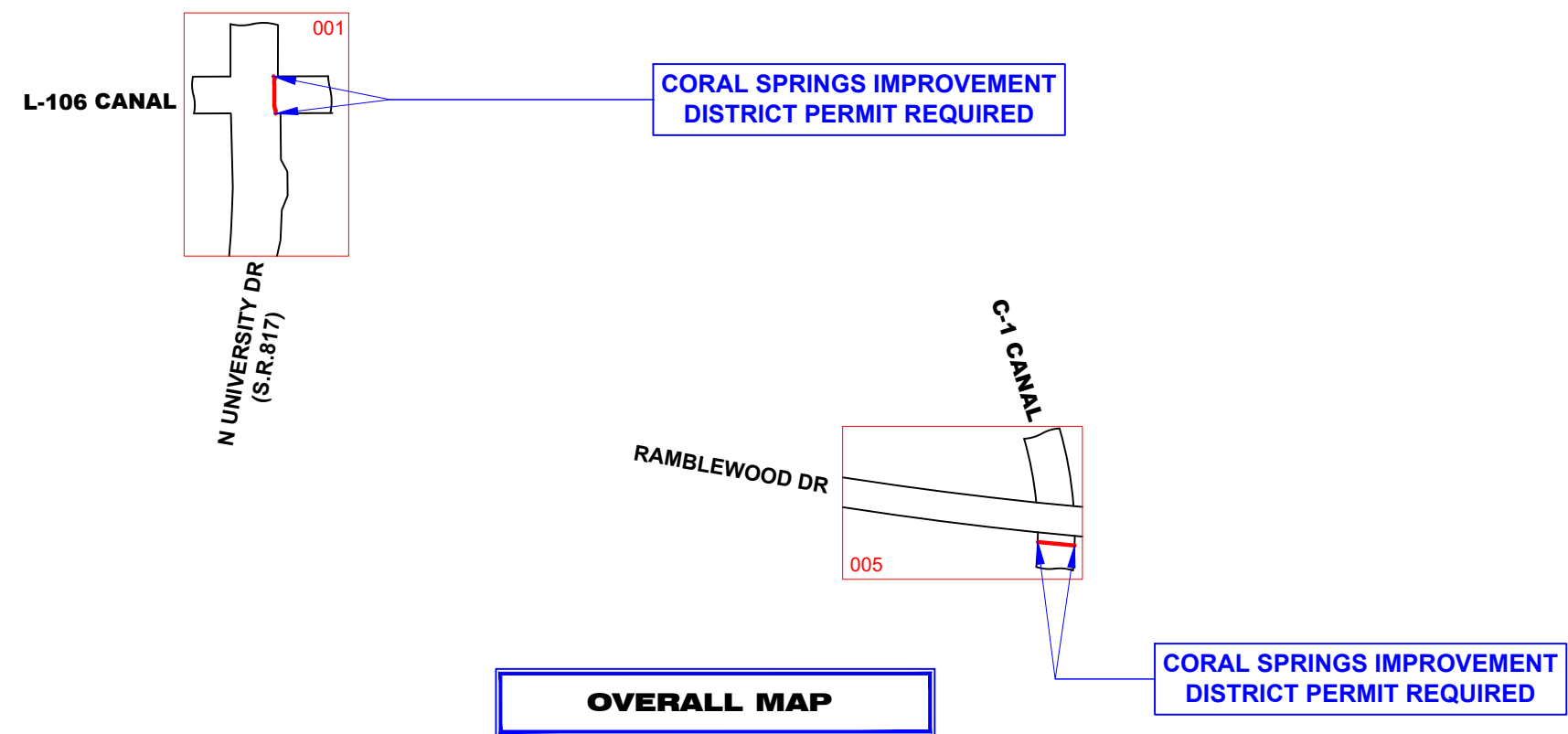
Title: Director / Const.

BOARD OF SUPERVISORS  
Reviewed and approved by Board meeting held

**FIBER FEED TO**  
**"TM-10 HUB"**  
**1331 UNIVERSITY DR**  
**CORAL SPRINGS, FL 33071**

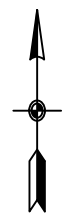


**LOCATION MAP**



**OVERALL MAP**

DIRECTION OF ENGINEERING.



**INDEX OF SHEETS**

SHEET N°	DESCRIPTION
COVER	
001 OF 007 TO 007 OF 007	PLANS
01A OF 007 TO 07A OF 007	PROFILES
001 OF 002 TO 002 OF 002	DETAILS
310(1), 310(2), 612, 660	MOT

**FOOTAGE (THIS SHEET)**

DESCRIPTION	FOOTAGE
TRENCH	100'
TRENCH OPEN CUT	-
DIRECTIONAL BORE	80'
BRIDGE ATTACHMENT	-
NEW AERIAL	-
OVERLASH AERIAL	-
PULL THROUGH EXISTING DUCT	-
TOTAL NEW HANDHOLES	7

**CONSTRUCTION DWG**



2100 W CYPRESS CREEK RD  
 FORT LAUDERDALE  
 FLORIDA 33309

**FIBER OPTIC CABLE INSTALLATION**

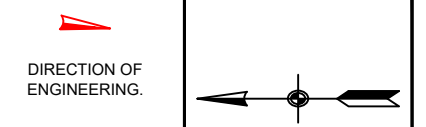
REVISIONS		
DATE	DESCRIPTION	INITIAL
08-31-17	ORIGINAL SUBMITTAL	DPI
10-18-17	CHANGES AS PER FDOT COMMENTS	DPI
03-14-18	CHANGES AS PER CITY COMMENTS	DPI



PROJECT NAME: TM-10 HUB		
PROJECT ADDRESS: 1331 UNIVERSITY DR		
OSP-ENG: PHIL GALLUB	OSP PH #: (305) 219-0286	APPV BY:
PROJECT CODE: ----		DRAWN BY: DraftPros Inc.
FILE NAME: TM-10 HUB- 1331 UNIVERSITY DR - DESIGN - CSID		
SCALE: N.T.S.	PAGE: COVER 001	OF: 001



SEE SHEET: 002 OF 007



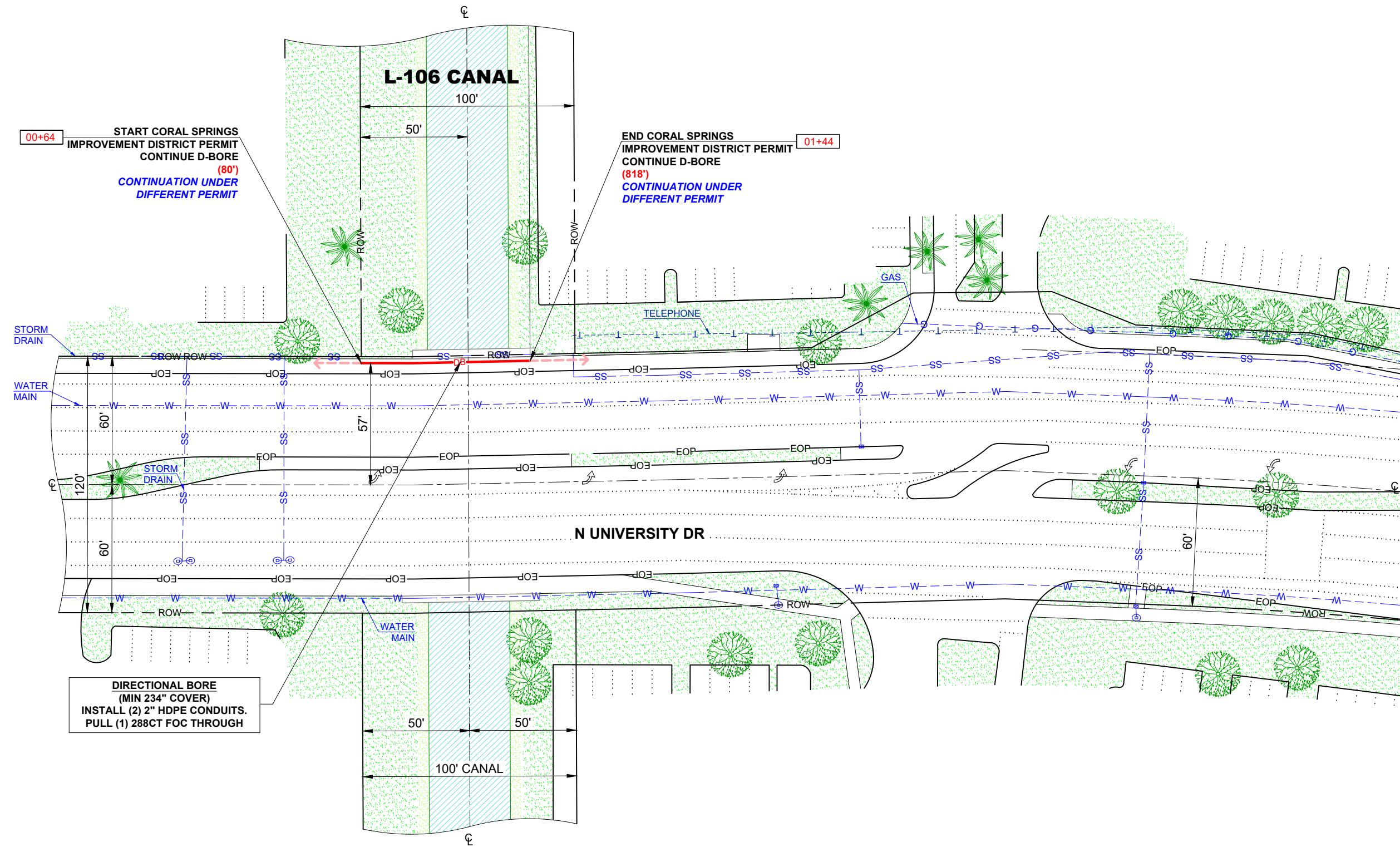
**CONSTRUCTION NOTES:**

- ALL DAMAGED SURFACES ARE TO BE RESTORED TO PREVIOUS CONDITION OR BETTER.
- ALL MEASUREMENTS AND DISTANCES ARE TO BE VERIFIED ON FIELD.
- MINIMUM 12" SEPARATION IS TO BE MAINTAINED BETWEEN EXISTING UTILITY AND NEW HOTWIRE CONDUITS.
- MINIMUM 5' RADIUS IS TO BE MAINTAINED ON ALL CONDUIT BENDING.

FOOTAGE (THIS SHEET)	
DESCRIPTION	FOOTAGE
TRENCH	-
TRENCH OPEN CUT	-
DIRECTIONAL BORE	80'
BRIDGE ATTACHMENT	-
NEW AERIAL	-
OVERLASH AERIAL	-
PULL THROUGH EXISTING DUCT	-
TOTAL NEW HANDHOLES	-

**CONSTRUCTION DWG**

MATCH LINE STATION: 05+57



00+64 START CORAL SPRINGS IMPROVEMENT DISTRICT PERMIT CONTINUE D-BORE (80') CONTINUATION UNDER DIFFERENT PERMIT

01+44 END CORAL SPRINGS IMPROVEMENT DISTRICT PERMIT CONTINUE D-BORE (818') CONTINUATION UNDER DIFFERENT PERMIT

DIRECTIONAL BORE (MIN 234" COVER) INSTALL (2) 2" HDPE CONDUITS. PULL (1) 288CT FOC THROUGH



2100 W CYPRESS CREEK RD  
FORT LAUDERDALE  
FLORIDA 33309

**FIBER OPTIC CABLE INSTALLATION**

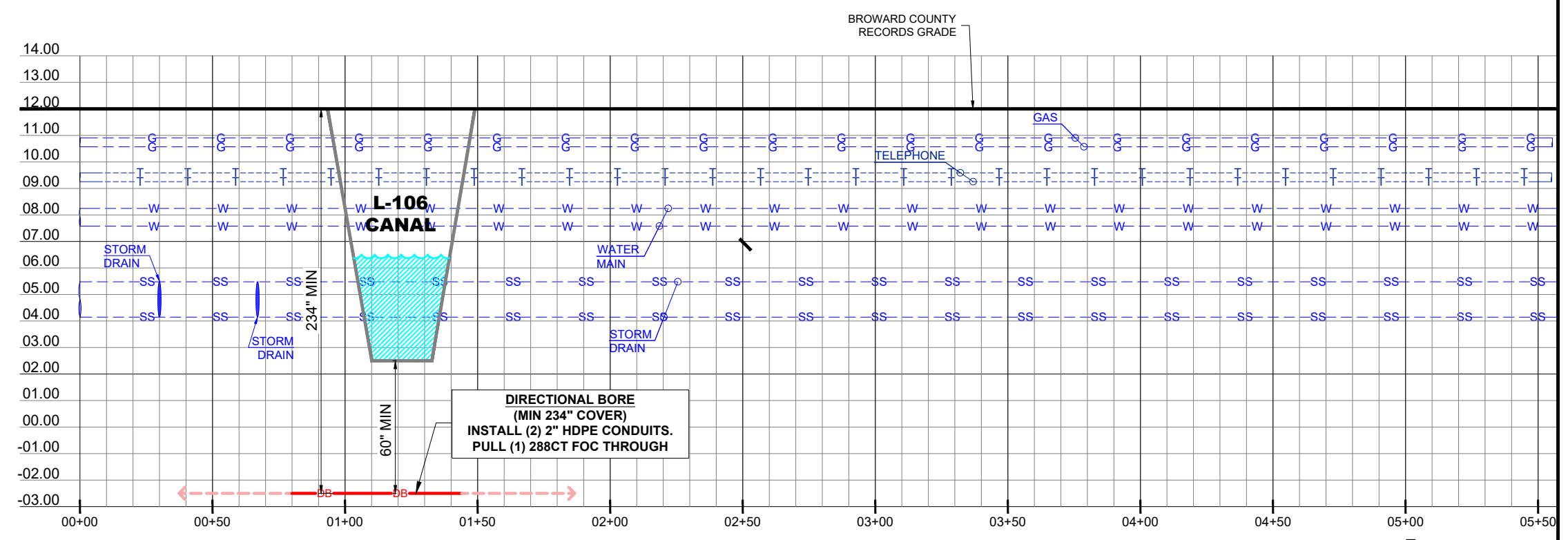
REVISIONS		
DATE	DESCRIPTION	INITIAL
08-31-17	ORIGINAL SUBMITTAL	DPI
10-18-17	CHANGES AS PER FDOT COMMENTS	DPI
03-14-18	CHANGES AS PER CITY COMMENTS	DPI



PROJECT NAME: TM-10 HUB		
PROJECT ADDRESS: 1331 UNIVERSITY DR		
OSP-ENG: PHIL GALLUB	OSP PH #: (305) 219-0286	APPV BY:
PROJECT CODE: ---	DRAWN BY: DraftPros Inc.	
FILE NAME: TM-10 HUB- 1331 UNIVERSITY DR - DESIGN - CSID		
SCALE: 1" = 50'	PAGE: 001	OF: 007



"UNKNOWN ELEVATION"  
NO ELEVATION RECORDS AVAILABLE,  
CONTRACTOR SHALL VERIFY DEPTH  
BEFORE BORING



SEE SHEET: 02A OF 007

MATCH LINE STATION: 05+57

**CONSTRUCTION DWG**

START CORAL SPRINGS  
IMPROVEMENT DISTRICT  
PERMIT  
CONTINUE D-BORE  
(80')  
CONTINUATION UNDER  
DIFFERENT PERMIT

00+80

END CORAL SPRINGS  
IMPROVEMENT DISTRICT  
PERMIT  
CONTINUE D-BORE  
(818')  
CONTINUATION UNDER  
DIFFERENT PERMIT

01+44

INSTALL NEW HOTWIRE HH

05+02

DIRECTIONAL BORE  
(MIN 234" COVER)  
INSTALL (2) 2" HDPE CONDUITS.  
PULL (1) 288CT FOC THROUGH

**PROFILE - N UNIVERSITY DR**

HORIZONTAL SCALE 1"=50'  
VERTICAL SCALE 1"=5'



2100 W CYPRESS CREEK RD  
FORT LAUDERDALE  
FLORIDA 33309

**FIBER OPTIC CABLE INSTALLATION**

REVISIONS		
DATE	DESCRIPTION	INITIAL
08-31-17	ORIGINAL SUBMITTAL	DPI
10-18-17	CHANGES AS PER FDOT COMMENTS	DPI
03-14-18	CHANGES AS PER CITY COMMENTS	DPI

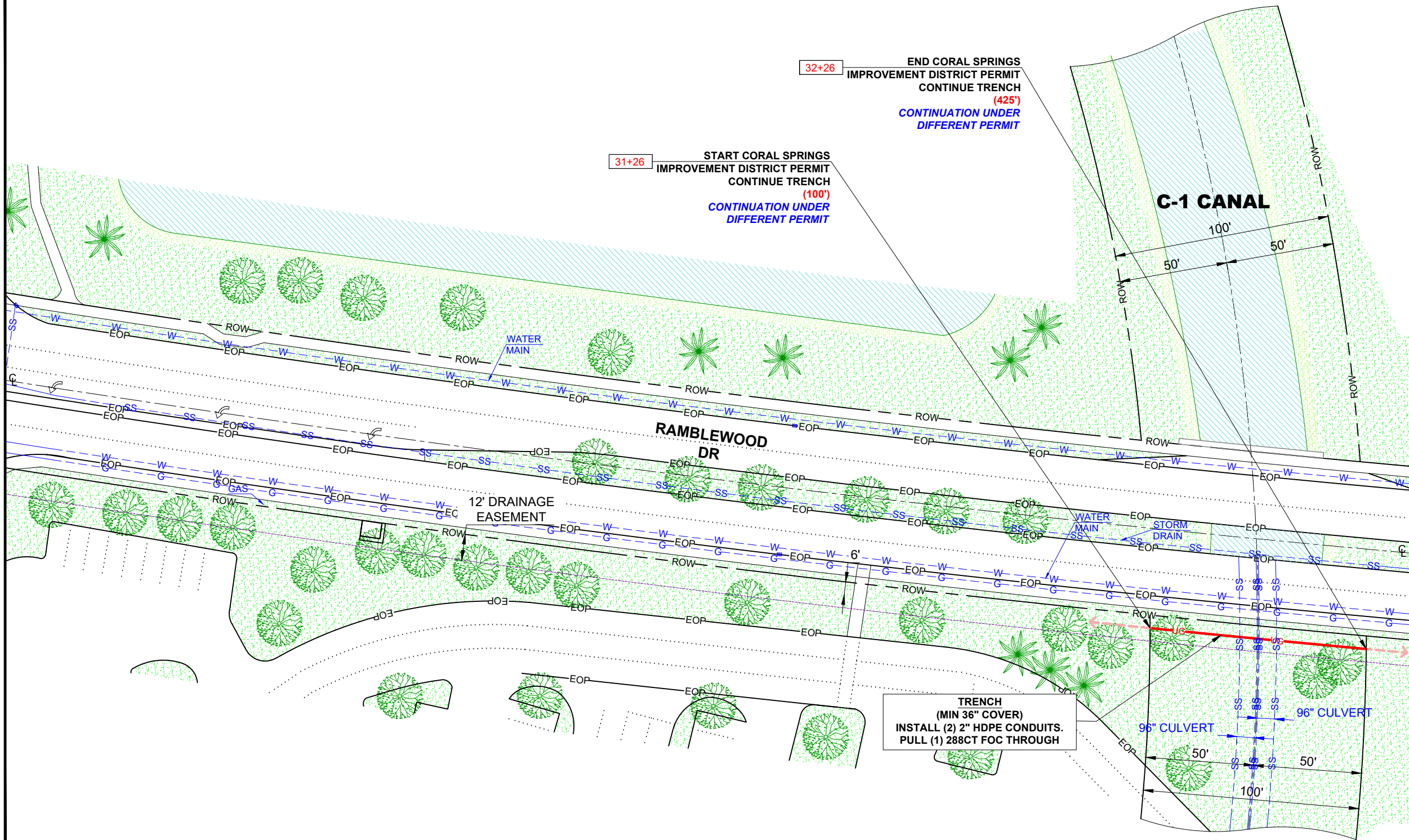


PROJECT NAME: TM-10 HUB		
PROJECT ADDRESS: 1331 UNIVERSITY DR		
OSP-ENG: PHIL GALLUB	OSP PH #: (305) 219-0286	APPV BY:
PROJECT CODE: ----	DRAWN BY: DraftPros Inc.	
FILE NAME: TM-10 HUB- 1331 UNIVERSITY DR - DESIGN - CSID		
SCALE: 1" = 50'	PAGE: 01A	OF: 007



SEE SHEET: 004 OF 007

MATCH LINE STATION: 25+84



SEE SHEET: 006 OF 007

MATCH LINE STATION: 32+46



INFORMATION ON THIS DOCUMENT IS PROPRIETARY AND SHALL NOT BE USED, COPIED, REPRODUCED OR DISCLOSED IN WHOLE OR IN PART WITHOUT WRITTEN CONSENT OF HOTWIRE

**CONSTRUCTION NOTES:**

- ALL DAMAGED SURFACES ARE TO BE RESTORED TO PREVIOUS CONDITION OR BETTER.
- ALL MEASUREMENTS AND DISTANCES ARE TO BE VERIFIED ON FIELD.
- MINIMUM 12" SEPARATION IS TO BE MAINTAINED BETWEEN EXISTING UTILITY AND NEW HOTWIRE CONDUITS.
- MINIMUM 5' RADIUS IS TO BE MAINTAINED ON ALL CONDUIT BENDING.

**FOOTAGE (THIS SHEET)**

DESCRIPTION	FOOTAGE
TRENCH	662'
TRENCH OPEN CUT	-
DIRECTIONAL BORE	-
BRIDGE ATTACHMENT	-
NEW AERIAL	-
OVERLASH AERIAL	-
PULL THROUGH EXISTING DUCT	-
TOTAL NEW HANDHOLES	-

**CONSTRUCTION DWG**



2100 W CYPRESS CREEK RD  
FORT LAUDERDALE  
FLORIDA 33309

**FIBER OPTIC CABLE INSTALLATION**

REVISIONS		
DATE	DESCRIPTION	INITIAL
08-31-17	ORIGINAL SUBMITTAL	DPI
03-14-18	CHANGES AS PER CITY COMMENTS	DPI

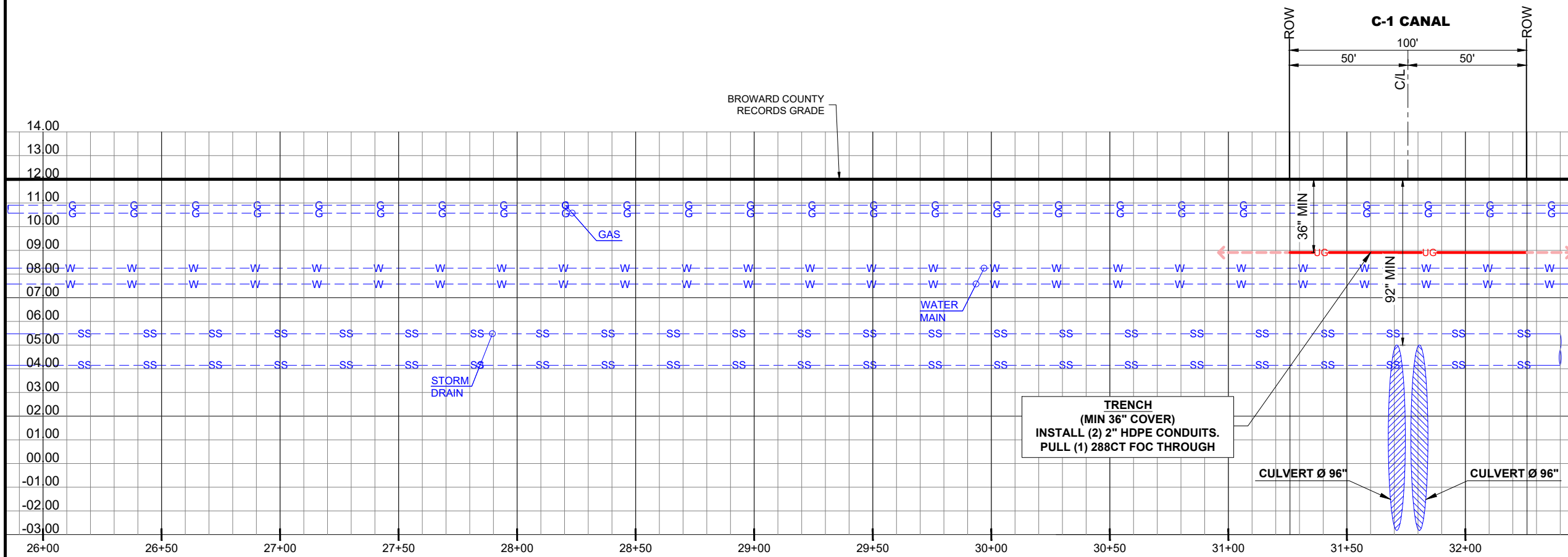


PROJECT NAME: TM-10 HUB		
PROJECT ADDRESS: 1331 UNIVERSITY DR		
OSP-ENG: PHIL GALLUB	OSP PH #: (305) 219-0286	APPV BY:
PROJECT CODE: ----		DRAWN BY: DraftPros Inc.
FILE NAME: TM-10 HUB- 1331 UNIVERSITY DR - DESIGN - CSID		
SCALE: 1" = 50'	PAGE: 005	OF: 007

SEE SHEET: 04A OF 007

MATCH LINE STATION: 25+84

"UNKNOWN ELEVATION"  
NO ELEVATION RECORDS AVAILABLE,  
CONTRACTOR SHALL VERIFY DEPTH  
BEFORE BORING



TRENCH  
(MIN 36" COVER)  
INSTALL (2) 2" HDPE CONDUITS.  
PULL (1) 288CT FOC THROUGH

START CORAL SPRINGS  
IMPROVEMENT DISTRICT  
PERMIT  
CONTINUE TRENCH  
(100)  
CONTINUATION UNDER  
DIFFERENT PERMIT

31+26

END CORAL SPRINGS  
IMPROVEMENT DISTRICT  
PERMIT  
CONTINUE TRENCH  
(425)  
CONTINUATION UNDER  
DIFFERENT PERMIT

32+26

SEE SHEET: 06A OF 007

MATCH LINE STATION: 32+46

CONSTRUCTION DWG

### PROFILE - RAMBLEWOOD DR

HORIZONTAL SCALE 1"=50'  
VERTICAL SCALE 1"=5'



2100 W CYPRESS CREEK RD  
FORT LAUDERDALE  
FLORIDA 33309

## FIBER OPTIC CABLE INSTALLATION

#### REVISIONS

DATE	DESCRIPTION	INITIAL
08-31-17	ORIGINAL SUBMITTAL	DPI
03-14-18	CHANGES AS PER CITY COMMENTS	DPI



Know what's below.  
Call before you dig.

