

Meeting: PWC
Location: TC
Start: 10:00 Adjourn: _____

Date: 5-5-2017

-- MEETING ACTION SHEETS --

Chairman Zeidman / Cmte/Brd Member Moore / Cmte/Brd Member _____

Item: I + II / _____

Motion: Approve - Deny - Withdraw - Defer - Recess - Reconsider - Other: _____

I. Call to Order

II. Approve Agend

MR/MS.

Moore

MR/MS.

Zeidman

MR/MS.

Item: III / _____

Motion: Approve - Deny - Withdraw - Defer - Recess - Reconsider - Other: _____

None

MR/MS.

MR/MS.

MR/MS.

Item: IV Overview of RFQ

Motion: Approve - Deny - Withdraw - Defer - Recess - Reconsider - Other: _____

Patricia Stanger presents overview of RFQ + ECRWA process.

MR/MS.

MR/MS.

MR/MS.

Item: V. East/Central Regional (ECR) Water Reclamation Facility

Motion: Approve - Deny - Withdraw - Defer - Recess - Reconsider - Other: _____

MR/MS.

MR/MS.

MR/MS.

Meeting: PWC
Location: TC
Start: 10:00 Adjourn: _____

Date: 5-5-2017

Item: VI Update Regarding Disposal of Truck for Private
Motion: Approve - Deny - Withdraw - Defer - Recess - Reconsider - Other: Clean Up

MR/MS.

MR/MS.

MR/MS.

Item: VII Proposed study for Regulating Oversized Vehicle on R. Way
Motion: Approve - Deny - Withdraw - Defer - Recess - Reconsider - Other: _____

MR/MS.

MR/MS.

MR/MS.

Item: VIII Request for the PWC to study the FDOT proposal
Motion: Approve - Deny - Withdraw - Defer - Recess - Reconsider - Other: for Widener's Curve

MR/MS.

MR/MS.

MR/MS.

Item: IX Traffic Study Recommendation for N. Cross Way Intersection
Motion: Approve - Deny - Withdraw - Defer - Recess - Reconsider - Other: _____

MR/MS.

MR/MS.

MR/MS.

I. CALL TO ORDER AND ROLL CALL (Activated at 00:00:15)

II. APPROVAL OF AGENDA (Activated at 00:00:47)

III. COMMUNICATIONS FROM CITIZENS (Activated at 00:00:49)

IV. OVERVIEW OF REQUEST FOR QUALIFICATIONS SELECTION PROCESS Patricia Strayer, P.E., Town Engineer (Activated at 00:00:56)

Zeidman states that the reason this is being presented is because there were a lot of questions from residents about the process. P. Strayer provided an overview of the underground project selection process. Explains an RFP - broadscope -- mostly anything over 20k in services. It is described in the Town's purchasing manual. It can be anything. Selection committee is ratified by the TC. Explains the details of an RFP conducted by TOPB. Strayer provided an overview of the Request for Proposal (RFQ) process and the Competitive Contracts Negotiations Act (CCNA). Paul Brazil made a few comments. Discussion took place regarding the public nature of the selection process, evaluation criteria, final scores and rankings, the Undergrounding RFQ awarded in May 2016, (9 proposals were presented), the final scores and rankings of the Undergrounding RFQ participants, the rejection of bids, and the role of the Inspector General in the CCNA process, Continuing Service Contracts, Strayer asked for any questions: Requested Examples of Continuing Service Contracts -- the PD locker room and bathrooms need to be re-designed, and we gave that to Ken Moore, Strayer provided several examples, which were typically smaller capital improvement (?) (PB: comments). Moore: the process is very involved and it is obvious that the majority of the process is mandated by the CCNA. PB: it is overseen by multiple entities and many parts of the Town are involved. Moore: Members of the public were not aware of the details of the process, and it has now been clarified. Zeidman: this is a best effort to increase communication and provide clarity on the process. Strayer: adds that Kimley Horn and Mock Roos want to do more for the town than any other consultant out there. They take time to study the Town and know what is required. Moore: as a previous member of several selection committees, it was evident in several proposals that the companies had no idea about anything about the Town of Palm Beach. PB: the selection is composed of people coming from different perspectives, and when there is a weak proposal it comes across very well. Susan Gary: Thanks for presentation, 229 Onondaga. I am going to be on the Peer Review Selection Committee, so I very much appreciate the very thorough by Ms. Strayer. Spent 25 years with a construction company, and I am very familiar with the process. Talks about lessons learned when she went to different jurisdictions, One of the things that I found is that a lot of folks may compete for something very large, but would have no knowledge about the Town, The more information you provide to potential proposers, the better it is for the client. I think there are always lessons to be learned, and I would like to see our Public Works group kind of fine tune what we have. It is often a good idea to marry up firms with a particular expertise -- marry them up with a local firm. So, you