PROJECT NAME: TM-10 HUB		
PROJECT ADDRESS: 1331 UNIVERSITY DR		
OSP-ENG: PHIL GALLUB	OSP PH #: (305) 219-0286	APPV BY:
PROJECT CODE: ---	DRAWN BY: DraftPros Inc.	
FILE NAME: TM-10 HUB- 1331 UNIVERSITY DR - DESIGN - CSID		
SCALE: 1" = 50'	PAGE: 05A	OF: 007

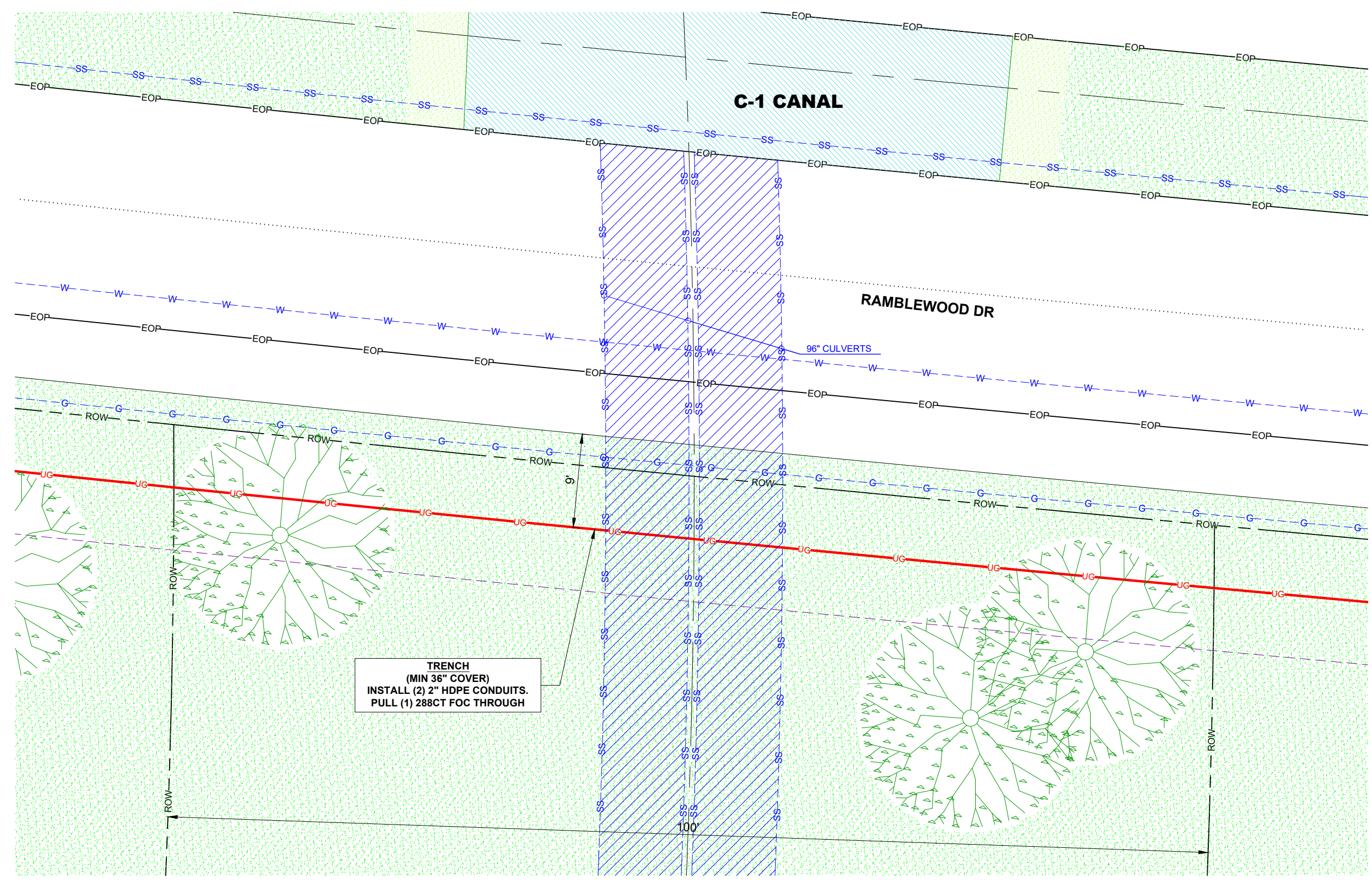




DIRECTION OF ENGINEERING.



INFORMATION ON THIS DOCUMENT IS PROPRIETARY AND SHALL NOT BE USED, COPIED, REPRODUCED OR DISCLOSED IN WHOLE OR IN PART WITHOUT WRITTEN CONSENT OF HOTWIRE



TRENCH  
(MIN 36" COVER)  
INSTALL (2) 2" HDPE CONDUITS.  
PULL (1) 288CT FOC THROUGH

CONSTRUCTION DWG



2100 W CYPRESS CREEK RD  
FORT LAUDERDALE  
FLORIDA 33309

# FIBER OPTIC CABLE INSTALLATION

REVISIONS		
DATE	DESCRIPTION	INITIAL
08-31-17	ORIGINAL SUBMITTAL	DPI
03-14-18	CHANGES AS PER CITY COMMENTS	DPI

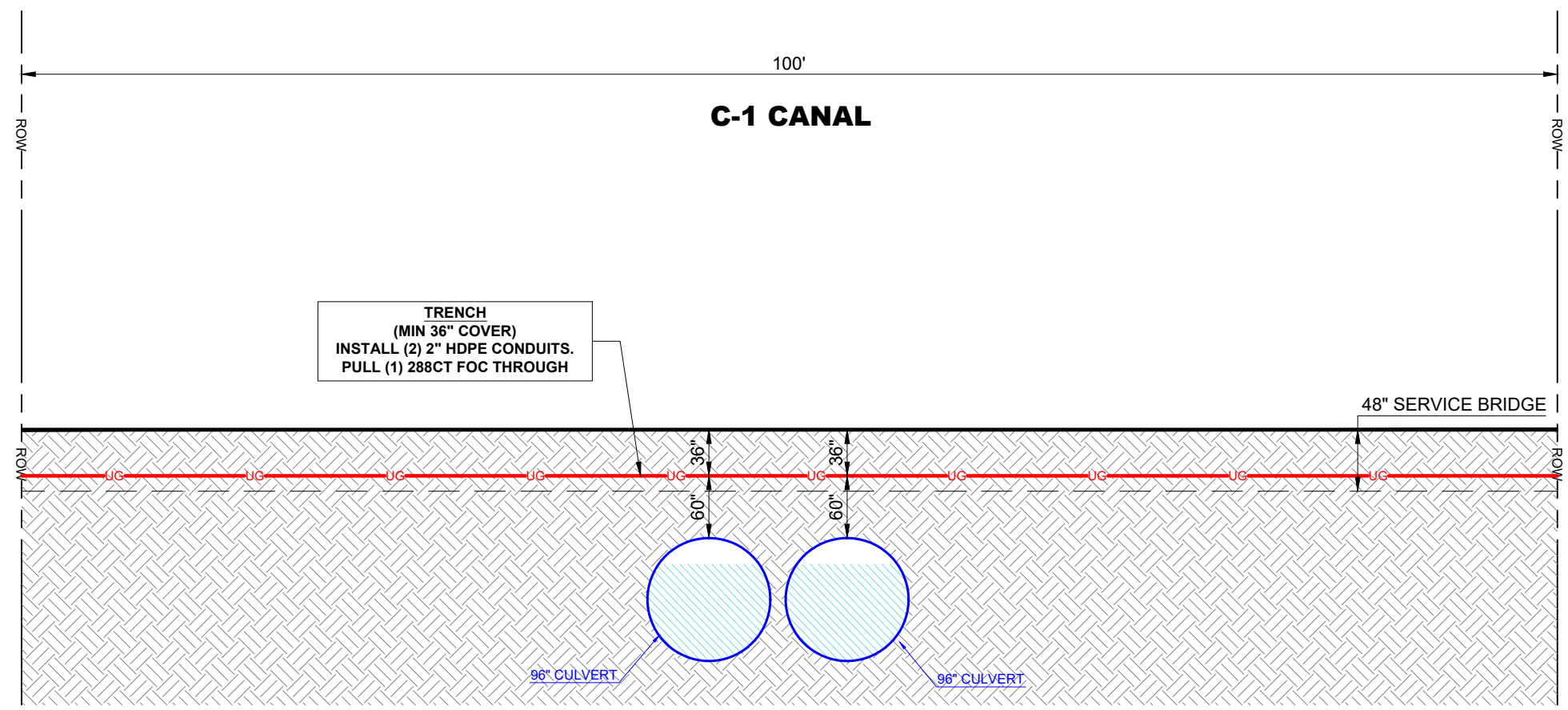


PROJECT NAME: TM-10 HUB		
PROJECT ADDRESS: 1331 UNIVERSITY DR		
OSP-ENG: PHIL GALLUB	OSP PH #: (305) 219-0286	APPV BY:
PROJECT CODE: ----		DRAWN BY: DraftPros Inc.
FILE NAME: TM-10 HUB- 1331 UNIVERSITY DR - DESIGN - CSID		
SCALE: 1"= 10'	PAGE: DETAIL 001	OF: 002



DIRECTION OF ENGINEERING.

INFORMATION ON THIS DOCUMENT IS PROPRIETARY AND SHALL NOT BE USED, COPIED, REPRODUCED OR DISCLOSED IN WHOLE OR IN PART WITHOUT WRITTEN CONSENT OF HOTWIRE



CONSTRUCTION DWG

PROJECT NAME: TM-10 HUB		
PROJECT ADDRESS: 1331 UNIVERSITY DR		
OSP-ENG: PHIL GALLUB	OSP PH #: (305) 219-0286	APPV BY:
PROJECT CODE: ---		DRAWN BY: DraftPros Inc.
FILE NAME: TM-10 HUB- 1331 UNIVERSITY DR - DESIGN - CSID		
SCALE: N.T.S	PAGE: DETAIL 002	OF: 002



2100 W CYPRESS CREEK RD  
FORT LAUDERDALE  
FLORIDA 33309

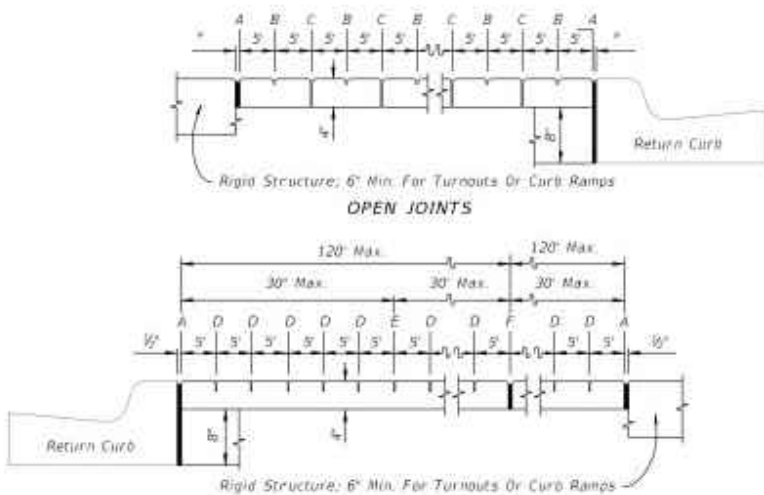
# FIBER OPTIC CABLE INSTALLATION

REVISIONS		
DATE	DESCRIPTION	INITIAL
08-31-17	ORIGINAL SUBMITTAL	DPI
03-14-18	CHANGES AS PER CITY COMMENTS	DPI



**GENERAL NOTES:**

1. Construct sidewalks in accordance with Specification Section 522.
2. Include detectable warnings on sidewalk curb ramps in accordance with Index 304.
3. For TURNOUTS see Index 515.
4. Bond breaker material can be any impermeable coated or sheet membrane or preformed material having a thickness of not less than 6 mils nor more than 1/8".
5. Construct sidewalks with Edge Beam through the limits of any surface mounted Pedestrian/Bicycle Railing or Pipe Guiderail shown in the plans. (See RAILING DETAIL)
6. When roadways or driveways are newly constructed, reconstructed or altered, construct the cross slopes for crosswalks and discontinuous sidewalks as follows:
  - A. Cross Slope = 0.02 for roadways or driveway controlled by "STOP" Sign or "YIELD" sign.
  - B. Cross Slope = 0.05 for roadways or driveways controlled by traffic signal.

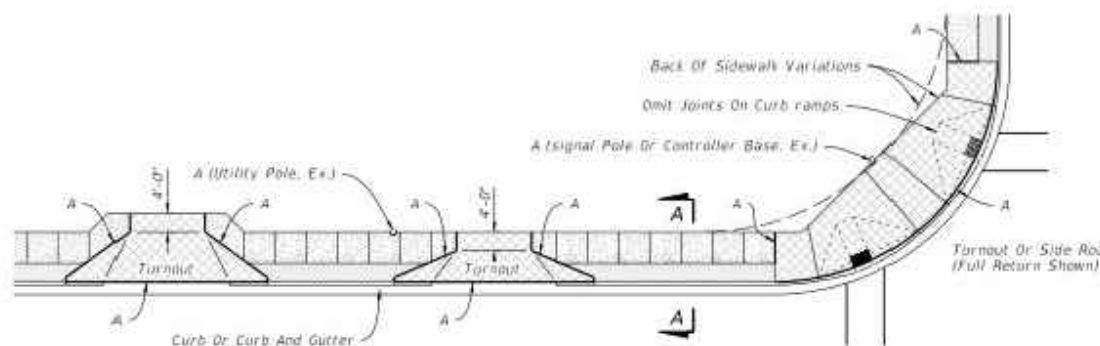


LONGITUDINAL SECTION  
SAWED JOINTS

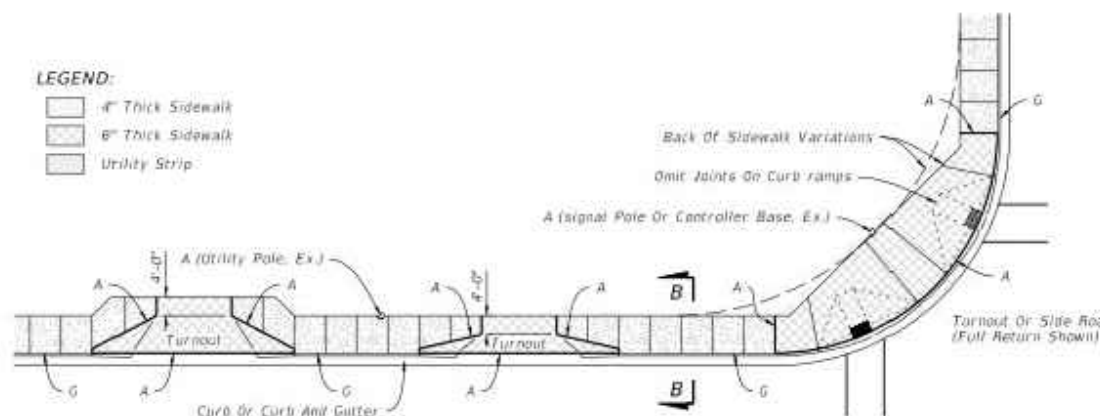
**LEGEND:**

- A- 1/2" Expansion Joints (Preformed Joint Filler)
- B- 1/2" Dummy Joints, Tooled
- C- 1/2" Formed Open Joints
- D- 3/8" Saw Cut Joints, 1 1/2" Deep (within 96 hours) Max. 5' Centers
- E- 3/8" Saw Cut Joints, 1 1/2" Deep (within 12 hours) Max. 30' Centers. Joints Required When Length Exceeds 30'.
- F- 1/2" Expansion Joint When Run Of Sidewalk Exceeds 120'. Intermediate locations when called for in the plans or at locations as directed by the Engineer.
- G- Cold Joint With Bond Breaker, Tooled

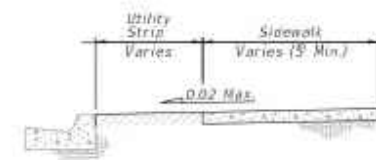
**SIDEWALK JOINTS**



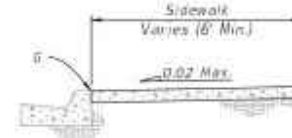
PLAN  
SIDEWALK WITH UTILITY STRIP



PLAN  
SIDEWALK WITHOUT UTILITY STRIP



SECTION A-A



SECTION B-B



RAILING DETAIL

**GENERAL NOTES AND CONCRETE SIDEWALK ON CURBED ROADWAYS**

LAST REVISION	DESCRIPTION:
11/01/16	

LAST REVISION	DESCRIPTION:
11/01/16	

FY 2017-18  
DESIGN STANDARDS

CONCRETE SIDEWALK

INDEX NO.	SHEET NO.
310	1 of 2



2100 W CYPRESS CREEK RD  
FORT LAUDERDALE  
FLORIDA 33309

**FIBER OPTIC CABLE INSTALLATION**

REVISIONS

DATE	DESCRIPTION	INITIAL
08-31-17	ORIGINAL SUBMITTAL	DPI



Know what's below.  
Call before you dig.

INDEX NO:  
**310 (1)**

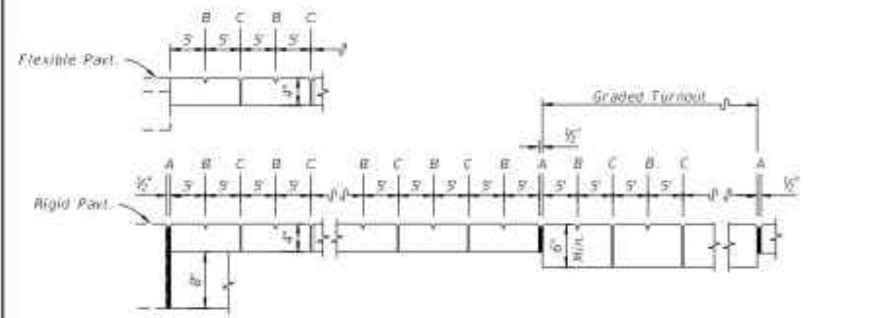
PROJECT NAME:  
TM-10 HUB

PROJECT ADDRESS:  
1331 UNIVERSITY DR

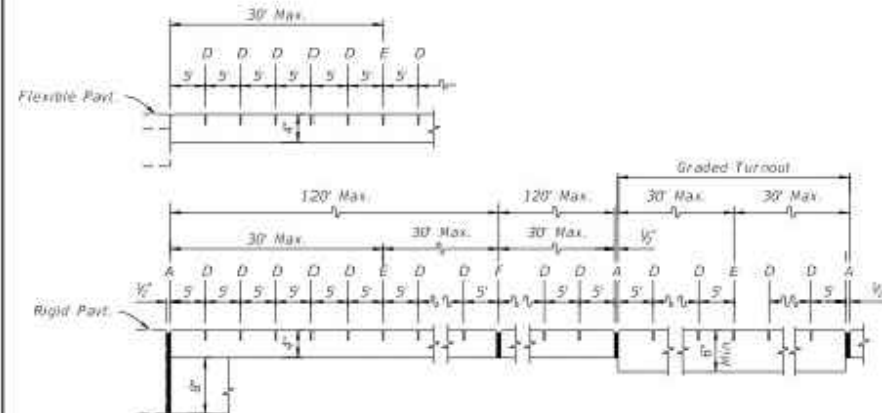
OSP-ENG: PHIL GALLUB	OSP PH #: (305) 219-0286	APPV BY:
PROJECT CODE: ---		DRAWN BY: DraftPros Inc.

FILE NAME: TM-10 HUB- 1331 UNIVERSITY DR - DESIGN - CSID	PAGE: MOT 001	OF: 004
SCALE: N.T.S.		





OPEN JOINTS

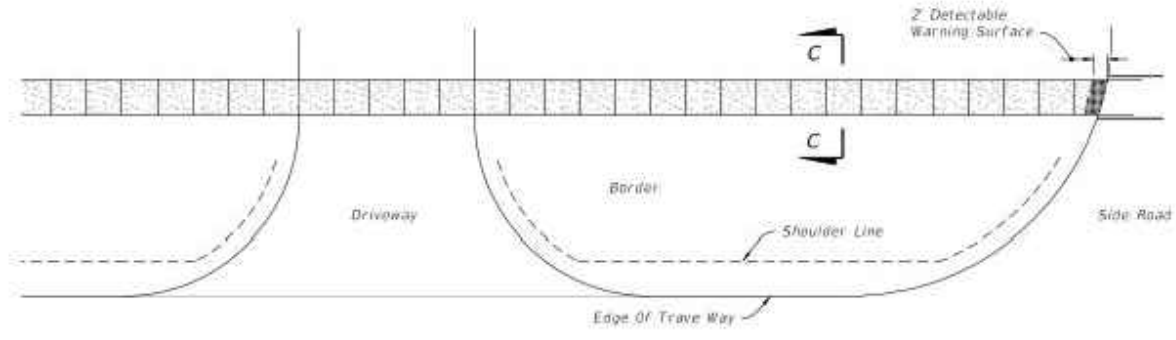


SAWED JOINTS

LONGITUDINAL SECTION

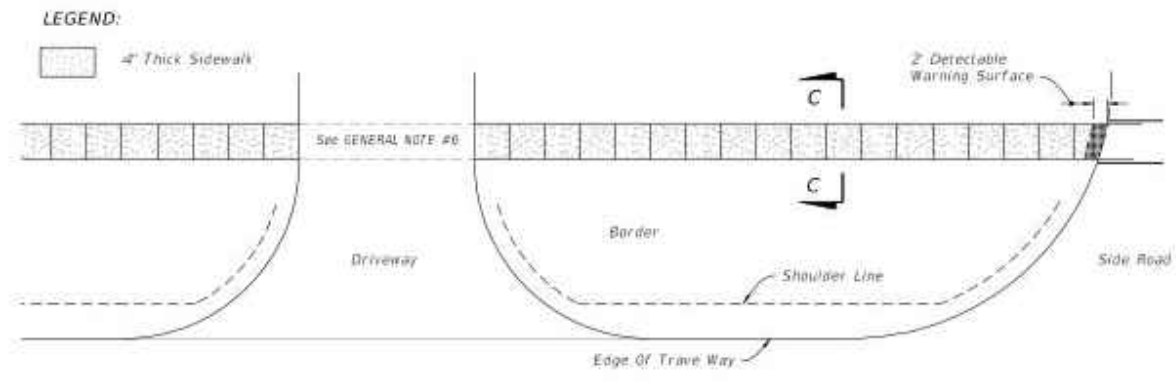
- LEGEND:**
- A- 1/2" Expansion Joints (Preformed Joint Filler)
  - B- 1/2" Dummy Joints, Tooled
  - C- 1/2" Formed Open Joints
  - D- 1/4" Saw Cut Joints, 1 1/2" Deep (within 96 hours) Max. 5' Centers
  - E- 1/4" Saw Cut Joints, 1 1/2" Deep (within 12 hours) Max. 30' Centers (Joints) Required When Length Exceeds 30'
  - F- 1/2" Expansion Joint When Run of Sidewalk Exceeds 120'. Intermediate Locations when called for in the plans or at locations as directed by the Engineer.

SIDEWALK JOINTS



PLAN

CONTINUOUS SIDEWALK



PLAN

DISCONTINUOUS SIDEWALK

LEGEND:

4" Thick Sidewalk



SECTION C-C

CONCRETE SIDEWALK ON FLUSH SHOULDER ROADWAYS

LAST REVISION 11/01/16	DESCRIPTION:	FDOT FY 2017-18 DESIGN STANDARDS	CONCRETE SIDEWALK	INDEX NO. 310	SHEET NO. 2 of 2
---------------------------	--------------	--	-------------------	------------------	---------------------

INDEX NO: <b>310 (2)</b>		
PROJECT NAME: TM-10 HUB		
PROJECT ADDRESS: 1331 UNIVERSITY DR		
OSP-ENG: PHIL GALLUB	OSP PH #: (305) 219-0286	APPV BY:
PROJECT CODE: ---	DRAWN BY: DraftPros Inc.	
FILE NAME: TM-10 HUB- 1331 UNIVERSITY DR - DESIGN - CSID	SCALE: N.T.S.	
PAGE: MOT 002	OF: 004	



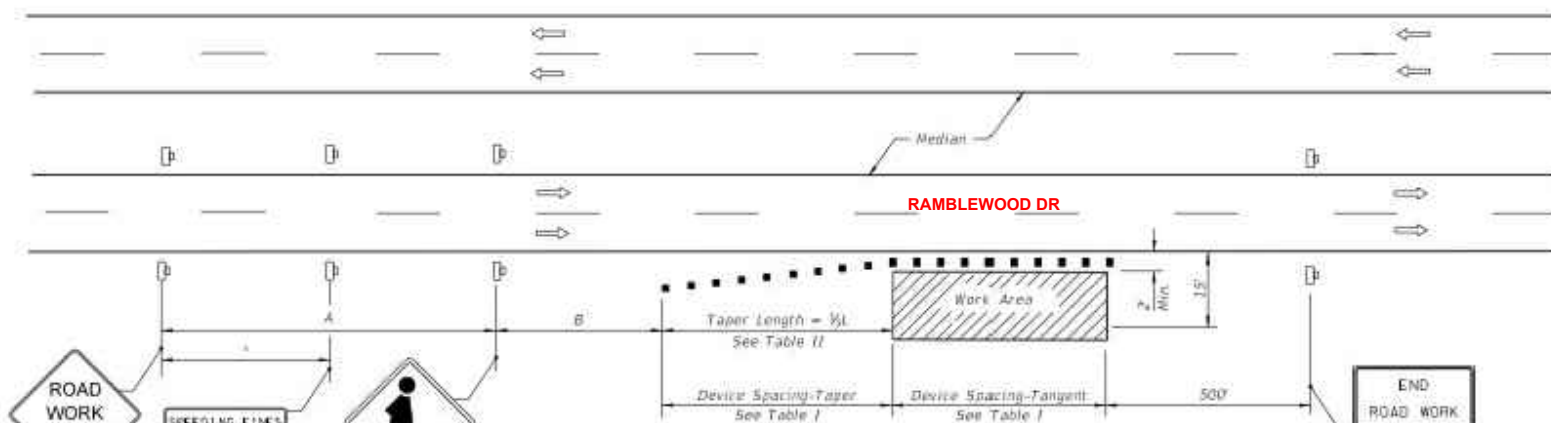
2100 W CYPRESS CREEK RD  
FORT LAUDERDALE  
FLORIDA 33309

**FIBER OPTIC CABLE INSTALLATION**

REVISIONS		
DATE	DESCRIPTION	INITIAL
08-31-17	ORIGINAL SUBMITTAL	DPI







Speed	Spacing (ft.)	
	A	B
40 mph or less	200	200
45 mph	350	350
50 mph or greater	500	500

\* 250' beyond the ROAD WORK AHEAD sign or midway between signs whichever is less.

Speed (mph)	Max. Distance Between Devices (ft.)			
	Cones or Tubular Markers		Type I or Type II Barricades or Vertical Panels or Drums	
	Taper	Tangent	Taper	Tangent
25	25	50	25	50
30 to 45	25	50	30	50
50 to 70	25	50	50	100

Speed (mph)	L (ft.)			Notes
	8' Shldr.	10' Shldr.	12' Shldr.	
25	29	35	42	L = WS <sup>2</sup> / 60
30	40	50	60	
35	55	68	82	
40	72	90	107	L = WS
45	120	150	180	
50	133	167	200	
55	147	183	220	
60	160	200	240	
65	173	217	260	
70	187	233	280	

B' = minimum shoulder width.

L = Length of shoulder taper in feet.

W = Width of total shoulder in feet (combined paved and unpaved width)

S = Posted speed limit (mph)

**GENERAL NOTES**

- When a high volume of work vehicles are entering and leaving the Work Area at speeds slower than 10 MPH below the posted speed, place an MOT-5-06 sign in the ROAD WORK AHEAD sign location and shift the ROAD WORK AHEAD sign upstream 500 ft.
- This TCZ plan also applies to work performed in the median more than 2' but less than 15' from the edge of travelway.
- When work is being performed on a multilane undivided roadway the signs normally mounted in the median (as shown) shall be omitted.
- WORKERS signs to be removed or fully covered when no work is being performed.
- SHOULDER WORK sign may be used as an alternate to the WORKER symbol sign.
- When a side road intersects the highway within the TTC zone, additional TTC devices shall be placed in accordance with other applicable TTC indexes.
- For general TCZ requirements and additional information, refer to Index No. 600.

**DURATION NOTES**

- Signs and channelizing devices may be omitted if all of the following conditions are met:
  - Work operations are 60 minutes or less.
  - Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.

**CONDITIONS**

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCRDACH THE AREA CLOSER THAN 15' BUT NOT CLOSER THAN 2' TO THE EDGE OF TRAVEL WAY.

**SYMBOLS**

- Work Area
- Channelizing Device (See Index No. 600)
- Work Zone Sign
- Lane Identification + Direction of Traffic

10/12/2016 1:10:08 PM

LAST REVISION 01/01/16	DESCRIPTION:	<b>FY 2017-18 DESIGN STANDARDS</b>	<b>MULTILANE, WORK ON SHOULDER</b>	INDEX NO. <b>612</b>	SHEET NO. <b>1 of 1</b>
---------------------------	--------------	--	------------------------------------	-------------------------	----------------------------

INDEX NO.:			<b>602</b>
PROJECT NAME:			TM-10 HUB
PROJECT ADDRESS:			1331 UNIVERSITY DR
OSP-ENG:	OSP PH #:	APPV BY:	
PHIL GALLUB	(305) 219-0286		
PROJECT CODE:	---	DRAWN BY:	
		DraftPros Inc.	
FILE NAME:	TM-10 HUB- 1331 UNIVERSITY DR - DESIGN - CSID		
SCALE:	N.T.S.	PAGE: MOT 003	OF: 004



2100 W CYPRESS CREEK RD  
FORT LAUDERDALE  
FLORIDA 33309

**FIBER OPTIC CABLE INSTALLATION**

REVISIONS		
DATE	DESCRIPTION	INITIAL
08-31-17	ORIGINAL SUBMITTAL	DPI

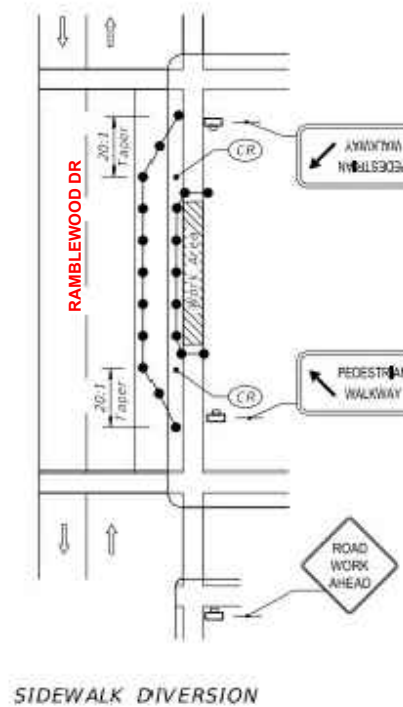
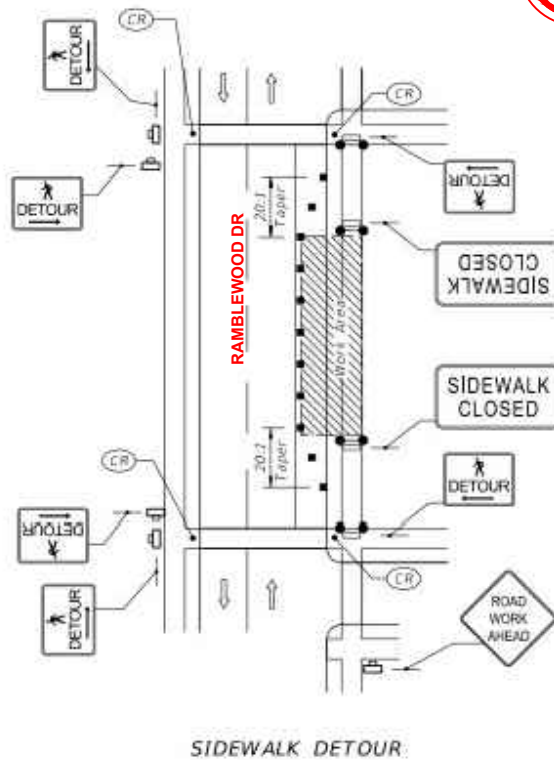
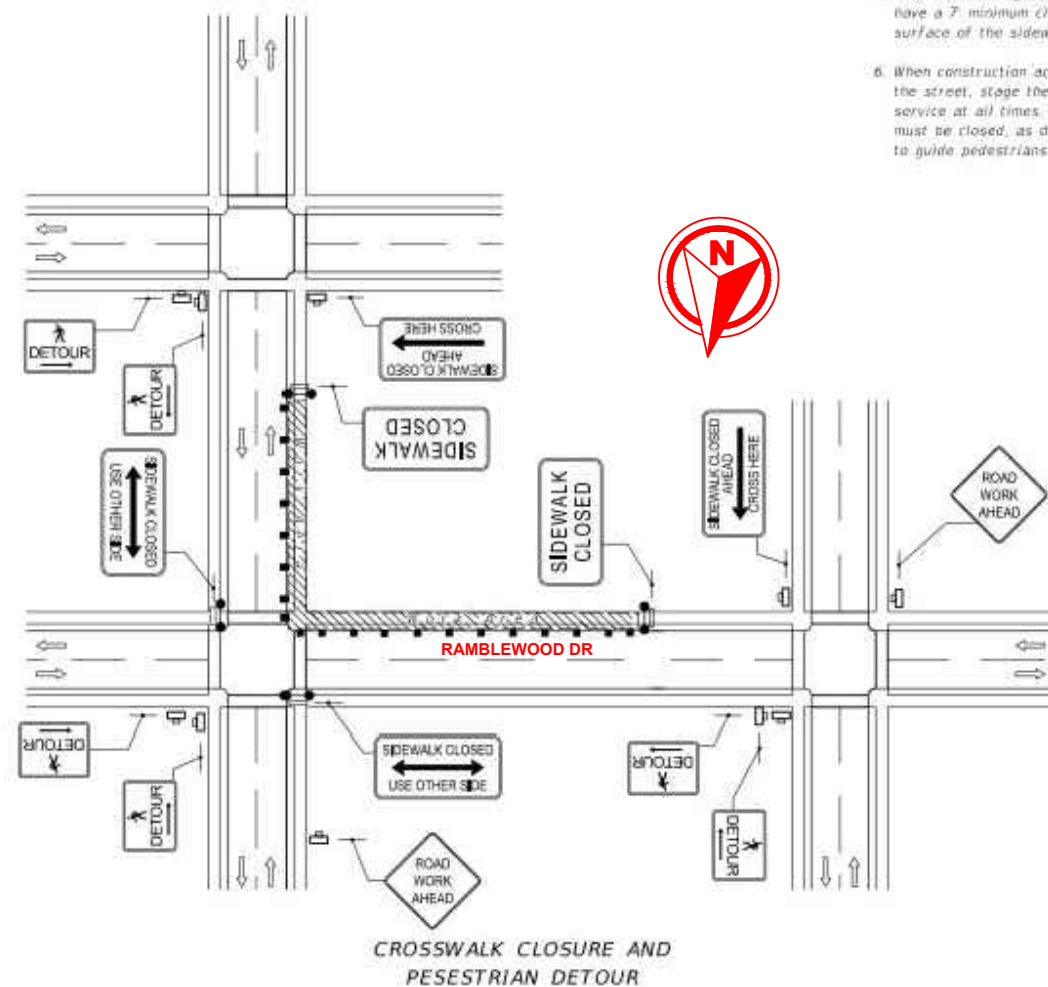


**SYMBOLS**

- Work Area
- Channelizing Device (See Index 600)
- Work Zone Sign
- Required Locations For Either Temporary Or Permanent Curb Ramps
- Lane Identification + Direction of Traffic
- Pedestrian Longitudinal Channelizing Device (LCD) with Mounted Work Zone Sign or separate Work Zone Sign
- Pedestrian Longitudinal Channelizing Device (LCD)

**GENERAL NOTES**

1. Route pedestrian traffic around work areas when construction activities encroach on the sidewalk for more than 60 minutes using the devices and remedies shown on this Index. Use project specific designs for scenarios not included on this Index.
2. For spacing of traffic control devices and general TCZ requirements refer to Index 600. The maximum spacing between barricades, vertical panels, drums or tubular markers is 25'.
3. Use delineators on longitudinal channelizing devices separating the work area from vehicular traffic.
4. Cover or deactivate pedestrian traffic signal displays controlling closed crosswalks.
5. Post mounted signs located near or adjacent to a sidewalk must have a 7' minimum clearance from the bottom of sign to the surface of the sidewalk.
6. When construction activities involve sidewalks on both sides of the street, stage the construction so that one sidewalk is in service at all times. If this is not feasible and both sidewalks must be closed, as determined by the Engineer, provide a detour to guide pedestrians around the construction zone.
7. Provide a 5' wide temporary walkway, except where space restrictions warrant a minimum width of 4'. Provide a 5' x 5' passing space for temporary walkways less than 5' in width at intervals not to exceed 200'.
8. Provide a cross-slope with a maximum value of 0.02 for all temporary walkways.
9. Temporary walkway surfaces and ramps must be stable, firm, slip resistant, and kept free of any obstructions and hazards such as holes, debris, mud, construction equipment and stored materials.
10. Remove temporary walkways immediately after reopening of the sidewalk, unless otherwise noted in the plans.
11. Meet the requirements of Index 304 for temporary curb ramps.
12. Place pedestrian longitudinal channelizing device(s) across the full width of the closed sidewalk. For temporary walkways, similar to the Sidewalk Diversion, place LCDs to delineate both sides of the temporary walkway.



LAST REVISION 11/01/16

DESCRIPTION:

**FDOT** FY 2017-18 DESIGN STANDARDS

PEDESTRIAN CONTROL FOR CLOSURE OF SIDEWALKS

INDEX NO. 660

SHEET NO. 1 of 1

INDEX NO. **612**

PROJECT NAME: TM-10 HUB

PROJECT ADDRESS: 1331 UNIVERSITY DR

OSP-ENG: PHIL GALLUB (305) 219-0286  
 APPV BY: [Blank]  
 PROJECT CODE: ---  
 DRAWN BY: DraftPros Inc.

FILE NAME: TM-10 HUB- 1331 UNIVERSITY DR - DESIGN - CSID  
 SCALE: N.T.S. PAGE: MOT 004 OF: 004



2100 W CYPRESS CREEK RD  
 FORT LAUDERDALE  
 FLORIDA 33309

**FIBER OPTIC CABLE INSTALLATION**

**REVISIONS**

DATE	DESCRIPTION	INITIAL
08-31-17	ORIGINAL SUBMITTAL	DPI



Know what's below.  
 Call before you dig.

## **Sixth Order of Business**

**From:** Van Malssen, Erick [<mailto:erick.vanmalssen@stantec.com>]  
**Sent:** Monday, April 02, 2018 11:06 AM  
**To:** Terry Lewis ; Burton, Michael (St. Augustine) ; 'Cassel, Kenneth' ; Seth Behn ; 'Demarco, Sandra' ; [dand@fladistricts.com](mailto:dand@fladistricts.com)  
**Subject:** RE: Assessment Calendar

All,

Good morning. Mike and I had a conversation with Holly Camino at the Property Appraiser's office this morning concerning the assessment calendar. The PA office timeline looks as follows:

- June 1<sup>st</sup> – Property Appraiser to send the updated property database for finalization of the rolls and rate calculations
  - Once the preliminary roll is ready from the June 1<sup>st</sup> update, they would like us to send the units and preliminary charge per parcel, this is not intended to be final but to get them started and prepared for further updates
- August 3<sup>rd</sup> – Deadline to provide final roll and rates for inclusion on the TRIM notices
- October 3<sup>rd</sup> – Deadline to provide final assessment roll for inclusion on tax bills
- Before September 15<sup>th</sup> – Provide final assessment roll with any adjustments from the prior roll, if necessary

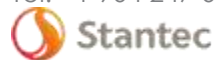
Based upon this timeline, we would like to propose extending our schedule that we had previously discussed of a May 21<sup>st</sup> hearing deadline. We will need to finalize the rolls once we receive the June 1<sup>st</sup> property data as it is important for us to use this data set so that the notices for the hearings are sent to the correct and updated owners address. We then propose to have the hearing deadline ahead of August 3<sup>rd</sup> to have final rates adopted by the District for inclusion on the TRIM notice. This would require us to set the meeting dates and have the 20-day notices sent out on a revised schedule. As such, the current proposed meeting date of May 21<sup>st</sup> could be moved back to sometime from mid-June to late July. Please review these dates and provide any comment or questions.

I will be circulating the revised Stormwater report and the first draft of the Water/Sewer assessment report this week.

Regards,

**Erick van Malssen**  
**Consulting Manager**

200 Business Park Circle, Suite 101  
St Augustine, FL 32095  
Tel: +1 904 247 0787



Please visit [www.stantec.com](http://www.stantec.com) to learn more about how Stantec designs with community in mind.

The content of this email is the confidential property of Stantec and should not be copied, modified, retransmitted, or used for any purpose except with Stantec's written authorization. If you are not the intended recipient, please delete all copies and notify us immediately.

Please consider the environment before printing this email.

## **Seventh Order of Business**

RESOLUTION 2018-08

A RESOLUTION OF THE BOARD OF SUPERVISORS OF THE CORAL SPRINGS IMPROVEMENT DISTRICT CONFIRMING THE BOARD'S INTENTION TO UTILIZE THE UNIFORM METHOD FOR THE LEVY, COLLECTION AND ENFORCEMENT OF NON-AD VALOREM ASSESSMENTS WHICH HEREINAFTER MAY BE LEVIED BY THE CORAL SPRINGS IMPROVEMENT DISTRICT IN ACCORDANCE WITH THE PROVISIONS OF SECTION 197.3632, FLORIDA STATUTES; PROVIDING AN EFFECTIVE DATE.

WHEREAS, the Board of Supervisors (the "Board") of the Coral Springs Improvement District (the "District") has determined to consider utilization of the uniform method of levy, collection and enforcement as authorized by section 197.3632, Florida Statutes to collect certain non-ad valorem assessments approved by the Board for the purpose of reconstruction and replacement of certain public infrastructure including potable water and waste water facilities; and,

WHEREAS, the District, as required by law has published notice of the Board's intention to consider utilization of the uniform method of non-ad valorem assessment collection once a week for four (4) consecutive weeks in a newspaper of general circulation in Broward County, Florida prior to Board consideration of the matter; and,

WHEREAS, the Board is authorized pursuant to Chapter 298, Florida Statutes, Chapter 2004-469, Laws of Florida, 2004 and Section 197.3632, Florida Statutes to levy, collect and enforce non-ad valorem assessments on benefitted properties within the District for certain public purposes including the reconstruction and replacement of public infrastructure including but not limited to water and waste water control facilities; and

WHEREAS, the legal description of the benefitted properties on which non-ad valorem assessments may be levied is attached to this Resolution as Exhibit "A" and incorporated herein as required by Section 197.3632, Florida Statutes.

NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF SUPERVISORS OF THE CORAL SPRINGS IMPROVEMENT DISTRICT THAT:

1. The Board, upon conducting its public hearing as required by Section 197.3632, Florida Statutes hereby expresses its intention to use the uniform method of collection of non-ad valorem assessments for the purpose of reconstruction and replacement of public infrastructure including but not limited to water and waste water facilities.
2. Said assessments may be levied annually for several years by the District for the purposes stated in Section one of this Resolution.
3. This Resolution shall become effective immediately upon adoption by the Board and the District Manager is directed to provide the Broward County Property

Appraiser, Broward County Tax Collector and the Florida Department of Revenue  
with a copy of this Resolution on or before April \_\_\_\_, 2018.

PASSED AND ADOPTED THIS \_\_\_\_ day of January, 2018.

ATTEST:

INFRAMARK

BOARD OF SUPERVISORS OF THE  
CORAL SPRING IMPROVEMENT  
DISTRICT

By: \_\_\_\_\_  
Kenneth G. Cassel, District Manager

By: \_\_\_\_\_  
Martin Shank, President

APPROVED AS TO FORM:

\_\_\_\_\_  
Terry E. Lewis, General Counsel  
Lewis, Longman and Walker, P.A.

## EXHIBIT "A"

Exclusion of lands and new boundaries. The following described lands formerly within the boundaries of the District are excluded: The North one-half of Section 26, Township 48 South, Range 41 East, Broward County, Florida. The boundaries of the District are: Beginning at the Northwest corner of Section 30, Township 48 South, Range 41, East; thence Southerly along the West line of said Section 30 and along the West line of Section 31 of said Township 48 South, Range 41 East to an intersection with the North right-of-way line of the Pompano Canal (C-14); thence Easterly along the said North right-of-way line, through said Section 31 and Sections 32, 33 and 34 of said Township 48 South, Range 41 East to an intersection with the East line of said Section 34; thence Northerly along the said East line of Section 34 and along the East line of Section 27, Township 48 South, Range 41 East to the said Northwest corner of Section 30 and the Point of Beginning; said lands situate, lying and being in Broward County, Florida, which said boundary embraces and includes these certain tracts or parcels of land described as follows, to wit:

All of Sections 27 and 29; and tracts 1 through 19 inclusive, tracts 22 through 27 inclusive, Tracts 30 through 32 inclusive, and those portions of Tracts 20, 21, 28 and 29 lying North of the North right-of-way line of the Pompano Canal (C-14) of the subdivision of Section 31; and Tracts 1 through 18 inclusive, Tracts 22 through 26 inclusive, Tracts 31 and 32 and those portions of Tracts 19, 20, 21, 27 and 30 lying North of the North right-of-way line of the Pompano Canal (C-14) of the subdivision of Section 33, all according to the Florida Fruit Lands Company's Subdivision Map No. 2, recorded in Plat Book 1, Page 102, of the public records of Palm Beach County, Florida, together with all the platted road rights-of-way contained therein; and all of Sections 28 and 30; and those portions of Sections 32 and 34 lying North of the North right-of-way line of the Pompano Canal (C-14).