would have folks who knew the Town, but also have national experts. She suggested the process be fine tuned for larger projects in own. Would like to see PW continue to fine tune how we do procurement. PB: The concept of marrying up local and national -- we cannot do that, because we can only evaluate what is proposed to us. There are opportunities for firms to learn about the Town. Purchasing will accept any questions up to 10 days before they are due. I come from the private sector, and prepared many proposals, and the work that I go was because I invested time in doing research. SG: If proposers had a clue that the Town was receptive -- what I used to do -- if I knew we were going to be tight on a certain project, I would call the contractor to encourage them to provide proposals. PB: Purchasing will ask if there are particular companies that PW is interested in doing the project. Patricia Strayer: We could talk to Purchasing to schedule what we think our upcoming year work will be. SG: big, specialized projects was what I was referring to. Anita Seltzer: Cocanut Row, requested clarity with regard to the Continuing Contracts and how it works. Moore: the continuing contracts go thru the RFQ process, and then the work is rotated through them. Anita: does it apply to subcontractors as well? Strayer: it is a team -- the sub would be part of the cost proposal. It is part of the RFQ proposal -- their whole team is evaluated. PB: There are 2 diff things -- the Cont Services Agreement, and the CCNA. (explains in detail (10:56 a.m.) Contractually we allow them to propose a subcontractor to us, and we have the right to reject them. Anita: Refers to Lake Trail, and wanted to know who was doing that portion of the Lake Trail. PB: Mock Roos is doing the civil engineering design. Anita: I have unsuccessfully asked for an agreement between the Town and Pres Foun with regard to the Bradley Park project, so residents can understand the scope, and how the Town interacts with the project as it relates to the Lake Trail because the applicatoin as it was submitted by the Town included the design of the Lake Trail, and we have been told that the Pres Foun is not involved with that portion of the project. Moore: This is a Town project. The Town is overseeing the entire project, and we have accepted a contribution from the Pres Foun. Anita: That contribution is satisfying the need to not go through the bidding process? Moore: we went out to bid, and it came in at \$1.9 (approx). PB: The scope of work that Pres Foun was willing to donate included the Lake Trail, and it all came under the threshold of \$2 mill. I recommended that the Town pull out Lake Trail (11:01). Moore: The Town accepted a contribution from the Pres Foun for this project. The Tow (Activated at 00:01:03)

V. EAST CENTRAL REGIONAL (ECR) WATER RECLAMATION FACILITY OVERVIEW AND UPDATE Eric Brown, P.E., Assistant Director of Public Works (Activated at 00:58:09)

Eric Brown -- provides an overview of the ECR facility. Introduced two guests -- Brian Shields, City of Lake Worth, and Chairman of the ECR Board, and Matthew Shultz, who would be providing presentations. Zeidman: we are talking about the sewage effluent - clarifies for the public. Moore: how much money did we save by piggy backing on the City of WPB subaqueous project. PB: millions. The City had already done all the permitting, bidding, mobilization. We paid only for the contractor's. Moore: I think that is a key cost savings to the Town that many people may not be aware of. Eric: refers to the FY18 budget (of what is paid to the ECR) and the Town's share of flow.

Eric provided an overview of the challenges and issues facing the plant, Brian Shields, Water Utilities Director/City Engineer for the City of Lake Worth, and Chair of the ECR Board, provided an overview of the ECR Board and the sanitary sewer system of the City of Lake Worth. Answers to 7 sub regional entities. Discussion ensued regarding future cost increases for . PB: we anticipated these costs in our long term financial plan, and cost may exceed those in the long term plan, but we will not know for 2-3 years. Moore: questions the equipment failures that have happened. Why? Shields: they are due to age of the equipment. Moore: it is poor planning on the ECR;s part? Shields: No, because mechanical equipment has a life span of approx 50 years, and some of the equipment has degraded quicker than expected. Maintenance has been kept up. Moore: My concern is that your building a brand new building, and I need to feel assured and confident that we are not going to have any problems moving sewage effluent out of the Town. Shields: Assures all that we are on top of it, particularly at the Board level. Introduces Matthew Schultz, engineering consultant, (11:38 pm) provided an overview of the biosolids improvement project. Discussion ensued regarding the bond financing of the project, the appropriate level of financing within the next five years. (1:48) PB: because we have such a large project coming into fruition, the PW needs to start sharing with the PWC, so that it can be planned. The Town is paying for their portion of . Anita Seltzer, Coconut Row. looking north at Bradley Park, it appears that there is a cavity in the ground. Is this related at all to any of the sewer pipes that were put in.. If not, is there an explanation of what that is, and will it impact the Bradley Park project. PB: I need to take a look at it before I can talk about it. Moore: the one thing I noticed in the back up is that there seems to be a difference in the budget for the new personnel -- there are 4 spots that have been budgeted for, but it is estimated that the new facility will take 11. How are you planning for that? My second concern is that you are short by about 25% of employees. Could someone respond how you operate with being short of employees. PB: 11:48 - responds to Moore, and shares concern with staffing level at the existing plant, and if the staffing levels don't increase it could lead to deferred maintenance and that adds to the cost of capital projects. Staffing there is one thing I am concerned about. When the new facility comes on line, if the City has a hard time finding professionals, they may look at a contractual relationship. Eric Brown: expands on employee situation. Moore: I guess I have concerns about the number of vacancies currently existing and I hope the Board is working on filling those vacancies. Shields: Positions are very hard to fill. It's going to take time to work out how they cross train people, and we certainly have the same concerns. (Activated at 00:58:21)