All of said property situate, lying and being in Township 48 South, Range 41 East, Broward County, Florida.



## **Eighth Order of Business**



PROFESSIONAL SERVICES AGREEMENT CHANGE ORDER

Change Order # 2 Date 20 March 2018

"STANTEC" STANTEC CONSULTING SERVICES INC.
STANTEC Project # 224801227
200 Business Park Circle, Suite 101, St. Augustine, FL 32095
Ph: (904) 247-0787 Fx:
email: michael.burton@stantec.com

CLIENT CORAL SPRINGS IMPROVEMENT DISTRICT
Client Project # NA
210 N. University Drive, Suite 702
Coral Springs, FL 33071
Ph: (954) 603-0031 Fx:
email: ken.cassel@inframark.com

Project Name and Location: Water and Sewer Capital Assessment

In accordance with the original Professional Services Agreement dated 5 June 2017 and Change Orders thereto, the Agreement changes as detailed below are hereby authorized. Water and Sewer Connection Fee Study - This Change Order.

Table with 6 columns: Description, Quantity, Unit, Price, Amount, and Total. Rows include: Total fees this Change Order (\$25,478.00), Original agreement amount (\$20,129.00), Change Order Number 1 (\$8,201.00), and Total Agreement (\$53,808.00).

Effect on Schedule: NA

Payments shall be made in accordance with the original agreement terms. All other items and conditions of the original Agreement shall remain in full force and effect.

PURSUANT TO FLORIDA STATUTES CHAPTER 558.0035 AN INDIVIDUAL EMPLOYEE OR AGENT MAY NOT BE HELD INDIVIDUALLY LIABLE FOR DAMAGES RESULTING FROM NEGLIGENCE.

STANTEC CONSULTING SERVICES INC.

CORAL SPRINGS IMPROVEMENT DISTRICT

Michael E. Burton, Vice President
Print Name and Title

Print Name and Title

Signature

Signature

Date Signed:

Date Signed:

**Coral Springs Improvement District (CSID)**  
**GENERAL FUND O&M AND WATER AND SEWER CAPITAL ASSESSMENT METHODOLOGY**  
**PROJECT WORK PLAN AND FEE ESTIMATE - WATER AND SEWER CONNECTION FEE STUDY**



PROJECT TASKS	ESTIMATED MAN-HOURS			Total Project
	Stantec			
	Project Director \$325	Managing Consultant \$190	Project Consultant \$140	
<b>TASK 1</b> <u>Initiate the Project</u>				
1.1 Conduct a conference call with District staff to validate project objectives, responsibilities, schedule and monitoring and reporting procedures.	1	1	1	3
1.2 Identify data requirements and responsibilities for obtaining and compiling data.	0	0	1	1
<b>TASK 2</b> <u>Develop Water and Wastewater Connection Fees</u>				
2.1 Obtain required cost and capacity data.				
a. Obtain and compile fixed asset records and escalate current depreciated value from in service date to current year replacement cost.	1	4	16	21
c. Obtain and compile capital improvement program (CIP) data by major system component and allocate to expansion and renewal & replacement.	0	1	4	5
d. Obtain capacity data for the current assets and the assets after implementation of the CIP.	0	1	2	3
2.2 Load data into Stantec's FAMS-XL model for connection fees and produce preliminary schedules of connection fees.	1	4	8	13
2.3 Conduct an interactive session with District staff to review the preliminary results of the water and wastewater connection fee calculation.	6	6	6	18
2.4 Make adjustments based upon input from the interactive work session in Task 2.3.	1	2	4	7
2.5 Conduct a second interactive session via internet conference with District staff to review the adjusted results of the water and wastewater capital tap fee calculation.	2	2	2	6
2.6 Prepare for and present the results of the Study to District Management.	0	6	6	12
2.7 Make adjustments based upon direction from District Management in Task 2.6.	0	2	4	6
2.8 Conduct a survey of connection fees in other jurisdictions and prepare a comparative benchmarking analysis relative to the current and proposed fees.	0	2	4	6
<b>TASK 3</b> <u>Prepare a report of the results of the Study and present the results to the District Board.</u>				
3.1 Prepare a Draft Report of the results of the Study.	1	2	8	11
3.2 Conduct a conference call to review the Draft Report with District staff.	0	1	1	2
3.3 Make adjustments based upon input from District staff and produce a final draft report.	0	1	3	4
3.4 Present the Final Draft Report to the District Board in a workshop session.	0	6	6	12
3.5 Make adjustments as required based upon input from the District Board and produce a Final Report.	0	1	2	3
3.6 Attend a public hearing for adoption of the connection fees.	0	6	0	6
<b>TOTAL MAN-HOURS</b>	<b>13</b>	<b>48</b>	<b>78</b>	<b>139</b>
<b>TOTAL FEE BEFORE EXPENSES</b>				<b>\$24,265</b>
<b>TOTAL EXPENSES</b> 5.0%				<b>\$1,213</b>
<b>TOTAL FIXED FEE INCLUSIVE OF EXPENSES</b>				<b>\$25,478</b>

Note: All meetings with client staff or Governing Board include time for meeting preparation, meeting attendance and post meeting documentation.

## **Ninth Order of Business**

# QUOTATION



**AQUIFER MAINTENANCE & PERFORMANCE SYSTEMS, INC.**

7146 Haverhill Road N. • West Palm Beach, FL 33407 • 561-494-2844

March 14, 2018

Coral Springs Improvement District  
10300 N.W. 11<sup>th</sup> Manor  
Coral Springs, FL 33071  
Attn: Joe Stephens

**Re: WELL MAINTENANCE**

AMPS, Inc. appreciates the opportunity to submit the following proposal per both our existing contract with the City of Sunrise and with Martin County for your review:

City of Sunrise Contract:

- |  |           |
|--|-----------|
| 1) Perform blended chemical injection on well    | \$ 395.00 |
| 2) Flush & monitor well (2 - 2 ½ hours per well) | 337.50    |

TOTAL PER WELL: \$ 732.50

Martin County Contract:

- |  |           |
|--|-----------|
| 1) Perform blended chemical injection on well      | \$ 275.00 |
| 2) Flush well approximately 1 ½ - 2 hours per well | 170.00    |
| 3) Monitor well                                    | 110.00    |

TOTAL PER WELL: \$ 555.00

If you have any questions about the above information please don't hesitate to call. Thank you.

Sincerely,

*Jim Murray*

Jim Murray  
President

**FOR YOUR TOTAL PUMP & WELL FIELD NEEDS  
ABOVE QUOTATION GOOD FOR 30 DAYS.**

March 14, 2018

Coral Springs Improvement District  
10300 NW 11<sup>th</sup> Manor  
Coral Springs, FL 33071  
Attn: Joe Stevens

**Re: MARTIN COUNTY UTILITIES  
CONTRACT #RFB-2017-2969**

Aquifer Maintenance & Performance Systems, Inc. (AMPS, Inc.) agrees to allow the City of Stuart to piggyback our existing contract with Martin County Utilities (contract RFB#2017-2969) with the same terms, conditions, specifications & pricing.

In addition AMPS will guarantee that actual well performance will be maintained at no less than 80% of rehabilitated specific capacity on the Coral Springs Improvement District wellfield.

If you have any questions about the above information or if we may be of any further assistance please don't hesitate to call. Thank you.

Sincerely,  
*Jim Murray*  
Jim Murray  
President



March 14, 2018

Coral Springs Improvement District  
10300 NW 11<sup>th</sup> Manor  
Coral Springs, FL 33071  
Attn: Joe Stevens

**Re: MARTIN COUNTY UTILITIES  
CONTRACT #RFB-2017-2969**

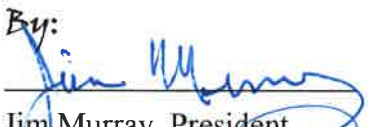
Aquifer Maintenance & Performance Systems, Inc. (AMPS, Inc.) agrees to allow the Coral Springs Improvement District to piggyback our existing contract with Martin County Utilities (contract RFB#2017-2969) with the same terms, conditions, specifications & pricing. The scope of work includes but is not limited to:

\*Monthly monitoring: Contractor shall monitor/test each well monthly & submit a report to the client representative

\*Recommended monthly chemical injections on an as needed basis to maintain optimum performance & quality. Wells will be determined from the monitoring, the wells will set for 24 hours and then be flushed

\*AMPS will guarantee that actual well performance will be maintained at no less than 80% of rehabilitated specific capacity on the Coral Springs Improvement District wellfield. 2 additional injections will be performed and, if no change, a rehabilitation will be performed at 1/2 price.

The above is agreeable to both Aquifer Maintenance & Performance Systems, Inc. & Coral Springs Improvement District.

By:   
\_\_\_\_\_  
Jim Murray, President  
AMPS, Inc.

\_\_\_\_\_  
Coral Springs Improvement District

Date: 3-15-18

Date: \_\_\_\_\_

**IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT (954)603-0033, [SANDRA.DEMARCO@INFRAMARK.COM](mailto:SANDRA.DEMARCO@INFRAMARK.COM), 210 N. UNIVERSITY DRIVE, SUITE 702, CORAL SPRINGS, FL 33071**

**FOR YOUR TOTAL PUMP AND WELL FIELD NEEDS**

**BID TABULATION  
WELLFIELD MAINTENANCE  
RFB2017-2969  
BID DUE DATE: JULY 12, 2017**

<b>BIDDER NAME</b>	<b>TOTAL BID</b>
<b>AMPS</b>	<b>\$261,435.05</b>
<b>ALL WEBBS</b>	<b>\$732,650.00</b>

DATE ADVERTISED	6/10/2017
# OF BIDDERS	2
DOWNLOAD INQUIRIES	11
POTENTIAL BIDDERS NOTIFIED	147

This is a preliminary summary of the bids as they were opened and announced at the bid opening. Bid prices have not been verified and are subject to change in the event mathematical errors are discovered during bid review. Other information contained in this summary is also subject to review. Bid award information is posted on [www.demandstar.com](http://www.demandstar.com)



**DEMANDSTAR**

by **ONVIA**

<b>My DemandStar</b>	<b>Suppliers</b>	<b>Account Info</b>
<a href="#">[View Bids]</a> <a href="#">View Quotes</a>	<a href="#">View Orders</a>	<a href="#">View Responses</a>

**Bids**

Modify Search

200 bids found.  
 Your search returned the maximum number of items allowed.  
 Narrow your search criteria to find more specific information.

Bid Identifier	Agency Name	Bid Status	Broadcast Date	Date Due ▼	Name	Actions
SS-2989-0-2017/NC	Martin County Purchasing	Awarded	7/25/2017	8/3/2017	Single Source - APEX Software Consulting	Planholders, Download/Order, Details
RFP-2981-0-2017/NC	Martin County Purchasing	Awarded	7/1/2017	7/26/2017	Domestic Animal Shelter	Planholders, Download/Order, Details
RFB-2976-0-2017/NC	Martin County Purchasing	Awarded	6/22/2017	7/26/2017	Southwood Neighborhood Rehabilitation	Planholders, Tabulation Sheet, Download/Order, Details
RFB-2975-0-2017/NC	Martin County Purchasing	Awarded	6/21/2017	7/19/2017	Hutchinson Island Gateway Improvements (re-bid)	Planholders, Tabulation Sheet, Download/Order, Details
RFB-2973-0-2017/NC	Martin County Purchasing	Awarded	6/15/2017	7/19/2017	Drawbridge Repair & Maintenance	Planholders, Tabulation Sheet, Download/Order, Details
RFB-2974-0-2017/NC	Martin County Purchasing	Awarded	6/16/2017	7/12/2017	Trash Receptacles	Planholders, Tabulation Sheet, Download/Order, Details
RFQ-2971-0-2017/NC	Martin County Purchasing	Awarded	6/10/2017	7/12/2017	Mapp Road Town Center Design	Planholders, Tabulation Sheet, Download/Order, Details
RFB-2969-0-2017/NC	Martin County Purchasing	Awarded	6/10/2017	7/12/2017	Wellfield Maintenance	Planholders, Tabulation Sheet, Download/Order, Details
RFQ-2970-0-2017/NC	Martin County Purchasing	Awarded	6/10/2017	7/12/2017	Environmental consulting	Planholders, Tabulation Sheet, Download/Order, Details
SS-2980-0-2017/NC	Martin County Purchasing	Awarded	6/24/2017	7/5/2017	Single Source - Artificial Reef Study	Planholders, Download/Order, Details

Page 2 of 20 first | previous | next | last

**Search Criteria**

Advanced search

- Show bids
- Bids for which I have been notified
  - Bids I have ordered
  - All bids in the system

Bid Status:

Agency:



**AGREEMENT BETWEEN COUNTY AND CONTRACTOR FOR  
GOODS AND SERVICES**

THIS AGREEMENT, effective this 8<sup>th</sup> day of August in the year, 2017, between:

MARTIN COUNTY BOARD OF COUNTY COMMISSIONERS, a political subdivision of the State of Florida, (hereinafter COUNTY), located at 2401 S.E. Monterey Road, Stuart, FL 34996

AND the CONTRACTOR:                 Aquifer Maintenance & Performance Systems, Inc.  
(hereinafter CONTRACTOR)         7146 Haverhill Road N.  
  West Palm Beach, FL 33407

Bid Name:                                    Wellfield Maintenance

Bid Number:                                 RFB2017-2969

Term:   Three (3) years plus two 1-year renewal options

Not to Exceed Amount:                 \$750,000.00

**WHEREAS**, COUNTY has previously determined that it has a need for goods and/or services more specifically outlined in the Request for Bids (RFB) and the Scope of Services; and

**WHEREAS**, COUNTY solicited competitive bids for such services pursuant to the Martin County bid number referenced on Page 1 of this Agreement; and

**WHEREAS**, COUNTY awarded the Bid to CONTRACTOR; and

**WHEREAS**, CONTRACTOR has represented that it is able to satisfactorily provide the services and or materials according to the terms and conditions of the RFB, which is incorporated herein by reference, and the terms and conditions contained herein; and

**NOW THEREFORE**, in consideration of the above and mutual covenants contained herein, the parties agree as follows:

1. **Services to be Performed.** The CONTRACTOR hereby agrees to provide the COUNTY with goods and services, as requested and more specifically outlined in the Scope of Services attached hereto and made a part hereof as Exhibit A, this Agreement and all subsequent official documents that form the Contract Documents for this Agreement, including any additional contract terms contained herein.

2. **Time of Service.** Services shall be performed in a timely manner, as specified in the Request for Bid or as set forth herein.

3. **Term of Agreement/Option of Renewal.** This Agreement shall be in effect from the date of execution and for the term and agreed upon renewal options indicated on Page 1 of this Agreement. This Agreement may be extended subject to execution of a written agreement between the COUNTY and CONTRACTOR for up to 90 additional days beyond the term and agreed upon renewal options. This option shall be exercised only if all prices, terms and conditions remain the same, or decrease.

4. **Amendment of the Agreement.** This Agreement may be amended only by mutual written agreement signed by the parties. No statement, representations, warranties, either written or oral, from whatever source arising, except as expressly stated in this Agreement, shall have any legal validity between the parties or is binding upon any of them. The parties acknowledge that this agreement contains the entire understanding and agreement of the parties. No modifications hereof shall be effective unless made in writing and executed by the parties hereto with the same formalities as this Agreement is executed.

5. **Assignment/Subcontracting.** The CONTRACTOR shall perform all services and provide all goods and equipment required by this Agreement. No assignment or subcontracting shall be allowed without the prior written consent of the COUNTY. In the event of a corporate acquisition and/or merger, the CONTRACTOR shall provide written notice to the COUNTY within thirty (30) business days of CONTRACTOR'S notice of such action or upon the occurrence of said action, whichever occurs first. The right to terminate this Agreement, which shall not be unreasonably exercised by the COUNTY, shall include, but not be limited to, instances in which a corporate acquisition and/or merger represent a conflict of interest or are contrary to any local, state or federal laws. Action by the COUNTY awarding a bid to a bidder, which has disclosed its intent to assign or subcontract in its response to the RFB, without exception shall constitute approval for purpose of this Agreement.

6. **Termination.**

6.1 COUNTY shall notify CONTRACTOR of any failure to comply with any requirement in the Scope of Work and shall notify CONTRACTOR in writing of such failure/default. CONTRACTOR shall correct such failure/default within five (5) working days. COUNTY shall have the right to terminate this Agreement if such correction is not made within the time specified above.

6.2 Failure of the CONTRACTOR to comply with any of the provisions of this Agreement shall be considered a material breach of Agreement and shall be cause for immediate termination of the Agreement at the sole discretion of the COUNTY.

6.3 COUNTY reserves the right to cancel this Agreement, without cause, by giving thirty (30) days prior written notice to the CONTRACTOR of the intention to terminate.

7. **Compensation.** COUNTY shall pay CONTRACTOR upon CONTRACTOR'S completion of, and COUNTY'S acceptance of, the services required herein, in the amounts specified in the Price Schedule attached hereto and made a part hereof as Exhibit A. Prices shall remain firm for the duration of the contract and any renewals or extensions. County shall pay invoices in accordance with Section 218, Florida Statutes (Florida Prompt Payment Act).

8. **Permit/ Licenses.** CONTRACTOR must secure and maintain any and all permits and licenses required to complete this Agreement.

9. **Public Records.**

9.1 CONTRACTOR shall comply with the provisions of Chapter 119, Fla. Stat. (Public Records Law), in connection with this Agreement and shall provide access to public records in accordance with §119.0701, Fla. Stat. and more specifically Contractor shall:

9.1.1. Keep and maintain public records required by the County to perform the Agreement.

9.1.2. Upon request from the County's custodian of public records, provide the County with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, Fla. Stat. or as otherwise provided by law.

9.1.3. Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the Agreement term and following completion of the Agreement if the CONTRACTOR does not transfer the records to the County.

9.1.4. Upon completion of the Agreement, transfer, at no cost, to the County all public records in possession of the CONTRACTOR or keep and maintain public records required by the County to perform the Agreement. If the CONTRACTOR transfers all public records to the County upon completion of the Agreement, the CONTRACTOR shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the CONTRACTOR keeps and maintains public records upon completion of the Agreement, the CONTRACTOR shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the County, upon request from the County's custodian of public records, in a format that is compatible with the information technology systems of the County.

**9.2 IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT (772) 419-6959, public\_records@martin.fl.us, 2401 SE MONTEREY ROAD, STUART, FL 34996.**

9.3 Failure to comply with the requirements of this Article shall be deemed a default as defined under the terms of this Agreement and constitute grounds for termination.

**10. Minimum Insurance Requirement.** The CONTRACTOR must maintain insurance in at least the amounts required throughout the term of this Agreement or any renewals or extensions. The CONTRACTOR must provide a Certificate of Insurance in accordance with the Insurance Requirements and as set forth herein naming the COUNTY as an additional named insured evidencing such coverage prior to issuance of a purchase order or commencement of any work under this Agreement.

- a. Loss Deductible Clause: The COUNTY shall be exempt from, and in no way liable for, any sums of money which may represent a deductible in any insurance policy. The payment of such deductible shall be the sole responsibility of the Contractor and/or subcontractor providing such insurance.
- b. Worker's Compensation Insurance: The Contractor shall take out and maintain during the life of this Agreement, Worker's Compensation Insurance for all of its employees connected with the work of this project and, in case any work is sublet, the Contractor shall require the subcontractor similarly to provide Worker's Compensation Insurance for all of the latter's employees unless such employees are covered by the protection afforded by the Contractor. Such insurance shall comply fully with the Florida Worker's Compensation Law. In case any class of employees engaged in hazardous work under this contract at the site of the project is not protected under the Worker's Compensation statute, the Contractor shall provide, and cause each subcontractor to provide adequate insurance, satisfactory to the COUNTY for the protection of its employees not otherwise protected. Coverage to include Employers Liability \$100,000 each accident, \$100,000 each Disease/Employee and \$500,000 each Disease/Maximum.
- c. Commercial Automobile Liability Insurance: The Contractor shall take out and maintain during the life of this agreement Comprehensive Automobile Liability Insurance for "Any Auto" (owned, hired and non owned) for a minimum of \$1,000,000 Combined Single Limit.
- d. Commercial General Liability Insurance: The Contractor shall take out and maintain during the life of this agreement Commercial General Liability insurance Including coverage for bodily injury, property damage, personal/advertising injury and products/completed operations for negligent acts which may arise from operations under this Agreement whether such operations are alone or by anyone directly or indirectly employed by it. The policy should include Contractual Liability to cover the hold harmless and indemnity provision as set forth in this agreement. A per project limit of

liability is required. The amounts of such insurance shall be the minimum limit as follows:

Each Occurance -	\$1,000,000
Personal/Advertising Injury -	\$1,000,000
Products/Completed Operations Aggregate -	\$2,000,000
General Aggregate -	\$2,000,000
Fire Damage -	\$100,000 and 1 fire
Medical Expense -	\$10,000 any 1 person

- e. Commercial Automobile and General Liability Insurance: The Contractor shall require each of its subcontractors to procure and maintain during the life of this subcontract, insurance of the type specified above or insure the activities of his subcontractors in its policy, as specified above.

**11. Indemnification.** CONTRACTOR shall indemnify and hold harmless the COUNTY and Federal government from all suits, actions or claims of any character brought on account of any injuries or damages received or sustained by any person, person or property by or from the said CONTRACTOR; or by, or in consequence of any neglect in safeguarding the work; or by the use of unacceptable materials in the construction of improvements; or on account of any act or omission, neglect or misconduct of the said CONTRACTOR; or by, or on account of, any claim or amounts recovered under the "Workers Compensation Law" or of any other laws, by-laws, ordinance, order or decree, except only such injury or damage as shall have been occasioned by the sole negligence of the COUNTY. The first ten dollars (\$10.00) of compensation received by the CONTRACTOR represents specific consideration for this indemnification obligation.

**12. Governing Law.** The laws of the State of Florida shall govern this Agreement.

**13. Independent Contractor Status and Compliance with the Immigration Reform and Control Act of 1986.** The CONTRACTOR is and shall remain an independent contractor and is neither agent, employee, partner nor joint venture of COUNTY. CONTRACTOR acknowledges that it is responsible for complying with the provisions of the Immigration Reform and Control act of 1986 located at 8 U.S.C. 1324, et. Seq., and regulations relating thereto, as either may be amended from time to time. Failure to comply with the above provisions shall be considered a material breach and shall be grounds for immediate termination of the Agreement, at the discretion of COUNTY.

**14. Severability.** The terms and conditions of this Agreement shall be deemed to be severable. Consequently, if any clause, term, or condition hereof shall be held to be illegal or void, such determination shall not affect the validity or legality of the remaining terms and conditions, and notwithstanding any such determination, this Agreement shall continue in full force and effect unless the particular clause, term, or condition held to be illegal or void renders the balance of the Agreement to be impossible or performance.

**15. Conflict of Interest.** CONTRACTOR represents that it has no interest and shall acquire no interest(s), which conflict in any manner with the performance of services required hereunder, as provided for in Chapter 112, Part 111, of the Florida Statutes, CONTRACTOR further represents that no person having any interest shall be employed for said performance. CONTRACTOR shall notify COUNTY in writing by certified mail of all potential conflicts of interest for any prospective business association, interest or other circumstance which may influence or appear to influence CONTRACTOR'S judgment or quality of services being provided hereunder. Such written notification

shall identify the prospective business association, interest or circumstance, the nature of work that CONTRACTOR may undertake and request an opinion from COUNTY, the prospective business association, interest or circumstance would not constitute a conflict of interest by CONTRACTOR, COUNTY shall so state in the notification and CONTRACTOR shall, at its option, enter into said association, interest or circumstance and it shall be deemed not in conflict with respect to services provided to COUNTY by CONTRACTOR under the terms of this Agreement.

**16. Documents Comprising Agreement.** The Agreement documents shall include this Agreement as well as the following documents, which are incorporated herein by reference.

- a. Martin County's Request for Bid and all of its addenda and attachments which are part of the RFB set forth above.
- b. Contractor's Certificate of Insurance required in the Request for Bid;
- c. Contractor's response to the RFB or soliciting document.

**17. Dispute Resolution.**

17.1 As a condition precedent to the filing of any legal proceedings, the parties shall endeavor to resolve claim disputes or other matters in question by mediation. Mediation shall be initiated by any party by serving a written request for same on the other party. The party shall, by mutual agreement, select a mediator within 15 days of the date of the request for mediation. If the parties cannot agree on the selection of a mediator then the COUNTY shall select the mediator, who, if selected solely by the COUNTY, shall be a mediator certified by the Supreme Court of Florida. The mediator's fee shall be paid in equal shares by each party to the mediator.

17.2 **Attorney's Fees.** The parties expressly agree that each party will bear its own attorney's fees incurred in connection with this Agreement.

17.3 **Venue.** This Agreement and the terms hereof shall be construed in accordance with the laws of the State of Florida and venue for all actions in a court of competent jurisdiction shall lie in Martin County, Florida.

17.4 **Non-jury trial.** The parties expressly and specifically hereby waive the right to a jury trial as to any issue in any way connected with this Agreement.

17.5 The parties expressly and specifically hereby waive all tort claims and limit their remedies to breach of contract as to any issue in any way connected with this Agreement.

If there is a conflict between the terms of this Agreement and the above referenced documents, then the conflict shall be resolved as follows: the terms of this Agreement shall prevail over the other documents, and the terms of the remaining documents shall be given preference in their above listed order.

IN WITNESS WHEREOF, the COUNTY and the CONTRACTOR have executed this Agreement as of the date first above written.

**REVIEWED BY**

  
\_\_\_\_\_  
John Polley  
Utilities & Solid Waste Director

**BOARD OF COUNTY COMMISSIONERS  
MARTIN COUNTY, FLORIDA**

  
\_\_\_\_\_  
Taryn Kryzda  
County Administrator

**AQUIFER MAINTENANCE &  
PERFORMANCE SYSTEMS, INC.**

  
\_\_\_\_\_  
James Murray  
President

**APPROVED AS TO FORM & LEGAL  
SUFFICIENCY BY COUNTY ATTORNEY**



## EXHIBIT A SCOPE OF SERVICES

Services for production wells and monitor wells, pumps and motors rehabilitation on an as-needed basis.

The goods and/or services listed in this bid are for the purposes of price comparison and are not intended to be all inclusive. The County may add goods and/or services at any time during the term of this Agreement at a cost to be agreed upon by the Vendor and the County.

Hourly rates will be charged from the time the technician arrives at the County facility to the time the technician leaves the County facility. Travel time charges will not be allowed.

All work shall comply with all Federal, State, and local guidelines and regulations.

1. The Contractor will obtain all necessary Florida state and local regulatory permits and follow all of the Florida Departmental Environmental Protection (FDEP) rules when repairing or in development of any type of wells, and reporting the proper paperwork to any government agency in accordance to the rules.
2. Contractor shall submit site specific plan to include equipment, chemicals, mixing ratios and volumes planned for treatment, equipment layout, fluid disposal and cleanup and restoration upon completion. At the conclusion of work the contractor will submit a summary including responsible staff, dates or work, work performed and all chemicals used, quantities and measurements as appropriate as well as observations/recommendations.
3. Removal/abandonment of existing wells shall be per FDEP guidelines.
4. Wellhead and Pump Testing, Inspection and Removal – perform a production pump efficiency test prior to removal to determine pump curve and specific capacity. Information shall be gathered at three points: full, half valve and shut in. GPM, PSI, volts, amps, ohms, sand content, pumping and vibration levels will be recorded at each point. Cleaning and reinstallation of existing or new equipment in accordance with ANSI/AWWA C654-03 Well Disinfection. Onsite wellhead and discharge inspection and cleaning will be performed by pressure cleaning and using a 50 ppm chlorine solution. Consider adding description to line item or referring to line item ...see general comment in email
5. Well Acidification – Contractor must submit a list of all chemicals and the processes to be used in addition to MSDS sheets prior to use. All chemicals used shall be in accordance with all Federal, State and local guidelines and used per EPA directions for wellfield protection approved chemicals and in accordance with ANSI/AWWA C654-03 Well Disinfection. Disposal container shall not be permitted on site and must be disposed of in accordance with EPA guidelines. All chemicals to be NSF approved.
6. Production Pump Removal and Inspection – Pump and associated equipment shall be disassembled, visually inspected and mobilized to Contractor's pump facility. Pump will be digitally photographed, pressure washed and disinfected. Photo copy and inspection condition report with recommendations will be submitted to County project manager.

7. Pump/Motor Maintenance – Assist and perform maintenance of well/pump/motor as directed. Includes pulling pumps/motors such as production well (Surficial and Floridan), clear well and high service pumps. Assist in trouble shooting various problems in the system.
8. Monthly Well Maintenance – Performed per well or wellfield basis as determined by trend data (removed from line items) or as determined by Water Plant Chief Operator. Maintenance includes chlorine injected under pressure into the well, monitoring and testing as required in accordance with ANSI/AWWA C654-03 Disinfection of Wells. A chemical plan shall be submitted with the bid. Chemicals should have a contact time of no less than 6 hours and no more than 48 hours.
9. Well Development - As directed by COUNTY or COUNTY's representative. Airlift development will be performed utilizing direct or reverse air methodology to remove debris and bacteriological sludge followed by direct air using a 600-750 CFM air compressor.
10. Welding Services – the Contractor shall provide on-site welding services including portable spray welding and shall be capable of responding within eight (8) hours after notification. Machine shop welding services are required. All welding is to be performed by a certified welder. In the event that a welder's helper is required prior written approval shall be obtained by the COUNTY and the labor rate allowable shall be 50% of the standard hourly rate bid for welding services.
11. Well Rehabilitation/Repair Video (pre and post rehabilitation) – Includes both downhole and 360 degree color videos. The video shall be transferrable to a DVD or other means and provided to the COUNTY within 5 days of completion of the well rehabilitation/repair. The DVD or other means shall be compatible for playback with any standard TV or computer. The total audio-video recording system and the procedures employed in its use shall be such as to produce a finished product that will complete the technical requirements of the project. The video portion of the recording shall be calibrated to produce an accurate on screen depth display and a bright, sharp, clear picture with accurate colors and shall be free of distortion and imperfection. The audio portion of the recording shall produce the commentary from the camera operator with proper volume, clarity and free from distortion.
12. Chemical Treatment of Well – Well will be equipped with a sealed wellhead including psi gauge, blow off valve, and braden head. Acid blends shall consist of hydrochloric, sulfuric (as an extender), citric (as chelating agent) and chemical additive used to help extend and suspend debris removal (such as Cotey). Percentages of acids to be used will not exceed 10% of total volume injected.
13. Reports - A report shall be generated for each well specifying month and graphing gallons per minute (GPM), static water level, pumping water level, drawdown and resulting specific capacity. An annual report will also be required to show the entire well performance for each well each calendar year. These reports shall be submitted to the Martin County Utilities staff with an electronic submittal required. (not included in line items)
14. Mobilization/demobilization – The maximum charge will be \$500 and shall all activities and associated costs for transportation of the Contractor's personnel, equipment, and operating supplies to the site including large equipment necessary to perform the work.

## **BID FORM NOTES**

The annual estimated quantities shown on the bid form are for bid comparison purposes only. Martin County will not be held to any minimum or maximum quantities.

1. Well drill: Ability to drill reverse and mud rotary
2. Well service rig: Minimum of (20 ton) crane with support vehicle and 3 man crew
3. Pump service rig: Boom truck (15 ton) with support vehicle and a 2 man crew
4. Cement work or demolition: Break up/demo site and remove all debris
5. Onsite welding unit: Certified welder capable of mig, stick, tig and spray welding
6. Machine shop welding: Certified welder capable of mig, stick, tig and spray welding
7. Well pump technician: Certified technician (Flush well, collect data of well, gpm, drawdown of the well, etc)
8. Chlorine treatment: Stabilize with Sodium Hypochlorite will be injected into the well mg/l or PPM, volumes & pH range will be determined on a per well basis. All chemicals shall be NSF approved. Chemicals will be included in price.
9. Specific capacity test, before and after rehabilitation: performed at production GPM
10. Biological Activity Reaction Tests (BART's)
11. Wire to water pump efficiency test
12. Vibration infrared photography analysis
13. Extra sand testing not during well development or pump testing performed with Rossum sand tester
14. Silt density index test (Passing only, SDI less than 3)
15. Well development and redevelopment performed with 600 to 750 CFM Air Compressor
16. Well Abandonment in accordance with SFWMD specifications (includes permit)
17. Pump/Motor retrieval, complete
18. Deep well pump and maintenance
19. Well pump/motor maintenance and/or repairs performed by a certified technician
20. Monthly monitoring of wellfield production of wells: Record static levels, pumping levels, drawdowns, flow volumes, specific capacity, drawdowns, and psi on the wells. Provide a detailed report of all wells.
21. 360 Degree color video survey
22. Dynamic downhole video survey
23. Clean well casing and screen with scraper and brush
24. Well head/pump removal & reinstallation
25. Chemical treatment/Well acidification: Well will be equipped with a sealed well head including PSI gauge, blow off valve, tank & braden. Acid blends shall consist of Hydrochloric, sulfuric (as an extender), citric (as a chelating agent) and chemical (used to elp extend and suspend debris removal). Percentage of acids to be used will exceed 10% of total volume injected. All chemicals to be NSF approved. All chemicals will be included in the price.
26. Water storage tank residual cleaning: robotically while tank remains in service, or out of service. All AWWA rules shall apply
27. Flow meter maintenance and calibration: performed by a SFWMD certified technician
28. Mobilize & Demobilize of equipment (max \$500)

## **CONTRACTOR RESPONSIBILITIES**

## **A. Coordination**

1. The Contractor shall coordinate with the Martin County's Chief Plant Operator (CPO), Treatment Plant Manager (TOM), or Treatment Plant Administrator (TPA), or their designee (County project manager) to ensure that all scheduling meets all deadlines and needs.
2. The Contractor shall dedicate a project manager, whom will be directly responsible for the management of MCU service needs.
3. The Contractor shall provide a secondary staff member to assist in the absence of the project manager.
4. The Contractor shall not perform any work unless approved by the TPA, TOM, or CPO.
5. The Contractor shall provide an invoice for services in a timely manner, and provide a detailed monthly Microsoft Excel report list to Martin County staff members. This will allow county staff to monitor work services, and track a dollar amount of those services.
6. In acts of God, such as fires, floods, hurricanes, or other circumstances beyond control, the Contractor shall use best professional practices to avoid delays or failures in performance.

## **B. Details of materials, schedule, and transportation**

1. All chemical costs will be at the cost of the Contractor.
2. All transportation costs shall be included in the bid, excluding significant "large equipment" where a flat fee of \$500 per job will be included.
3. The County reserves the right to request the Contractor to return to the job site for any warranty work in reasonable time period.
4. If applicable Contractor shall remove and/or reinstall fencing to the original condition at a cost to be determined per job and agreed to in advance by the County.

## **C. Preparation and submittal of reports**

1. Reports shall be prepared and delivered to Martin County's Treatment Plant Administrator via email, or hand delivered in a routine turnaround basis. Other staff member may be added to the distribution list over a period of time.
2. All paperwork / reports shall be delivered in a portable document format (PDF), and hard copies must be sent to the TPA for payment verification.
3. Analysis and reports provided shall be prepared in a professional manner and suitable for review.

## **MINIMUM QUALIFICATIONS**

1. All work shall be performed by an established, qualified and licensed contractor. All technicians shall be certified as required to perform described work. All work shall comply with all applicable governmental regulations, customary quality standards, and accepted good practice for the type work being performed.
2. A Bidder Qualification Statement must be submitted with the bid. The contact person must be someone who has personal knowledge of the bidder's performance for the specific requirement listed. Contact person must be informed that they are being used as a reference and that the County may be calling them. DO NOT list persons who are unable to answer specific questions regarding the requirement.
3. The contractor is required to be a qualified CEU instructor capable of providing annual operator training classes to utility staff on well maintenance related to annual wellfield reports.
4. The successful bidder shall provide a copy of Standard Operating Procedures (SOP) for a well, pump and motor rehabilitation services produced by the company specifically for the County's scope of work.
5. Provide a list of equipment and facilities available to perform the work.
6. The bidder must provide written evidence (copies of current licenses/certifications) that show that the firm (bidder) or a principal in the firm is licensed to contract the scope of work in Martin County including state well contractor license and welding certification.
7. The Contractor's functional operation site / satellite office shall be able to respond to Martin County within 3 hours of notifying the vendor.

EXHIBIT B  
RFB2017-2969  
WELLFIELD MAINTENANCE  
(ADDENDUM #1)

Item No.	Description	Est Qty	Unit	Unit Cost	Total Cost
1	Drill and install 2" surficial aquifer monitor well include gravel pack. development	1	FT	\$ 38.05	\$ 38.05
2	Well service rig	224	HR	\$ 198.00	\$ 44,352.00
3	Pump service rig	180	HR	\$ 125.00	\$ 22,500.00
4	Cement work or demolition	16	HR	\$ 45.00	\$ 720.00
5	Onsite welding unit	8	HR	\$ 75.00	\$ 600.00
6	Machine shop welding	16	HR	\$ 45.00	\$ 720.00
7	Well pump technician	208	HR	\$ 85.00	\$ 17,680.00
8	Chlorine treatment	104	EA	\$ 275.00	\$ 28,600.00
9	Specific capacity test	38	HR	\$ 55.00	\$ 2,090.00
10	Biological Activity Reaction Tests (BART's)	11	EA	\$ 325.00	\$ 3,575.00
11	Wire to water pump efficiency test	6	EA	\$ 25.00	\$ 150.00
12	Vibration infrared photography analysis	6	EA	\$ 100.00	\$ 600.00
13	Extra sand testing	6	EA	\$ 40.00	\$ 240.00
14	Silt density index test	12	EA	\$ 135.00	\$ 1,620.00
15	Well development and redevelopment	116	HR	\$ 180.00	\$ 20,880.00
16	Well Abandonment	8	HR	\$ 115.00	\$ 920.00
17	Pump/Motor retrieval	8	HR	\$ 135.00	\$ 1,080.00
18	Deep well pump and maintenance	24	HR	\$ 150.00	\$ 3,600.00
19	Well pump/motor maintenance and/or repairs	8	HR	\$ 85.00	\$ 680.00
20	Monthly monitoring of wellfield production of wells	312	EA	\$ 110.00	\$ 34,320.00
21	360 Degree color video survey	12	EA	\$ 1,000.00	\$ 12,000.00
22	Dynamic downhole video survey	6	EA	\$ 1,800.00	\$ 10,800.00
23	Clean well casing and screen	6	EA	\$ 850.00	\$ 5,100.00
24	Well head/pump removal & reinstallation	12	EA	\$ 1,900.00	\$ 22,800.00
25	Chemical treatment/Well acidification	6	EA	\$ 2,000.00	\$ 12,000.00
26	Water storage tank residual cleaning	1	EA	\$ 6,000.00	\$ 6,000.00
27	Flow meter maintenance and calibration	6	EA	\$ 295.00	\$ 1,770.00
28	Mobilization/demobilization (max \$500)	12	EA	\$ 500.00	\$ 6,000.00

**TOTAL BID \$ 261,435.05**

**CHECK TOTALS! The County is not responsible for mathematical errors.**

**INSTRUCTIONS**

Bids must be received no later than the date and time stated in the Advertisement. Bids received after that time & date will not be considered.

This form must be returned with bid. Bids on any other form will not be accepted.

Aquifer Maintenance & Performance Systems, Inc.  
Company Name

7146 Haverhill Road N.  
Street Address


West Palm Beach, FL 33407  
City, State, Zip

(561) 494-2844  
Telephone

James Murray  
Name of Authorized Representative (Print)

President  
Title

ampsilp@gmail.com  
E-mail Address

  
Authorized Signature

# **Tenth Order of Business**

# Placeholder for Consideration of Lift Station Repairs



# **Eleventh Order of Business**

**11A.**

## **WORK AUTHORIZATION 138**

NO. GT-151080

Pursuant to the provisions contained in the "Contract for Professional Engineering Consulting and Design-Build Services on a Continuing Contract Basis " between the CORAL SPRINGS IMPROVEMENT DISTRICT, hereinafter referred to as "OWNER", and Globaltech, Inc., hereinafter referred to as "FIRM", dated July 1, 2012 (hereinafter referred to as "AGREEMENT"), this Work Authorization, executed this \_\_\_\_ day of \_\_\_\_\_ 2018, authorizes the FIRM to provide services under the terms and conditions set forth herein and in the AGREEMENT, which is incorporated herein by reference as though set forth in full.

The OWNER desires design-build services related to the Ground Storage Tank Hydraulic Assessment, hereinafter referred to as the "Specific Project".

### **Section 1 – Terms**

The FIRM shall be defined as an individual, corporation or contractor having a direct contract with the OWNER or with any other subcontractor in the performance of a part of the work contracted for under the terms of this Work Authorization with the OWNER.

### **Section 2 – Scope of Work**

The FIRM will provide the following services in accordance with Sections 1 and 2 of the AGREEMENT:

OWNER wishes to have an assessment performed on the hydraulic connectivity between the three groundwater storage tanks for the Water Treatment Plant to determine what improvements can be made to equalize the flow into and out of the tanks.

## Background

The water plant has three ground storage tanks (GSTs) with capacities of 0.75 million gallons (MG), 1.0 MG, and 4 MG. The 0.75 MG and 1 MG GSTs are located closest to the transfer pumps that fill them with treated water while the 4 MG GST is furthest away. The 0.75 MG and 1 MG GSTs are also located closest to the high service pumps (HSPs) that withdraws water for the distribution system while the 4.0 MG GST is furthest away. Because of their proximity to the transfer and HSPs pumps the 4 MG GST is likely being short-circuiting by the 0.75 and 1 MG GSTs. Short-circuiting is also likely occurring inside each tank because some of the tanks fill and withdraw from the bottom of the tank. This can create temperature stratification within the tank resulting in only the bottom portion of the tank exchanging water which can lead to reduction of chlorine residuals and increased water age within the tank.

OWNER has asked that FIRM conduct a hydraulic assessment of the ground storage tanks to determine if the short-circuiting between the tanks and within the tanks can be reduced by modifying the inlet and outlets of the tanks. A hydraulic model will be conducted simulating how the tanks are filled and drained to evaluate flow conditions in and out of the tanks. Different inlet and outlet configurations will be examined to see if the flow between the tanks can be equalized. Passive mixing using the inlet and outlet of the tanks will be explored with a tank mixing company to see if improvements can be made to improve the mixing of within the tanks to reduce temperature stratification.

The results of the assessment will provide recommended modifications to the inlet and outlet configurations as well as proposed methods to improve mixing within the tanks.

## **Scope**

The work generally consists of an engineering evaluation of the hydraulics of the storage tank system. The work will consist of:

### **Task 1 – Project Management and Data Gathering**

The FIRM will coordinate with the OWNER via site visits and review meetings. The following site and review meetings are anticipated:

- Site meeting(s) to discuss scope of study and gather data on the system.
- Meet with OWNER to review draft reports.

### **Task 2 – Engineering Services**

The following engineering services are proposed by the FIRM:

- Gather data on tanks, transfer pumps, and high service pumps. OWNER to provide drawings for tank and pumps. OWNER to provide any recent tank inspection reports.
- Develop hydraulic model for tanks.
- Conduct hydraulic model runs for existing system and potential improvements to the system that would reduce water age in the tank and promote mixing within the tanks due to the proximity of the pumps.
- Contact vendors to discuss potential mixing alternatives in the tank to limit short circuiting and stratification in the tank.
- Prepare technical memorandum with findings, recommendations, and order of magnitude costs.

### **Task 3 – Construction of Improvements**

THERE IS NO CONSTRUCTION PROVIDED UNDER THIS WA

## **Assumptions**

Assumptions for the project are as follows:

- OWNER shall provide access to equipment and structures to the FIRM and representatives of the FIRM when required.

## **Section 3 – Location**

The services to be performed by the FIRM shall be on the following site or sites:

### **Coral Springs Improvement District:**

**0.75 MG Ground Storage Tank**

**1.0 MG Ground Storage Tank**

**4.0 MG Ground Storage Tank**

## **Section 4 – Project Reference**

The OWNER desired services to be performed by the FIRM shall be referred to as the Ground Storage Tank Hydraulic Assessment.

## **Section 5 – Deliverables**

The FIRM will provide the following Deliverables to OWNER:

- Four (4) copies of Ground Storage Tank Assessment.
- Technical memorandum with summary of hydraulic assessment assumptions and results, schematic drawing of proposed piping modifications, proposed mixing equipment and construction cost estimates.

## **Section 6 - Time of Performance**

Project will commence after execution of this Work Authorization and a Notice to Proceed is issued by OWNER. The FIRM and OWNER agree to the following schedule:

Task	Time Elapsed to Subtask Completion
Notice to Proceed (NTP)	0 Days
Data Gathering	15 Days after issuance of NTP
Hydraulic Assessment	30 Days following issuance of NTP
Schematic drawing of Piping Improvements	45 Days following issuance of NTP
Construction Cost Estimate	45 Days following issuance of NTP
Final Report	60 Days following issuance of NTP

### Section 7 - Method and Amount of Compensation

1. The FIRM shall be paid by the OWNER in accordance with the Florida's Prompt Payment Act Florida Statute 218.70-79 and in accordance with the payment method as set forth in Section 6 of the AGREEMENT. The calculations shall begin using the date the invoice was received.
2. Total job price: **\$15,600**. No allowance is included in the proposed fee.
3. The fee for the above scope of services is based on a Lump Sum (LS) agreement. The LS is based on methods and assumptions presented in the scope of services. The LS shall not be greater than the stated amount unless there is an approved increase in the scope of services.
4. A Budget Summary for the above LS is provided in **Attachment A**.

### Section 8 – Responsibilities

The FIRM shall, under no circumstance, look to the OWNER to provide any labor or equipment for the FIRM. The FIRM shall provide all of the labor and equipment necessary to perform the job or services contracted for at the expense of the FIRM. Property of any kind that may be on the premises, which are the site of the performance of this contract, during the performance of this Work Authorization, shall be at the sole risk of the FIRM.

- 8.1** The OWNER hereby designates Joe Stephens as the OWNER's representatives.

**8.2** In addition to applicable provisions of Section 2 of the AGREEMENT, the OWNER will:

- Provide copies of existing drawings and equipment cut sheets if requested by FIRM
- Provide assistance accessing electrical equipment.

The FIRM acknowledges and understands that it is an independent contractor in its relationship with the OWNER. The FIRM hereby designates Troy Lyn as the FIRM's representative.

### **Section 9 – Insurance**

The FIRM shall provide certificate of insurance to the OWNER setting forth the type and amount of insurance carried by the FIRM and conforming to the minimum requirements set forth in the AGREEMENT.

### **Section 10 – Level of Service**

The OWNER shall have the right to terminate said Agreement by giving the FIRM thirty (30) days written notice if the service that is being provided is not maintained at levels necessary to provide the required service. The OWNER will determine in its sole judgment what constitutes a satisfactory level of service.

### **Section 11 – Indemnification**

The Firm shall indemnify and hold harmless the Owner and its officers and employees as set forth in Section 11 of the Agreement.



IN WITNESS WHEREOF, this Work Authorization, consisting of seven (7) pages and Attachment A has been caused fully executed on behalf of the FIRM by its duly authorized officer, and the OWNER has the same to be duly name and in its behalf, effective as of the date herein above written.

(SEAL)

**CORAL SPRINGS IMPROVEMENT DISTRICT**

ATTEST:

\_\_\_\_\_  
President

\_\_\_\_\_  
Printed name of Witness

\_\_\_\_\_  
Printed name

\_\_\_\_\_  
Date

Approved as to form and legality

\_\_\_\_\_  
Printed name of Witness

\_\_\_\_\_  
District Counsel

\_\_\_\_\_  
Printed name of Witness

State of Florida  
County of Palm Beach

**ENGINEER**

\_\_\_\_\_  
Company – Globaltech, Inc.

The foregoing instrument was acknowledged before me on this

\_\_\_ day of \_\_\_\_\_, 2018 by

\_\_\_\_\_  
Signature

\_\_\_\_\_  
who is personally known to me OR produced \_\_\_\_\_ as identification.

Troy L. Lyn, P.E. / Vice President  
Name and title (typed or printed)

April 16, 2018  
Date

\_\_\_\_\_  
Signature of Notary

**Attachment A**  
**Budget Summary**

## ATTACHMENT A

### Engineering Budget -Ground Storage Tank Hydraulic Assessment

#### Engineering Budget Summary

Task	Task Description	E6	E4	E2	E1	CADD	Adm 3	Adm 1	Total Labor	Expense/ Subconsul. Fee	Expense/ Subconsul.
		\$175.00	\$150.00	\$125.00	\$85.00	\$85.00	\$75.00	\$50.00			
1	Project Management and Subcontract Coordination										
	Project Management	12					4	2			
	Data Gathering	4		8	8						
	<b>Subtotal Task 1</b>	<b>16</b>	<b>0</b>	<b>8</b>	<b>8</b>	<b>0</b>	<b>4</b>	<b>2</b>	<b>\$ 4,880.00</b>		
2	Engineering Services										
	Hydraulic Analysis	4		6	16						
	Tank Mixer Vendor Solicitations			4	4						
	Proposed Modification Schematic	2		6	4	8					
	Construction Cost Estimate	2	8	2	2						
	Technical Memorandum	4		12	8			2			
	<b>Subtotal Task 2</b>	<b>12</b>	<b>8</b>	<b>30</b>	<b>34</b>	<b>8</b>	<b>0</b>	<b>2</b>	<b>\$ 10,720.00</b>		
	Labor Subtotal Hours	28	8	38	42	8	4	4			
	Labor Subtotal	\$4,900	\$1,200	\$4,750	\$3,570	\$680	\$300	\$200	\$15,600		
	<b>Labor Total</b>								<b>\$ 15,600.00</b>		
	Subconsultant Labor Total									\$ -	
	Subconsultant Multiplier									1.12	
	<b>Subcontract Total</b>									\$ -	
	<b>PROJECT TOTAL</b>									<b>\$ 15,600.00</b>	

**11B.**

## **WORK AUTHORIZATION**

CSID WA No. 139

Globaltech No. 151080

Pursuant to the provisions contained in the "Contract for Professional Engineering Consulting and Design-Build Services on a Continuing Contract Basis " between the CORAL SPRINGS IMPROVEMENT DISTRICT, hereinafter referred to as "OWNER", and Globaltech, Inc., hereinafter referred to as "FIRM", dated July 1, 2012 (hereinafter referred to as "AGREEMENT"), this Work Authorization authorizes the FIRM to provide services under the terms and conditions set forth herein and in the AGREEMENT, which is incorporated herein by reference as though set forth in full.

The OWNER desires design-build services related to Diesel Supply Line Replacement, hereinafter referred to as the "Specific Project".

### **Section 1 – Terms**

FIRM shall be defined as an individual, corporation or contractor having a direct contract with the OWNER or with any other subcontractor in the performance of a part of the work contracted for under the terms of this Work Authorization with the OWNER.

### **Section 2 – Scope of Work**

The OWNER maintains an 8,000-gallon buried diesel tank located on the north side of the high service pump building. The tank was originally installed in the mid-1980s and had minor piping improvements performed in 2012. The tank's original mission was to supply fuel to the plant's emergency generator. The generator has since been replaced and relocated. The tank now services as a backup to the new generator and also to serve the diesel motor on Service Pump No. 7 (HSP-7).

During recent operation, it was observed that the transfer pumps (located at the main diesel generator) became starved of fuel when attempting to draw from the 8,000-gallon fuel tank. A model was conducted on the piping configuration which indicated that the ¾-inch supply line was too small to support the main generator. To alleviate this condition and to provide adequate fuel supply, the ¾-inch piping must be upgraded to 2-inch diameter pipe. The OWNER has requested a proposal from FIRM to remove and replace the existing ¾-inch black-iron pipe and replace it with an appropriately sized supply line.

### **Task 1 – Engineering Services**

This task includes project management and engineering services required to complete the project.

#### **Engineering and Project Management**

1. Attend preliminary scoping meetings with the OWNER to review the project scope and piping constraints.
2. Conduct Kick-Off meeting with the OWNER to review the preliminary design parameters and overall project schedule.
3. Collect pre-construction video and photographs of the construction areas and the adjacent properties.
4. Locate and size all piping and fittings between the 8,000-diesel tank, the day tank for HSP-7, and the main generator transfer pumps located adjacent to the water treatment plant.
5. Conduct a hydraulic model on the piping and pumping system to support the design of the replacement diesel supply line.
6. Meet with the OWNER, to discuss the proposed plan and pipe size.
7. Contact Broward County Environmental Resources regarding permitting requirements.
8. If necessary, prepare schematic sketch of piping modifications and equipment list to support minor permit modification to fuel storage facility.
9. Coordinate material and equipment purchase.

10. Schedule and conduct meetings, inspections, and testing with OWNER's staff.
11. Attend progress meetings and coordination meetings
12. Conduct walkthrough with OWNER to review final installation.
13. Prepare submittal to owner for piping and valves.

### **Task 2 – Construction Services**

This task entails removing approximately 125 feet of  $\frac{3}{4}$ -inch diameter black iron pipe and replacing with 2-inch diameter piping from the buried 8,000 diesel tank to the supply line junction with the 1  $\frac{1}{4}$ -inch diameter pipe. The work, in general consists of executing the following series of steps: (on two separate occasions):

1. Isolate piping and lock out transfer motors.
2. Empty and inert existing  $\frac{3}{4}$ -inch piping.
3. Remove  $\frac{3}{4}$ -inch supply piping from buried 8,000-gallon diesel tank to 1- $\frac{1}{4}$  – inch diameter supply line intersection.
4. Install new 2-inch diameter drop pipe with foot valve into existing 8,000-gallon diesel tank.
5. Install 2-inch black-iron pipe within fiberglass carrier pipe from access hatch above tank to north wall of high service pump building (approximately 35 feet).
6. Run 2-inch black iron-pipe along north wall of high service pump building using existing concrete blocks and Unistrut.
7. Tie into 1  $\frac{1}{4}$ - inch diameter Tee-connection at intersection of 1- $\frac{1}{4}$  - inch diameter piping connecting to the main generator.
8. Dispose of piping in a regulatorily acceptable manner.
9. Paint and label all above ground piping to match existing.
10. Open system and perform leak test during operation.
11. Install new Sonix UL-1000 Series Level Sensor with display mounted to north wall of High Service Pump Building.

## **Assumptions**

Assumptions for the project are as follows:

- Neither design nor record drawings will be prepared.
- It is assumed that work will be conducted under the auspices of maintenance. Should a permit modification be required, FIRM will access allowance to fund permit preparation and permitting fee.
- An Allowance of \$1,500 is included in this Work Authorization to cover permit preparation and permitting fees. The Allowance will be accessed only after authorization by OWNER.
- An Operations and Maintenance manual will be prepared for the Sonix UL1000 ultrasonic level indicator.
- Working hours will be Monday through Friday from approximately 8:00 AM until 5:00 PM.
- Power will be available from the leak detection circuit. A unique / independent circuit will not be run for the Sonix UL1000.

## **Section 3 – Location**

The services to be performed by the FIRM shall be at the Water Treatment Plant within and on the north side of the High Service Pump Building.

## **Section 4 – Deliverables**

The FIRM will provide the following Deliverables to OWNER:

- Submittals for piping, replacement valves and Sonix UL1000.
- Minor modification to fuel storage facility permit – if required.
- Construction Improvements as described (approximately 125 feet of 2-inch diameter diesel supply lines) and ultra-sonic level detector.

## **Section 5 – Time of Performance**

Project will commence after execution of this Work Authorization and a Notice to Proceed is issued by OWNER. The FIRM and OWNER agree to the following schedule:



<b>Task</b>	<b>Time Elapsed to Completion</b>
Notice to Proceed (NTP)	0 Days
Permitting	30 Days after NTP
Substantial Completion Construction of Improvements	90 Days after NTP
Final Completion	105 Days after NTP

**Section 6 – Method and Amount of Compensation**

1. The FIRM shall be paid by the OWNER in accordance with the Florida’s Prompt Payment Act Florida Statute 218.70-79 and in accordance with the payment method as set forth in Section 6 of the AGREEMENT. The calculations shall begin using the date the invoice was received.
2. Total job price: **\$37,760**
3. On the terms contained in the FIRM’s said proposal for the doing of said work and the said award therefore, and the specifications herein specifically referred to and made a part of this contract.
4. The cost for the above scope of services is a lump sum (LS). The LS is based on the materials, methods, and assumptions presented in the scope of services and may be adjusted based on final detail design and alternative selections or omissions. The LS shall not be greater than the stated amount unless there is an approved increase in the scope of services.
5. A Budget Summary for the above LS is provided in Attachment A.

**Section 7 – Application for Progress Payment**

1. Unless otherwise prescribed by law, at the end of each month, the FIRM shall submit to the OWNER for review, an Application for Progress Payment filled out and signed by the FIRM covering the Work completed as of the date of the Application and accompanied by such supporting documentation as is required by the AGREEMENT.
2. The Application for Progress Payment shall identify the amount of the FIRM Total Earnings to Date based upon value of original contract Work performed to date as approved by fully executed Change Orders.
3. Payment shall be based upon percentage of work completed based upon the approved schedule of values. Retainage in the amount of 10% will be

withheld on the calculated value of any work, with the exception of stored materials which may be paid at the supplier's invoiced cost. At FIRM's request, after 50% completion of the work has been achieved, the OWNER will implement a reduction in retainage to 5% of all future pay requests. If retainage is reduced, FIRM may not withhold more than 5% retainage from subcontractors or suppliers and will be required to certify compliance with F.S. 218.70 *et seq* on each subsequent pay application. Notwithstanding the foregoing, in no instance can the amount retained be less than the value of OWNER's good faith claims plus the value of the work the OWNER determines remains to be put in place or required to be performed as remedial activities. For the purposes of this section, 50% completion shall be that point in time when OWNER determines that half of the Work required by the Contract has been completed. In no event shall the Work be determined to be 50% completed before the OWNER has paid 50% of the Contract amount and 50% of the Contract time has expired. The amount of previous Pay Estimate payments shall then be subtracted to equal the Balance Due during the Pay Estimate period.

4. When the OWNER reduces the retainage to five percent (5%), FIRM must obtain the written consent of the Surety Companies furnishing the required Public Construction Bond on consent forms provided by the OWNER. The OWNER may reinstate the retainage up to ten percent (10%) if the OWNER determines, at its discretion, that the FIRM is not making satisfactory progress toward final completion of the Work or where there is other specific cause for such withholding.
5. Partial payment may be made for the delivered cost of stored materials planned for incorporation into the Work, provided such materials meet the requirements of this Contract, the Contract Drawings, and the Specifications, and are delivered and suitably stored at the project site, or at another location acceptable to the OWNER. Such material must be stored in a secure manor acceptable to the OWNER, and in accordance with the manufacturer's recommendations.

6. The delivered cost of such stored or stockpiled materials may be included in any subsequent application for payment provided the FIRM meets the following conditions:
  - a. An applicable purchase order or supplier's invoice is provided listing the materials in detail, the cost of each item, and identifies this specific contract by name.
  - b. The materials are fully insured against loss or damage (from whatever source) or disappearance prior to incorporation into the Work.
  - c. Stored materials approved for payment by the OWNER shall not be removed from the designated storage area except for incorporation into the Work.
  - d. Evidence that the FIRM has verified quantity and quality of the materials delivered (verified packing list).
7. It is further agreed between the parties that the transfer of title and the OWNER's payment for any stored or stockpiled materials pursuant to these General Conditions, and any applicable provisions of the Supplementary General Conditions, shall in no way relieve the FIRM of the responsibility of ensuring the correctness of those materials and for furnishing and placing such materials in accordance with the requirements of this Contract, the Contract Drawings, the Technical Specifications, and any approved changes thereto.
8. The following monthly Application for Progress Payment shall be accompanied by Bills of Sale, copies of paid invoices, releases of lien, or other documentation warranting that the FIRM has received the stored materials and equipment free and clear of all liens, charges, security interests, and encumbrances (which are hereinafter in these General Conditions referred to as "Liens") and evidence that the stored materials and equipment are covered by appropriate property insurance and other arrangements to protect the OWNER's interest therein, all of which shall be satisfactory to the OWNER.

9. The FIRM shall warrant and guarantee that title to all Work, materials, and equipment covered by an Application for Progress Payment, whether incorporated in the Work or not, will pass to the OWNER no later than the time of Final Payment free and clear of all liens or other encumbrances.
10. Progress Payments shall be made in accordance with the Local Government Prompt Payment Act. In the event any dispute with respect to any payment or pay request cannot be resolved between the FIRM and OWNER's project staff, FIRM may, in accordance with the alternative dispute resolution requirements of Florida Statute section 218.72, *et seq*, demand in writing a meeting with and review by the OWNER'S (agency) director. In the absence of the agency director, a deputy director may conduct the meeting and review. Such meeting and review shall occur within ten (10) business days of receipt by OWNER of FIRM's written demand. The OWNER's manager, shall issue a written decision on the dispute within ten (10) business days of such meeting. This decision shall be deemed the OWNER's final decision for the purposes of the Local Government Prompt Payment Act.
11. The OWNER may refuse to make payment of the full amount because claims have been made against the OWNER on account of the FIRM's performance of the Work, or because Liens have been filed in connection with the Work, or there are other items entitling the OWNER to a credit against the amount recommended, but the OWNER must give the FIRM written notice within twenty (20) business days after the date on which the invoice is stamped as received which specifies the invoice deficiency and any action necessary to make the invoice complete and proper.

### **Section 8 – Responsibilities**

The FIRM shall, under no circumstance, look to the OWNER to provide any labor or equipment for the FIRM. The FIRM shall provide all of the labor and equipment

necessary to perform the job or services contracted for at the expense of the FIRM. Property of any kind that may be on the premises, which are the site of the performance of this contract, during the performance of this Work Authorization, shall be at the sole risk of the FIRM.

**8.1** The OWNER hereby designates Joe Stephens as the OWNER's representative.

**8.2** In addition to applicable provisions of Section 2 of the AGREEMENT, the OWNER will:

- Provide copies of existing drawings and equipment cut sheets if requested by FIRM
- Pay for any required permit fees

The FIRM acknowledges and understands that it is an independent contractor in its relationship with the OWNER. The FIRM hereby designates Rick Olson as the FIRM's representative.

### **Section 9 – Insurance**

The FIRM shall provide certificate of insurance to the OWNER setting forth the type and amount of insurance carried by the FIRM and conforming to the minimum requirements set forth in the AGREEMENT.

### **Section 10 – Level of Service**

The OWNER shall have the right to terminate said Agreement by giving the FIRM thirty (30) days written notice if the service that is being provided is not maintained at levels necessary to provide the required service. The OWNER will determine in its sole judgment what constitutes a satisfactory level of service.

### **Section 11 – Indemnification**

The Firm shall indemnify and hold harmless the Owner and its officers and employees as set forth in Section 11 of the Agreement.

IN WITNESS WHEREOF, this Work Authorization, consisting of ten (10) pages and Attachment A has been caused fully executed on behalf of the FIRM by its duly authorized officer, and the OWNER has the same to be duly name and, in its behalf, effective as of the date herein above written.

**CORAL SPRINGS IMPROVEMENT DISTRICT**

\_\_\_\_\_  
Signature of Witness

\_\_\_\_\_  
Signature of President

\_\_\_\_\_  
Printed name of Witness

Dr. Marty Shank  
Printed Name of President

\_\_\_\_\_  
Date

Approved as to form and legality

\_\_\_\_\_  
District Counsel

**FIRM**

State of Florida  
County of Palm Beach

\_\_\_\_\_  
Company

The foregoing instrument was  
acknowledged before me on this

\_\_\_ day of \_\_\_\_\_, 2017 by

\_\_\_\_\_  
Signature

\_\_\_\_\_  
who is personally known to me OR  
produced \_\_\_\_\_  
as identification.

Troy Lyn, P.E., Vice President  
Name and Title (typed or printed)

\_\_\_\_\_  
Signature of Notary

April 16, 2018  
Date

# **Attachment A**

## **Budget Summary**

Takeoff Worksheet  
 Coral Springs Improvement District  
 151080 - CSID - Diesel Fuel Line Replacement

		Unit	Quantity	Ext. Price
Task	<b>1 Project Management and Coordination</b>			
	Project Management	LS	1	\$ 1,400.00
	Subcontractor Procurement	LS	1	\$ 2,100.00
	Project Meetings and Summaries	LS	1	\$ 350.00
	Submittals	LS	1	\$ 525.00
	Project Closeout and O & M Manual	LS	1	\$ 525.00
				<u>\$ 4,900.00</u>
Task	<b>2 Data Gathering and Hydraulic Modeling</b>			
	Data Gathering	LS	1	\$ 1,400.00
	Conduct Hydraulic Model	LS	1	\$ 3,200.00
				<u>\$ 4,600.00</u>
Task	<b>3 Construction Oversight and Project Closeout</b>			
	Subcontractor Oversight	LS	1	\$ 2,400.00
				<u>\$ 2,400.00</u>
Task	<b>4 Petroleum Contractor</b>			
	Lutz Petroleum Equipment Installations	LS	1	\$ 21,750.00
	Bid Item Total			<u>\$ 21,750.00</u>
Task	<b>5 Subcontractor Markup</b>			
	Subcontractor Markup			\$ 2,610.00
	Bid Item Total			<u>\$ 2,610.00</u>
Task	<b>6 Permitting Allowance</b>			
	Permitting preparation and fee			\$ 1,500.00
	Bid Item Total			<u>\$ 1,500.00</u>



**11C**

## **WORK AUTHORIZATION**

CSID WA No. 141

Globaltech No. 151084

Pursuant to the provisions contained in the "Contract for Professional Engineering Consulting and Design-Build Services on a Continuing Contract Basis " between the CORAL SPRINGS IMPROVEMENT DISTRICT, hereinafter referred to as "OWNER", and Globaltech, Inc., hereinafter referred to as "FIRM", dated July 1, 2012 (hereinafter referred to as "AGREEMENT"), this Work Authorization authorizes the FIRM to provide services under the terms and conditions set forth herein and in the AGREEMENT, which is incorporated herein by reference as though set forth in full.

The OWNER desires design-build services related to the CSID WWTP Package Plant D Repairs, hereinafter referred to as the "Specific Project".

### **Section 1 – Terms**

FIRM shall be defined as an individual, corporation or contractor having a direct contract with the OWNER or with any other subcontractor in the performance of a part of the work contracted for under the terms of this Work Authorization with the OWNER.

### **Section 2 – Scope of Work**

In late November 2017, Package Plant D suffered structural damage sufficient to render it inoperable. CSID contracted with the FIRM to evaluate Package Plant D to determine the cause of the damage and make a recommendation for repairs. The FIRM submitted a CSID Clarifier D Tank Assessment Report in February 2018. The FIRM concluded that when the clarifier section was drained for maintenance, a hydraulic imbalance between the empty center clarifier section and the nearly full surrounding aeration section caused the clarifier section to float, pulling out all the clarifier wall anchor bolts, breaking the clarifier floor and

damaging the clarifier mechanism. The scope of this Work Authorization is based on the work recommended to repair the damaged package plant. In addition to repair of the damaged components, CSID also desires the package plant internals to be recoated.

The existing steel clarifier wall appears to be in satisfactory condition although it needs to be re-attached to the floor and it may also need to be moved over slightly to keep the rake mechanism in the center of the tank. There are also a few small deteriorated sections of the clarifier wall that need repair. Additional anchor brackets will be welded to the existing wall and the wall will be re-attached to the existing sub-slab with double the number of anchor bolts. The new anchor bolts will be 316 stainless steel epoxy-anchor style, 3/4" in diameter with a 6" embed depth. New wall anchors will be welded to the inside of the clarifier wall to aid with concrete anchorage to the clarifier floor slab.

The Clarifier rake arms suffered significant damage and must be replaced. It is not clear if the drive was damaged but given its age, it is recommended to replace it rather than have it re-built. The center column and cage, skimmer arms, scum box, influent well, feed piping and walkway appear to be in satisfactory condition although damage may be discovered after the rake arms are removed and the equipment is thoroughly inspected with the equipment manufacturer (WesTech). This Work Authorization will include costs for replacing these items. The associated funds will be returned to the OWNER if it is determined some of these items do not need to be replaced.

The partially broken sloped clarifier floor will be carefully removed. It is important to not damage the sub-slab during demolition work. A new sloped concrete floor will be constructed. The new clarifier floor will be fully reinforced with rebar steel and structurally attached to the existing concrete sub-slab and the existing steel clarifier outer wall. The dimensions of the new clarifier floor slab will match the

existing with the top 3" constructed with grout. The sub-floor RAS piping will be replaced.

The concrete baffle wall in the aeration section was damaged and pulled away from both the clarifier wall and the exterior wall of the aeration section. This wall also provides the support for the emergency man-lift support bracket. The wall will be replaced with a new structural wall. The emergency man-lift will be relocated to the new wall. A new walkway and/or stairs will be installed to provide access to the man-lift location without climbing over handrails or piping and an aluminum platform will be constructed at the man-lift location.

All new steel equipment will be coated to match existing. Damaged existing coatings inside Package Plant D will be spot repaired.

Some of the PVC diffuser piping and aeration diffusers were also damaged. It is assumed that up to 15% of the diffusers and diffuser piping will need to be repaired or replaced. The damaged floor in this area will be repaired. The scum piping will be re-aligned and a new flexible coupling installed on the piping.

The FRP weirs will be replaced. The steel baffles will be modified so that the overlap does not catch the skimmer arms. The chlorine spray piping will be modified so that the nozzles do not spray onto the tank walls. The damaged steel sections of the trough wall will be repaired. It is assumed that up to 10 square feet of wall repairs will be required.

### **Task 1 – Engineering Services**

This task includes project management and engineering services required to complete the project.

## **Engineering and Project Management**

1. Attend preliminary scoping meetings with the OWNER to assist in preliminary design parameters and overall scope.
2. Arrange for the clarifier mechanism manufacturer (WesTech) perform a site visit to determine the condition of the existing clarifier mechanism and recommend replacement parts.
3. Prepare preliminary design drawings and submit five (5) sets to the OWNER. Drawings will be provided in half-size (11"x17") format.

Anticipated drawings include the following:

- a. Cover/Site Location
  - b. General Mechanical/Civil Sheet
  - c. Site Plan
  - d. Demolition Plan
  - e. Clarifier Plan and Profile
  - f. Miscellaneous Details
  - g. Standard Details
  - h. Structural Drawings
  - i. Clarifier Floor Plan
  - j. Clarifier Floor Section and Details
  - k. Structural Details
  - l. Structural Details
4. Meet with the OWNER, to discuss the preliminary design review comments.
  5. Incorporate the preliminary design review comments into a final design drawing set. Submit five (5) sets of final design half-size drawings to the OWNER.
  6. Prepare and submit a letter notification of the planned work to the Broward County Health Department (BCHD).
  7. Prepare detailed construction schedule to include as a minimum; design, site mobilization, detailed construction activities, scheduled shut

- downs and durations, equipment/material delivery times, testing, and startup and commissioning.
8. Coordinate material and equipment purchase and subcontractors.
  9. Review, administer, and track equipment submittals.
  10. Schedule and conduct meetings, inspections, and testing with OWNER's staff.
  11. Attend progress meetings and coordination meetings
  12. Assist the OWNER with periodic construction progress submittals associated with the grant program.
  13. Oversee construction activities enforcing the conditions of the design.
  14. Conduct Substantial Completion inspection. Develop punch-list items in association with OWNER.
  15. Conduct Final Completion inspection meeting and site walk through with OWNER.
  16. Prepare record drawings. Record drawings will include as-built elevations and coordinates of fittings, Record drawings will be delivered to the OWNER in AutoCAD file format, Adobe PDF, and three (3) copies of 11" X 17" half-size drawings.

## **Task 2 – Construction Services**

This task entails constructing the repair work detailed above. The work, in general consists of the following:

1. Demolish the existing sloped clarifier floor slab.
2. Remove the clarifier rake arms, drive and skimmer arms.
3. Prepare for the clarifier mechanism manufacturer's site inspection.
4. Weld new anchor brackets to outside of clarifier wall. Anchor down the clarifier wall to the sub-slab. The clarifier wall may need to be moved slightly to keep the mechanism in the center of the tank.
5. Replace sub-floor RAS piping.

6. Construct a new sloped reinforced concrete clarifier floor slab. Anchor the new sloped floor to the sub-slab and the clarifier tank wall.
7. Remove the clarifier rake arms, skimmer arms and drive. Remove other mechanism components identified by the tank manufacturer as needing to be replaced.
8. Install new clarifier rake arms and drive. Install any other mechanism components identified by the tank manufacturer as needing to be replaced.
9. Spot paint damaged coatings.
10. Replace the clarifier weirs and modify the clarifier baffles.
11. Modify chlorine spray piping.
12. Install final 3-inches of grout on sloped clarifier floor slab and level it using the clarifier rake arms.
13. Restore site to match existing.

### **Assumptions**

Assumptions for the project are as follows:

- No lighting or electrical modifications (other than those specifically included in the Scope of Work) are included.
- Working hours will be Monday through Friday from approximately 8:00 AM until 5:00 PM.
- OWNER will pay the permit fees.
- OWNER will provide onsite restroom, storage and office facilities. The OWNER's waste hauling services will be used to dispose of all waste, including construction debris.
- This authorization assumes that all of the mechanism components, including the walkway will need to be replaced. After removal of the clarifier rake arms, skimmer arms and drive, if the manufacturer's inspection determines that some or all of the other mechanism components do not need to be replaced, the associated funds will be returned to the OWNER.

- No modifications will be made to the handrail or walkway grating, other than the work associated with the new platform for the man-lift.
- An allowance of \$75,000 is included with this project. Allowance is only to be accessed with OWNER's written approval. Unused portion of allowance to be credited back to OWNER. Allowance is in place for use at the OWNER's discretion for additional work or for unforeseen conditions.

**Section 3 – Location**

The services to be performed by the FIRM shall be at the CSID Wastewater Treatment Plant.

**Section 4 – Deliverables**

The FIRM will provide the following Deliverables to OWNER:

- Preliminary and final design drawings.
- Submittals for materials/equipment.
- Construction Improvements
- Record Drawings of Improvements

**Section 5 – Time of Performance**

Project will commence after execution of this Work Authorization and a Notice to Proceed is issued by OWNER. The FIRM and OWNER agree to the following schedule:

<b>Task</b>	<b>Time Elapsed to Completion</b>
Notice to Proceed (NTP)	0 Days
Preliminary Design	45 Days after NTP
Final Design	120 Days after NTP
Construction of Improvements	330 Days after NTP

**Section 6 – Method and Amount of Compensation**

1. The FIRM shall be paid by the OWNER in accordance with the Florida's Prompt Payment Act Florida Statute 218.70-79 and in accordance with the



payment method as set forth in Section 6 of the AGREEMENT. The calculations shall begin using the date the invoice was received.

2. Total job price: **\$1,445,731.40.**
3. On the terms contained in the FIRM's said proposal for the doing of said work and the said award therefore, and the specifications herein specifically referred to and made a part of this contract.
4. The cost for the above scope of services is a lump sum (LS), not to exceed. The LS is based on the materials, methods, and assumptions presented in the scope of services and may be adjusted based on final detail design and alternative selections or omissions. The LS shall not be greater than the stated amount unless there is an approved increase in the scope of services.
5. A Budget Summary for the above LS is provided in Attachment A.

### **Section 7 – Application for Progress Payment**

1. Unless otherwise prescribed by law, at the end of each month, the FIRM shall submit to the OWNER for review, an Application for Progress Payment filled out and signed by the FIRM covering the Work completed as of the date of the Application and accompanied by such supporting documentation as is required by the AGREEMENT.
2. The Application for Progress Payment shall identify the amount of the FIRM Total Earnings to Date based upon value of original contract Work performed to date as approved by fully executed Change Orders.
3. Payment shall be based upon percentage of work completed based upon the approved schedule of values. Retainage in the amount of 10% will be withheld on the calculated value of any work, with the exception of stored materials which may be paid at the supplier's invoiced cost. At FIRM's request, after 50% completion of the work has been achieved, the OWNER will implement a reduction in retainage to 5% of all future pay requests. If retainage is reduced, FIRM may not withhold more than 5% retainage from subcontractors or suppliers and will be required to certify compliance with F.S. 218.70 *et seq* on each subsequent pay application. Notwithstanding

the foregoing, in no instance can the amount retained be less than the value of OWNER's good faith claims plus the value of the work the OWNER determines remains to be put in place or required to be performed as remedial activities. For the purposes of this section, 50% completion shall be that point in time when OWNER determines that half of the Work required by the Contract has been completed. In no event shall the Work be determined to be 50% completed before the OWNER has paid 50% of the Contract amount and 50% of the Contract time has expired. The amount of previous Pay Estimate payments shall then be subtracted to equal the Balance Due during the Pay Estimate period.

4. When the OWNER reduces the retainage to five percent (5%), FIRM must obtain the written consent of the Surety Companies furnishing the required Public Construction Bond on consent forms provided by the OWNER. The OWNER may reinstate the retainage up to ten percent (10%) if the OWNER determines, at its discretion, that the FIRM is not making satisfactory progress toward final completion of the Work or where there is other specific cause for such withholding.
5. Partial payment may be made for the delivered cost of stored materials planned for incorporation into the Work, provided such materials meet the requirements of this Contract, the Contract Drawings, and the Specifications, and are delivered and suitably stored at the project site, or at another location acceptable to the OWNER. Such material must be stored in a secure manor acceptable to the OWNER, and in accordance with the manufacturer's recommendations.
6. The delivered cost of such stored or stockpiled materials may be included in any subsequent application for payment provided the FIRM meets the following conditions:
  - a. An applicable purchase order or supplier's invoice is provided listing the materials in detail, the cost of each item, and identifies this specific contract by name.

- b. The materials are fully insured against loss or damage (from whatever source) or disappearance prior to incorporation into the Work.
  - c. Stored materials approved for payment by the OWNER shall not be removed from the designated storage area except for incorporation into the Work.
  - d. Evidence that the FIRM has verified quantity and quality of the materials delivered (verified packing list).
7. It is further agreed between the parties that the transfer of title and the OWNER's payment for any stored or stockpiled materials pursuant to these General Conditions, and any applicable provisions of the Supplementary General Conditions, shall in no way relieve the FIRM of the responsibility of ensuring the correctness of those materials and for furnishing and placing such materials in accordance with the requirements of this Contract, the Contract Drawings, the Technical Specifications, and any approved changes thereto.
8. The following monthly Application for Progress Payment shall be accompanied by Bills of Sale, copies of paid invoices, releases of lien, or other documentation warranting that the FIRM has received the stored materials and equipment free and clear of all liens, charges, security interests, and encumbrances (which are hereinafter in these General Conditions referred to as "Liens") and evidence that the stored materials and equipment are covered by appropriate property insurance and other arrangements to protect the OWNER's interest therein, all of which shall be satisfactory to the OWNER.
9. The FIRM shall warrant and guarantee that title to all Work, materials, and equipment covered by an Application for Progress Payment, whether incorporated in the Work or not, will pass to the OWNER no later than the time of Final Payment free and clear of all liens or other encumbrances.

10. Progress Payments shall be made in accordance with the Local Government Prompt Payment Act. In the event any dispute with respect to any payment or pay request cannot be resolved between the FIRM and OWNER's project staff, FIRM may, in accordance with the alternative dispute resolution requirements of Florida Statute section 218.72, *et seq*, demand in writing a meeting with and review by the OWNER'S (agency) director. In the absence of the agency director, a deputy director may conduct the meeting and review. Such meeting and review shall occur within ten (10) business days of receipt by OWNER of FIRM's written demand. The OWNER's manager, shall issue a written decision on the dispute within ten (10) business days of such meeting. This decision shall be deemed the OWNER's final decision for the purposes of the Local Government Prompt Payment Act.
11. The OWNER may refuse to make payment of the full amount because claims have been made against the OWNER on account of the FIRM's performance of the Work, or because Liens have been filed in connection with the Work, or there are other items entitling the OWNER to a credit against the amount recommended, but the OWNER must give the FIRM written notice within twenty (20) business days after the date on which the invoice is stamped as received which specifies the invoice deficiency and any action necessary to make the invoice complete and proper.

### **Section 8 – Responsibilities**

The FIRM shall, under no circumstance, look to the OWNER to provide any labor or equipment for the FIRM. The FIRM shall provide all of the labor and equipment necessary to perform the job or services contracted for at the expense of the FIRM. Property of any kind that may be on the premises, which are the site of the performance of this contract, during the performance of this Work Authorization, shall be at the sole risk of the FIRM.

**8.1** The OWNER hereby designates Tim Martin as the OWNER's representative.

**8.2** In addition to applicable provisions of Section 2 of the AGREEMENT, the OWNER will:

- Provide copies of existing drawings and equipment cut sheets if requested by FIRM
- Pay for any required permit fees

The FIRM acknowledges and understands that it is an independent contractor in its relationship with the OWNER. The FIRM hereby designates David Schuman as the FIRM's representative.

### **Section 9 – Insurance**

The FIRM shall provide certificate of insurance to the OWNER setting forth the type and amount of insurance carried by the FIRM and conforming to the minimum requirements set forth in the AGREEMENT.

### **Section 10 – Level of Service**

The OWNER shall have the right to terminate said Agreement by giving the FIRM thirty (30) days written notice if the service that is being provided is not maintained at levels necessary to provide the required service. The OWNER will determine in its sole judgment what constitutes a satisfactory level of service.

### **Section 11 – Indemnification**

The Firm shall indemnify and hold harmless the Owner and its officers and employees as set forth in Section 11 of the Agreement.

IN WITNESS WHEREOF, this Work Authorization, consisting of thirteen (13) pages and Attachment A has been caused fully executed on behalf of the FIRM by its duly authorized officer, and the OWNER has the same to be duly name and in its behalf, effective as of the date herein above written.

**CORAL SPRINGS IMPROVEMENT DISTRICT**

\_\_\_\_\_  
Signature of Witness

\_\_\_\_\_  
Signature of President

\_\_\_\_\_  
Printed name of Witness

Dr. Marty Shank  
Printed Name of President

\_\_\_\_\_  
Date

Approved as to form and legality

\_\_\_\_\_  
District Counsel

**FIRM**

State of Florida  
County of Palm Beach

\_\_\_\_\_  
Company

The foregoing instrument was  
acknowledged before me on this

\_\_\_ day of \_\_\_\_\_, 2018 by

\_\_\_\_\_  
Signature

\_\_\_\_\_  
who is personally known to me OR  
produced \_\_\_\_\_  
as identification.

Troy Lyn, P.E., Vice President  
Name and Title (typed or printed)

\_\_\_\_\_  
Signature of Notary

\_\_\_\_\_  
Date

# **Attachment A**

## **Budget Summary**

**Coral Springs Improvement Dist  
151084 CSID Plant D Repair**

Assembly#	Part#	Description	Unit	Quantity	Ext. Price
<b>Job: 151084 CSID Plant D Repair</b>					
<b>Bid Item: 1 General Conditions</b>					
1		Temporary Facilities	LOT		
		Job Site Office Supplies	LOT	1.00	1,219.00
		Sanitary	MONTH	9.00	1,316.52
		Waste Hauling	LOT	1.00	9,873.90
2		General Conditions	LOT		
		Submittal Labor	HR	80.00	7,387.77
		O&M	HR	20.00	1,846.94
		Progress Meeting	HR	96.00	10,949.45
		Scheduling Labor	HR	48.00	4,432.66
		Construction PM	HR	200.00	18,469.43
		Construction Superintendent	HR	200.00	16,143.86
		Purchasing & Subcontracts	HR	80.00	7,387.77
		Office Admin	HR	160.00	8,084.14
<b>Bid Item Totals:</b>					<b>87,111.44</b>
<b>Bid Item: 2 Sitework</b>					
		MOB/DEMOB	LOT	1.00	7,795.20
		Site Restoration	LOT	1.00	18,285.00
<b>Bid Item Totals:</b>					<b>26,080.20</b>
<b>Bid Item: 3 Concrete</b>					
		Remove Existing Tank Floor			
		Concrete Cutting	LOT	1.00	4,664.00
		Demo Floor Concrete	CR-D	12.00	25,166.65
		Demo Existing Baffle Wall	CR-D	2.00	4,194.44
		Removal & Disposal of Existing Concrete	TON	700.00	11,946.20



Continued...

Assembly#	Part#	Description	Unit	Quantity	Ext. Price
		Install New Floor Concrete			
		Forms & Materials	LOT	1.00	41,446.00
		Cast In Place Concrete	YD	390.00	85,573.80
		Concrete Pump	LOT	4.00	3,413.20
		Install	CR-D	18.00	37,749.97
		Install Grouting			
		Grout	CY	40.00	14,628.00
		Concrete Pump	LOT	4.00	3,413.20
		Mis Materials	LOT	1.00	4,600.00
		Install	CR-D	5.00	10,486.10
		Install New Baffle Wall			
		Form & Materials	LOT	1.00	4,876.00
		Cast In Place Concrete	YD	16.00	3,510.72
		Concrete Pump	LOT	1.00	853.30
		Install	CR-D	10.00	20,972.21
		Concrete Repair Works at Aeration Basin	LOT	1.00	6,996.00
		Testing Services (Concrete)	LOT	1.00	8,250.00
				<b>Bid Item Totals:</b>	<b>292,739.79</b>
<b>Bid Item:</b>	<b>5</b>	<b>Misc Metals</b>			
		Clarifier Mechanisms & Coating	LOT	1.00	264,157.30
		Remove Exist. & Install New Clarifier Mechanisms	CR-D	45.00	94,374.93
		Misc Metals & Fasteners	LOT	1.00	6,095.00
		Piping Spray Nozzles	LOT	1.00	8,167.30
		Install	CR-D	3.00	6,291.66
		Install Plates & Anchors Around Outside Wall (QTY125)	LOT	1.00	39,528.50
		Install SS 316 Anchors & Epoxy (Aporx. 250 each)	LOT	1.00	15,237.50

Continued...

Assembly#	Part#	Description	Unit	Quantity	Ext. Price
		Repair Clarifier Wall Trough (Max 10 SQ FT)	LOT	1.00	5,692.50
		Repair Clarifier Wall (Max 20 SQ FT)	LOT	1.00	11,385.00
		Install Wall Anchors Embeds	LOT	1.00	7,515.20
		Walkway and Handrail Mods	LOT	1.00	14,230.70
				<b>Bid Item Totals:</b>	<b>472,675.59</b>
<b>Bid Item:</b>	<b>6</b>	<b>Plastics and Composites</b>			
		FRP Effluent Weirs & Baffles	LOT	1.00	19,149.27
		Install	CR-D	18.00	37,749.97
				<b>Bid Item Totals:</b>	<b>56,899.24</b>
<b>Bid Item:</b>	<b>9</b>	<b>Finishes</b>			
		Coatings (Field Touch Up Painting)	LOT	1.00	27,500.00
				<b>Bid Item Totals:</b>	<b>27,500.00</b>
<b>Bid Item:</b>	<b>15</b>	<b>Mechanical</b>			
		RAS Piping			
		10" DI RAS Piping	LOT	1.00	6,095.00
		Removal & Install	CR-D	3.00	4,545.23
		Diffuser Replacement			
		Diffuser & Diffuser Piping Repairs	LOT	1.00	21,942.00
		Replace & Install	CR-D	15.00	18,764.61
		Misc Piping/Supports	LOT	1.00	4,876.00
		4-Man Crew	CR-D	3.00	4,545.23
				<b>Bid Item Totals:</b>	<b>60,768.07</b>
<b>Bid Item:</b>	<b>16</b>	<b>Electrical</b>			
		Electrical Sub (Disconnect/Reconnect)	LOT	1.00	23,452.00
		Electrical Assistance	CR-D	2.00	2,501.95
		Construction PM (Elec/I&C)	HR	16.00	1,113.18

Continued...

Assembly#	Part#	Description	Unit	Quantity	Ext. Price
				<b>Bid Item Totals:</b>	<b>27,067.13</b>
<b>Bid Item:</b>	<b>18</b>	<b>Rental Equipment</b>			
		Fork Lift	Month	6.00	35,472.90
		Crane	HR	120.00	29,256.00
		Manlift	MO	2.00	12,190.00
		Light Plant	MO	2.00	2,157.63
		Confined Space Equipment	LOT	1.00	6,095.00
		Misc Tools & Equipment	LOT	1.00	4,266.50
		Equipment Fuel	GAL	400.00	1,950.40
		Equipment Pick Up & Delivery	EA	4.00	1,950.40
		Safety Equipment	LOT	1.00	2,065.73
		Safety	HR	24.00	2,216.33
				<b>Bid Item Totals:</b>	<b>97,620.89</b>
<b>Bid Item:</b>	<b>25</b>	<b>Allowance</b>			
		Allowance	LOT	1.00	75,000.00
				<b>Bid Item Totals:</b>	<b>75,000.00</b>
<b>Bid Item:</b>	<b>50</b>	<b>Engineering/Record Drawing</b>			
		Engineering	LOT	1.00	193,997.60
				<b>Bid Item Totals:</b>	<b>193,997.60</b>
<b>Bid Item:</b>	<b>60</b>	<b>Bond, Insurance &amp; Certifications</b>			
		Bonds & Certifications	LOT	1.00	28,271.45
				<b>Bid Item Totals:</b>	<b>28,271.45</b>
				<b>Grand Totals:</b>	<b>1,445,731.40</b>

**11D**

## **WORK AUTHORIZATION – AMENDMENT No. 1**

CSID WA No. 118.1

Globaltech No. 155102

Pursuant to the provisions contained in the "Contract for Professional Engineering Consulting and Design-Build Services on a Continuing Contract Basis " between the CORAL SPRINGS IMPROVEMENT DISTRICT, hereinafter referred to as "OWNER", and Globaltech, Inc., hereinafter referred to as "FIRM", dated July 1, 2012 (hereinafter referred to as "AGREEMENT"), this Work Authorization authorizes the FIRM to provide services under the terms and conditions set forth herein and in the AGREEMENT, which is incorporated herein by reference as though set forth in full.

The OWNER desires design-build services related to the CSID/Margate Interconnect, hereinafter referred to as the "Specific Project".

### **Section 1 – Terms**

No Change.

### **Section 2 – Scope of Work**

No Change.

### **Section 3 – Location**

No Change.

### **Section 4 – Deliverables**

No Change.

### **Section 5 – Time of Performance**

No Change.

## **Section 6 – Method and Amount of Compensation**

Section 6 had the following modification:

- Change in total job price from **\$480,456.00 to \$460,456.00.**
- Change in job price reflects the **unspent allowance of \$20,000.00.**

## **Section 7 – Application for Progress Payment**

No Change.

## **Section 8 – Responsibilities**

No Change.

## **Section 9 – Insurance**

No Change.

## **Section 10 – Level of Service**

No Change.

## **Section 11 – Indemnification**

No Change.

IN WITNESS WHEREOF, this Work Authorization, consisting of three (3) pages and Attachment A has been caused fully executed on behalf of the FIRM by its duly authorized officer, and the OWNER has the same to be duly name and, in its behalf, effective as of the date herein above written.

**CORAL SPRINGS IMPROVEMENT DISTRICT**

\_\_\_\_\_  
Signature of Witness

\_\_\_\_\_  
Signature of President

\_\_\_\_\_  
Printed name of Witness

Dr. Marty Shank  
Printed Name of President

\_\_\_\_\_  
Date  
Approved as to form and legality

\_\_\_\_\_  
District Counsel

**FIRM**

State of Florida  
County of Palm Beach

Globaltech, Inc  
Company

The foregoing instrument was  
acknowledged before me on this

\_\_\_ day of \_\_\_\_\_, 2018 by

\_\_\_\_\_  
Signature

\_\_\_\_\_  
who is personally known to me OR  
produced \_\_\_\_\_  
as identification.

Troy Lyn, P.E., Vice President  
Name and Title (typed or printed)

\_\_\_\_\_  
Signature of Notary

\_\_\_\_\_  
Date

**11E**



## **WORK AUTHORIZATION 124 – AMENDMENT No. 1**

CSID WA No. 124.1

NO. GT-155106

Pursuant to the provisions contained in the "Contract for Professional Engineering Consulting and Design-Build Services on a Continuing Contract Basis " between the CORAL SPRINGS IMPROVEMENT DISTRICT, hereinafter referred to as "OWNER", and Globaltech, Inc., hereinafter referred to as "FIRM", dated July 1, 2012 (hereinafter referred to as "AGREEMENT"), this Work Authorization authorizes the FIRM to provide services under the terms and conditions set forth herein and in the AGREEMENT, which is incorporated herein by reference as though set forth in full.

The OWNER desires design-build services related to the Effluent Pump Station Electrical Improvements, hereinafter referred to as the "Specific Project".

### **Section 1 – Terms**

No Change.

### **Section 2 – Scope of Work**

No Change.

### **Section 3 – Location**

No Change.

### **Section 4 – Project Reference**

No Change.

### **Section 5 – Deliverables**

- No Change.

**Section 6 - Time of Performance**

No Change.

**Section 7 - Method and Amount of Compensation**

Section 7 has the following modifications:

- Change in total job price from **\$338,553.23 to \$323,481.23.**
- Change in job price reflects the **unspent allowance of \$15,072.00.**

**Section 8 – Responsibilities**

No Change.

**Section 9 – Insurance**

No Change.

**Section 10 – Level of Service**

No Change.

**Section 11 – Indemnification**

No Change.

IN WITNESS WHEREOF, this Work Authorization, consisting of three (3) pages and Attachment A has been caused fully executed on behalf of the FIRM by its duly authorized officer, and the OWNER has the same to be duly name and, in its behalf, effective as of the date herein above written.

(SEAL)

**CORAL SPRINGS IMPROVEMENT DISTRICT**

ATTEST:

\_\_\_\_\_  
President

\_\_\_\_\_  
Printed name of Witness

\_\_\_\_\_  
Printed name

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

Approved as to form and legality

\_\_\_\_\_  
Printed name of Witness

\_\_\_\_\_  
District Counsel

\_\_\_\_\_  
Printed name of Witness

State of Florida  
County of Palm Beach

**ENGINEER**

\_\_\_\_\_  
Company – Globaltech, Inc.

The foregoing instrument was  
acknowledged before me on this

\_\_\_ day of \_\_\_\_\_, 2018 by

\_\_\_\_\_  
Signature

\_\_\_\_\_  
who is personally known to me OR  
produced \_\_\_\_\_  
as identification.

\_\_\_\_\_  
Troy L. Lyn, P.E. / Vice President  
Name and title (typed or printed)

\_\_\_\_\_  
Signature of Notary

\_\_\_\_\_  
Date

# **Thirteenth Order of Business**

**RESOLUTION 2018 –9**

**A RESOLUTION OF THE BOARD OF SUPERVISORS OF  
THE CORAL SPRINGS IMPROVEMENT DISTRICT  
DEDICATING THE MARJORY STONEMAN DOUGLAS  
PARK TO THE GENERAL PUBLIC**

**WHEREAS**, the Board of Supervisors of the Coral Springs Improvement District met on April 16, 2018 at its regularly scheduled Board meeting, and,

**WHEREAS**, District staff reported to the Board that the District owns a parcel of vacant land along Southwest 120th Avenue approximately .40 of an acre in size which is suitable for designation as a passive park for public use, and,

**WHEREAS**, the District Board has previously expressed its sympathy and support for residents of Parkland and particularly parents, families and friends of the students of Marjory Stoneman Douglas who were wounded or killed in the recent shooting, and,

**WHEREAS**, the District Board has determined that it is appropriate to dedicate the park at Southwest 120<sup>th</sup> Avenue to the residents of Coral Springs and Parkland in honor of the Marjory Stoneman Douglas High School by naming the park, The Marjory Stoneman Douglas Memorial Park.

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF SUPERVISORS OF THE CORAL SPRINGS IMPROVEMENT DISTRICT, THAT:**

1. The Park parcel located along Southwest 120<sup>th</sup> Avenue is hereby dedicated and named The Marjory Stoneman Douglas Memorial Park.

**DONE AND ORDERED** this 16<sup>th</sup> day of April, 2018.

ATTEST:

BOARD OF SUPERVISORS OF THE CORAL  
SPRING IMPROVEMENT DISTRICT

\_\_\_\_\_  
Kenneth G. Cassel, Assistant Secretary

By: \_\_\_\_\_  
Dr. Martin Shank, President

APPROVED AS TO FORM:

\_\_\_\_\_  
Terry E. Lewis, General Counsel  
Lewis, Longman and Walker, P.A.

# **Fourteenth Order of Business**

**14B.**

**PROJECTS UNDER CONTRACT**

**WA #118 – Margate Interconnect – Complete**

**WA #124 – Effluent Pump Station Electrical Improvements – Complete**

**WA #128 – Sodium Hypochlorite Tank 1 & 3 Replacement – In Progress**

- Authorization approved by Board – 10/23/17
- Delivery scheduled week of 4/30/18.

**WA #129 - Fluoride System Replacement – In Progress**

- Authorization approved by Board – 10/23/17
- Set up temporary system / Demo existing system
- Formed and poured concrete pads and retaining wall
- Installed Fluoride analyzer
- Ordered tanks and scales

**WA #131- HSP 7 Modifications – In Progress**

- Approved by Board – 1/22/18
- Memo of understanding approved – 3/16/18
- Completed modeling of high service pump system
- Evaluate alternatives for HSP 7

**WA #132 – PW No. 6 - VFD Installation – In Progress**

- Approved by Board – 1/22/18
- Control panel ordered March 30, 2018
- Concrete slab extended at PW 6
- Expected equipment delivery by mid-June.

**WA #133 - Facility Arc-Flash Study – In Progress**

- Prepared subcontract for Larry Smith & Associates.
- Delivered updated DIS pump station record drawings
- Preparing electrical systems models
- Preparing short circuit and arc flash calculations
- Project approximately 3 weeks behind schedule.

**WA #134 – PW No. 9 – Redevelopment – In Progress**

- Approved by Board – 2/26/18.
- Field work to begin 4/12/18 and last approximately 3 weeks.



**Globaltech, Inc.**  
**CSID Engineer's Report**  
**April 16, 2018**

**PROJECTS UNDER CONTRACT (Cont.)**

**WA #135 – DIW 20-inch Valve Replacement – In Progress**

- Approved by Board – 3/16/18
- Cut sheets approved 4/11
- Valves ordered 4/13 with anticipated delivery by 5/25/18.

**WA #136 – DIW Buried Valve Replacement – In Progress**

- Approved by Board – 3/16/18
- Exploratory excavation performed 4/11 to confirm valve sizes and connections
- Valves will be ordered by 4/20 with anticipated delivery by 5/25.

**PROJECTS UNDER DEVELOPMENT**

**WA #137 – High Service Pump Modifications (No. 1 & 2) – on May Board**

- Modeled high service pump system under WA 141 MOU
- Developing alternatives and costs for HSP 1 & 2

**WA #138 – Ground Storage Tank Hydraulic Assessment – April Board**

**WA #139 – Generator Diesel Fuel Line Replacement – April Board**

**WA #140 - DIW Monitor Well Replacement – May Board**

**WA #141 – Plant D Repair – April Board**

**WA #142 – Site 12 Canal Bank Restoration – Under Development**

- Met with Metro Equipment 3/01 to develop restoration approach and cost estimate.

**14C.**

**Coral Springs Improvement District**  
**Utility Billing Work Orders**

<b>2018</b>	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	TOTAL
<i>Customer Inquiry requiring work order</i>	42	33	27										102
<i>Mis-Reads</i>	1	1	0										2
<i>Meter Calibration Tests</i>	0	0	0										0

**Coral Springs Improvement District**  
**Utility Billing Work Orders**

<b>2017</b>	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	TOTAL
<i>Customer Inquiry requiring work order</i>	24	27	25	38	35	34	26	30	33	29	15	23	339
<i>Mis-Reads</i>	0	1	1	0	0	0	0	0	1	0	1	0	4
<i>Meter Calibration Tests</i>	0	0	0	0	0	0	0	0	0	0	0	0	0

**Coral Springs Improvement District**  
**Utility Billing Work Orders**

<b>2016</b>	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	TOTAL
-------------	-----	-----	-----	-----	-----	------	------	-----	------	-----	-----	-----	-------



## April Report to the Board of Directors for the Water Plant

### Report Includes Updates through 4/4/2018

#### **Well maintenance piggyback opportunity**

We have been piggybacking off of a contract that AMPS has in place with the City of Sunrise since we started our well maintenance program. This contract expires in October of this year without any available renewals. AMPS currently has a contract in place with Martin County which was executed on 8/8/2017 and is good for three years with two optional one year renewals. The costs for maintenance are less than what they are on the Sunrise contract and we should save approximately \$17,000/yr. if this were approved. The same guarantees in well performance apply.

#### **Train one's recent performance decline**

In early February the salt passage started to slowly increase in the permeate coming from the second stage. We began monitoring it closely and by early March it was well above tolerable levels. This train was due for a cleaning which was already scheduled. We performed the cleaning and the salt rejection did not improve in the second stage like it did in the first.

At this point we all agreed that the next best step was to send two membranes in for testing. The results were that the two we sent were perfect and undamaged. We profiled and probed the vessels in the second stage and determined that the issue was at the tail end of the vessel and that the first 4 or 5 membranes in each of the second stage's vessels seemed fine.

They then recommended that we send two others in from a different location in the train which we shipped out on 4/2. Once we receive those results we should know exactly what we are dealing with and how to rectify it. We are obtaining quotes for some of the adapters that will be needed if we have to replace a few membranes so that we can resolve the issue expeditiously.

This train can be run at a lower recovery with slightly less bypass and produce the same exceptional water quality that it always has while we are working to resolve the issue.

## **Ground Storage Tank hydraulic evaluation (W.A. #138)**

We have been working around some differences in the turnover of the ground storage tanks for a few years. This causes fluctuations in the water quality from tank to tank (short circuiting). We added funds to the budget this year to resolve this issue. The first part of this project is to develop a hydraulic model which will highlight where our issue is and point us in the right direction as to how to resolve it. This WA #138 is for the evaluation only. A second WA will follow with the costs and methods specified to make the repairs.

## **Train feed motor bearings**

We have decided to perform testing on the harmonics coming from the VFD's to these motors since the bearings are wearing faster than they should be. This test was performed by Pedro and Nico from Globaltech on 4/2. Based on the results in the report we will decide on a path forward. We have already identified options for either test result.

## **Fluoridation system upgrade (Grant)**

Globaltech has ordered the majority of the equipment needed for this project. We received our signed permit from the Broward County Health Department on March 9th. We worked with Globaltech to temporarily relocate our existing feed system so that they can begin demolition and construction in the room. The temporary system is up and running and we were only without fluoride for 2 days. They have completed demolition in the room and have built the forms for the containment wall and pads. The concrete is scheduled to be poured on 4/5. They will now work on installing and starting up the new analyzer as well as trenching the route to the new injection point location. The project is moving along quickly now.



## **Hypochlorite tank replacements**

Work authorization #128 which is to replace our two older hypochlorite tanks was approved at the October meeting. Globaltech ordered the tanks on January 18th and expects them to arrive onsite in mid-April. They will then schedule their crews to begin the install, one tank at a time.

## **Consumer Confidence Report**

Gemini allowed access to their site on 2/28 to begin working on our report. We submitted our first draft to them the next day! We have received comments back from the Health Department, after submitting our first draft, and made changes based on some of their requests. We sent the final draft back to them for approval on 4/3. Once approved they will be printed and shipped to us so that we can mail them out. We must have them delivered to every resident no later than July 1<sup>st</sup>. We are way ahead of schedule.

## **FSAWWA best tasting drinking water competition**

We have once again competed in the best tasting drinking water competition which is organized by the Florida Section of the American Water Works association. This year it took place on March 27<sup>th</sup> and 24 utilities in our region competed. We came in 3<sup>rd</sup> place along with the other 22 utilities that were not first or runner up. All joking aside it is a very popular event and the winners brag about it for years after everywhere that they can.

## **Projects with Globaltech**

- Hypochlorite tank replacement – WA 128 approved in October. Underway
- Fluoridation system upgrade- WA 129 approved in November. Underway
- High service pump #7 flushing line- WA 131 letter of understanding for the shift in direction approved in March. Underway
- Adding a VFD to well 6 –WA 132 approved in January. Underway
- Rehabilitation of well 9 – WA 134 approved in February. Underway
- Replacement of high service pump #2- WA to be presented after the HSP system eval.
- Storage tank influent corrections- WA for a hydraulic analysis to be presented at the April meeting. A WA for the actual repairs will follow
- Underground diesel tank transfer lines upgrade- WA to be presented at the April meeting

Coral Springs Improvement District  
Wastewater Department Report  
April 2018 Board Meeting

## **Ongoing Projects**

Globaltech has notified the District that they are progressing with the following approved work authorizations (WA):

### **WA# 124 – Effluent Pump Station Electrical Improvements**

- This project will be closed once Coral Springs Improvement District receives the record drawings.

### **WA # 133– Arc Flash Study**

- Contractor was onsite on February 28, 2018 and March 1, 2018, to collect Electrical Data Information. The Electrical Data Information has been entered into the Modeling Software. The Modeling Software calculates many things including Arc Flash Incident Energy. The engineers will look at the results of these calculations and decide if they need more information or if they can move on to using the data to generate reports. Some of the benefits of a comprehensive Arc Flash Study are listed below:
  - Documents current facility conditions of the electrical system.
  - Documents all electrical system components.
  - Identifies proper level of PPE required.
  - Ensures a safe work environment in compliance with all National Fire Protection Association (NFPA) 70, NFPA 70E and Occupational Safety and Health Administration (OSHA) regulations.

### **WA # 130 – Plant D Damage Assessment**

- GlobalTech and Vendors were onsite on Friday March 2, 2018, to assess Plant D Damage and to provide estimate for repairs. GlobalTech and Vendors were onsite on Wednesday March 21, 2018, to collect three (3) concrete bores from the Aeration Side of Plant D. The concrete bores showed that the concrete on the Aeration Side was approximately 18” deep. Each of 3 concrete bores passed the strength test.

**WA # 135 – Replacement of 2 20” Gate Valves on Injection Well 2 Bypass Line**

- GlobalTech was given notice on March 21, 2018, to proceed with the Replacement of 2 20” Gate Valve on Injection Well 2 Bypass Line. GlobalTech has started ordering supplies. GlobalTech has given staff the Gantt Chart for this project.

**WA # 136– Replacement of 2 Buried Gate Valves**

- GlobalTech was given notice on March 21, 2018, to proceed with the Replacement of 2 buried Valves at the Deep Well Pump Station. GlobalTech has started ordering supplies. GlobalTech has given staff the Gantt Chart for this project.





Coral Springs Improvement District

Drainage Report April 16, 2018

Board of Supervisors Meeting

#### Flood Control

Hurricane Irma generated debris removal is ongoing. Approx. 3000 CY of debris cleared from District waters and right of way.

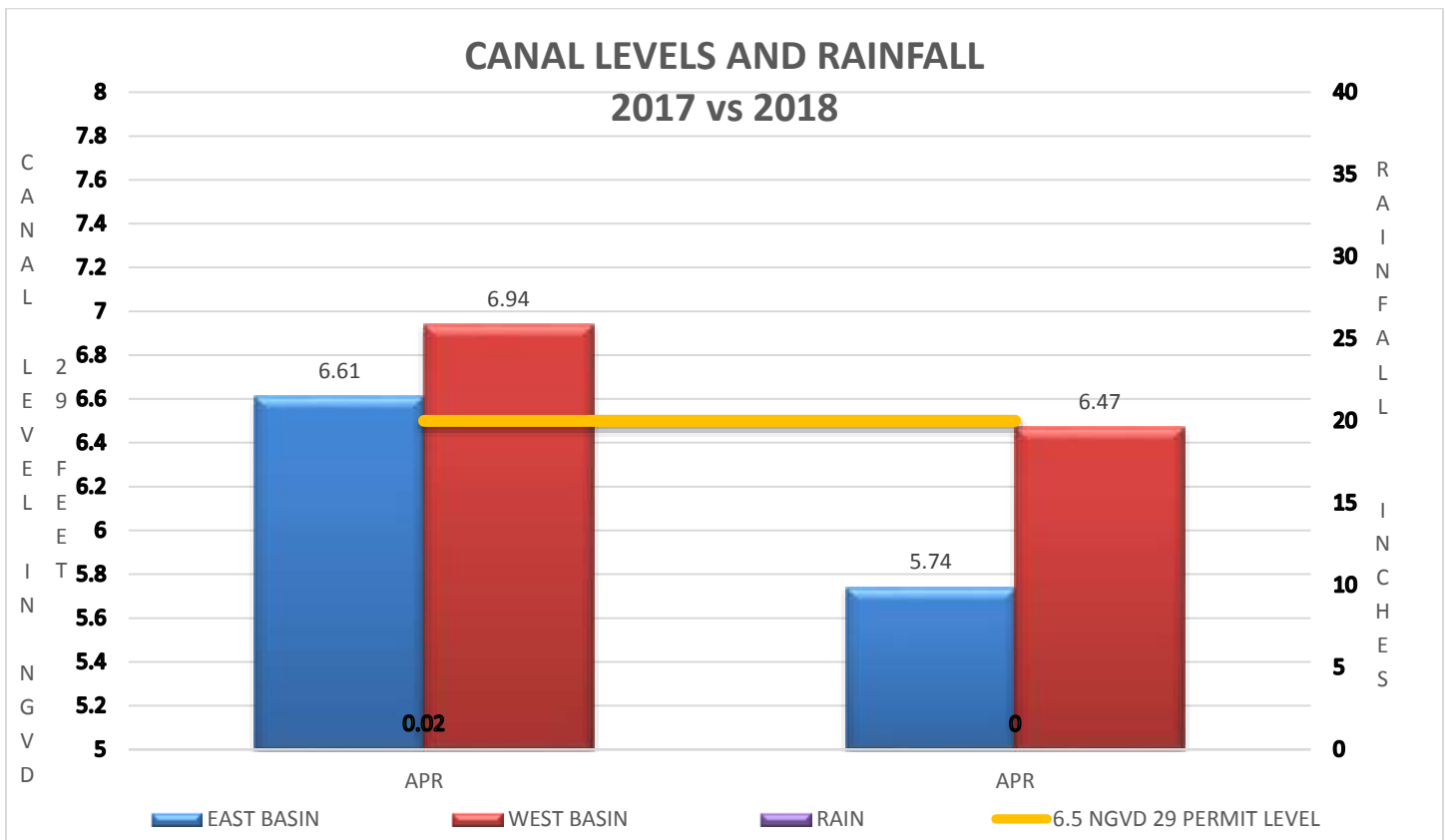
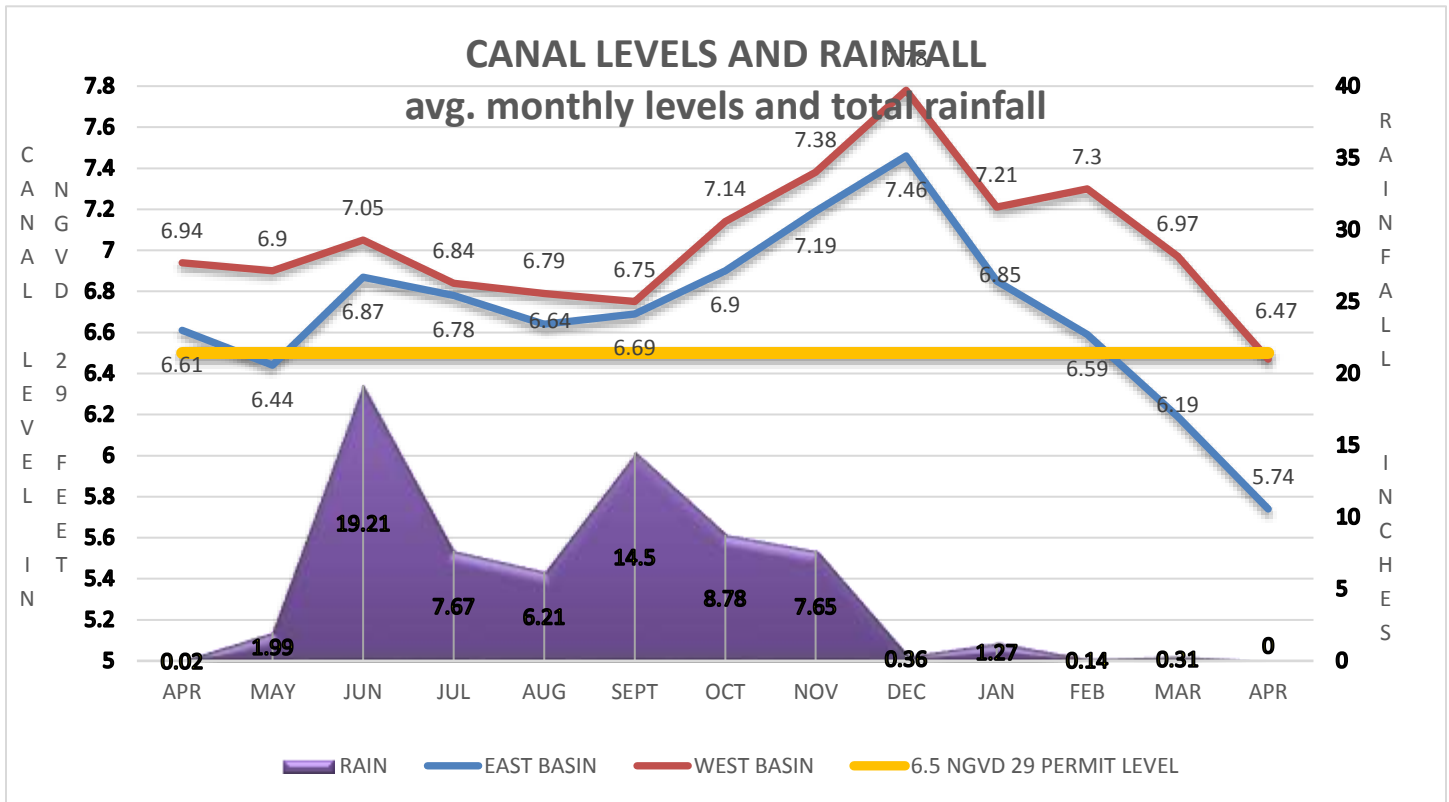






Flood Control

Canal levels are approx. 5'7" for the East basin and 6'4" for the West basin.  
 Rainfall recorded is .0" for the month so far.



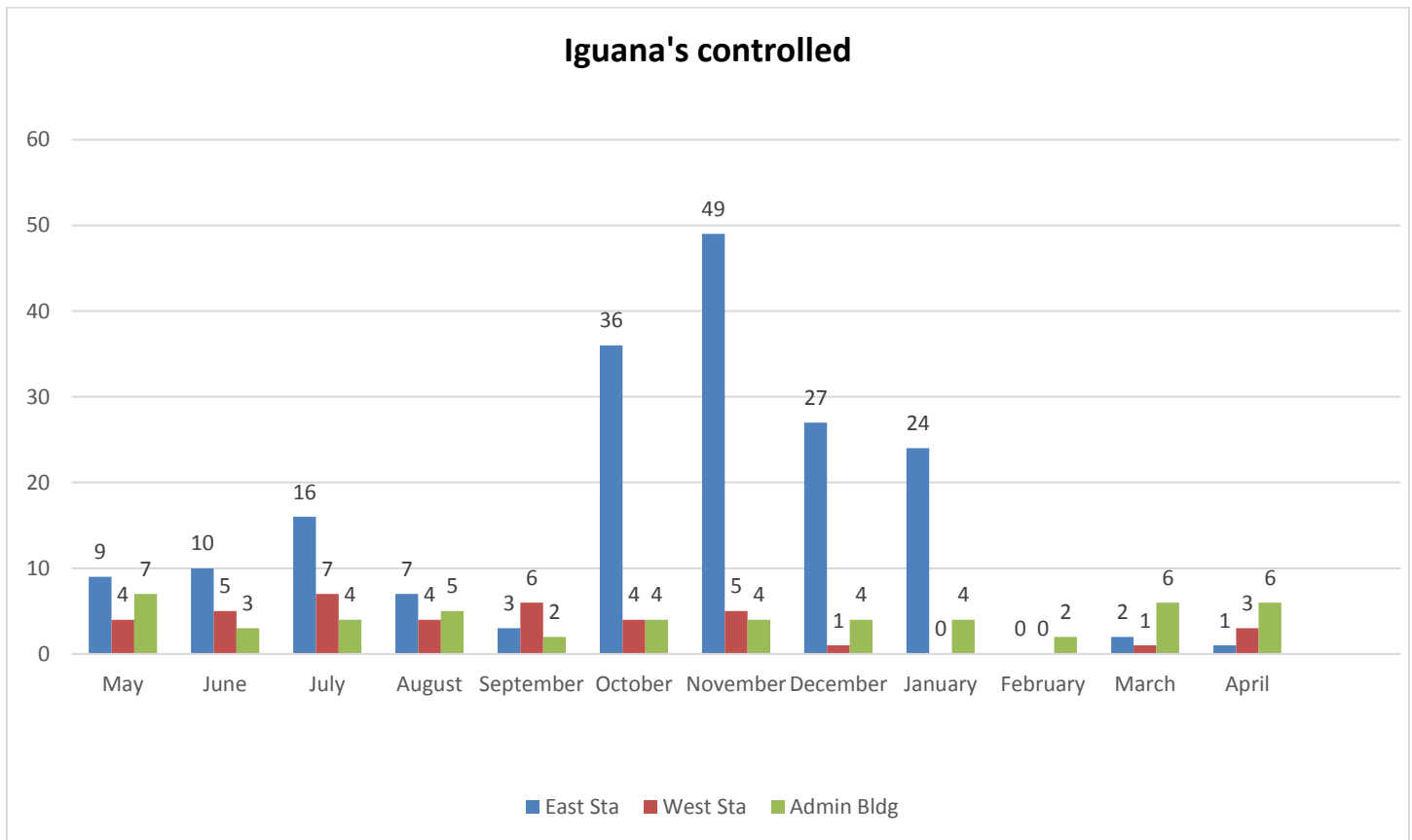
**Pump Conversion:**

This project is completed. All pump have been converted to a water lube system.

**Culvert Inspection:**

This project is targeted to begin the week of April 23.

**Iguana Management: April 2017 through April 2018**





Coral Springs Improvement District  
10800 N.W. 11TH Avenor Coral Springs, FL 33071

---

## Water Distribution and Wastewater Collection

### Department Report

#### 4-16-18 board Meeting

- There were 15 water breaks in the month of March.
- AP Engineering has started phase two of our water line replacement project, working in the lower half of cypress run. I will have a progress report by next meeting.
- The field Department is still finishing up with fire hydrant painting and has continued with GIS based Valve Maintenance.
- We are in the process of prototyping a small generator to operate out 10 hp pump stations efficiently. We still need to make a receptacle connection at one of our stations before testing in real operation.
- We had identified lift station 16 as a station we were looking to rehab, and received a quote from TRIO Development Corporation on piggyback pricing. Sense that time two stations have come up that are more urgent, so our attention has switched to those stations, lift station 13 and 17. Tyler Davis from globaltec has come out to look at the two sites to give us a quote. we should have that in front of you next meeting



Coral Springs Improvement District  
10800 N.W. 11TH MANOR Coral Springs, FL 33071

---

## Maintenance Department Report

4-16-18 board Meeting

### Water Department:

- Conducted harmonic study in RO Feed pumps along with Globaltech to determine the solution to the problem with bearing damage in the motors awaiting report.
- Repaired leaks on membrane cleaning system 10" PVC pipes with PVC welding.
- Coordinating the repairs of hydraulic lift for the cleaning tank.
- Replaced the emergency push bottom in the plant generator.
- Diagnose problem, and replace damaged wires at well #7 electrical cabinet.

### Wastewater Department:

- Mechanical project replaced Bar Screen Auger System, repaired electrical conduits and adjust all system for optimal operation.
- Replace inline check valves in blowers 9 and 11 and emergency valves. Carrying out analysis of the emergency blow off system for best operation.
- Recondition all electrical MCC's room and paint inside, floor, motors, cabinets and pipes.
- Modify the concentrate bypass for the approval of Health Department and put in service.
- Small civil construction, fix constructed new water pit in concrete for RAS sump pumps at plant C & D.
- Replace the emergency push bottom in the plant generator and install new one with less price modification.

### Field Department:

- Rewired and modify light poles in the administration area and installed LED lights. At the same time, we balanced the load in the control panel to be more efficiency in KWH consumption.
- Integration and programming the Variable Frequency Drive (VFD) with 12kw portable generator for emergency use in lift stations, the system is awaiting field testing.

### Drainage Department:

- N/A