VI. UPDATE REGARDING DISPOSAL OF TRASH FOR PRIVATE BEACH CLEAN-UPS (Activated at 01:47:35)

H. Paul Brazil, P.E., Director of Public Works (Activated at 01:54:55)

PB: provides update -- when we left the last meeting I asked for time to find some type of solution. During that time, I was going to propose to Diane that she use some of her existing customers and garbage cans. Subsequent to that, it has also been suggested that perhaps Diane

could find commercial people on the Island who had existing dumpsters. Diane has now told me she has become self sufficient. Diane Buehler provided an overview of the beach trash collection system. The bin issue was the biggest problem -- some of the trash didn't fit in the bin. I needed a truck to get the trash to access points. Is looking into fund raising for the truck, She pointed out that the PW team would be supporting us on our scheduled monthly clean ups. PB: My rec to TC, which they accepted, that we continue to help out. Zeidman: Diane, thank you for thinking this through. I see that you are collecting from approx 50 streets here. Diane: we go from the Inlet to Sloane's Curve. Zeidman: The Town no longer cleans private beaches, and you have come up with a solution. You provide an unbelievable service to the Town, and it would be helpful for residents to contribute. Moore: I mentioned earlier that you might call Arrego Dodge and talk to Don Landgrun. Diane: spoke regarding beach cleaning events coming up. Sat. morning at Indian Rd. (Activated at 01:47:40)

VII. PROPOSED STUDY FOR REGULATING OVERSIZED VEHICLES ON TOWN ROADWAYS Eric Brown, P.E., Assistant Director of Public Works (Activated at 01:55:00)

Eric Brown, Asst. Dir of PW: provided an overview of the proposed study for regulating oversized vehicles on Town roads. Recommended that a consultant is used to investigate these issues and to provide a feasibility study and implementation plan for accomplishing the goal of permitting or restricting over-sized vehicles that pose a safety or damage risk to people or property. The Town cannot regulate FDOT roads. Moore: So anticipated costs of this feasibility study? Eric B: we would solicit a proposal from a consultant, review and negotiate that, and come back with anticipated costs. PB: Would the PWC committee recommend to the TC that we get a proposal? Zeidman: how many properties have been damaged. PB: given the narrowness of most residential streets, I think it is widespread. Moore: PW and PZ & B talk to contractors to make them aware. PB: not all are contractors. There are furniture delivery trucks, etc. Susan Gary, 229 Ononadaga -- we are on a narrow, one way street, and there have been incidences there regarding trucks. Thinks the idea of the study to look at a remedy for this. I think we need to do something. My husband took some photos in New Jersey with examples of signs that are posted there, and suggested that signs be posted on our road. Moore: is it in the budget? PB: no, but it will be relatively small and can perhaps can come out of GF contingency, etc. Zeidman: we know certain groups of people that come on to Town roads, and staff can identify particular industries that are going to come on to the Island, the the truckers need to be made aware of the narrow streets. Do we need to do a better job of communicating with industries coming on to the Island. Susan Gary: a few weeks ago we had demolition crews and we got a notice from the builder. The job was subcontracted out, and those subs did not realize how narrow the streets were. It is very difficult to regulate. I am thinking that there is probably something like signs. Moore: it is not just the north end. It is Town-wide. PB: Initial steps we might take that will reduce these incidents immediately, rather than waiting for a consultant to be hired. Susan Gary: there are other communities that staff could contact, as well as the Florida League of Cities, Association of Traffic

engineers. Moore: I would like Paul and staff to do a little research and get back to us quickly by email, and we could put it on the June agenda for discussion. Zeidman: Determine the scope of work. PB: there is an initial effort if we can inexpensively reach out with public information. In parallel I strongly recommend that we get a consultant to come up with a program for regulation. We need the help of a consultant, Town Attorney, etc., there are a lot of facets to this. Moore: recommends that we take it to TC to make a request for the consultant, but we have to make sure of the costs. There have to be some limits to this number. PB: Would the PWC want staff to reach out to a traffic engineer and discuss scope and costs and come back with that information? Zeidman: In the meantime, I would like to see that we have at least reached out to people who we know to provide info. PB: we should be able to do it at the next meeting. (Activated at 01:55:04)

Adam Curr, Kimley Horn, the traffic engineer consultant on behalf of the Town. On the request of a resident, FDOT prepared a study regarding the safety _____ of the Widener's Curve. He provided an overview of the FDOT evaluation and proposal for Widener's Curve. The one thing that did not meet the FDOT standards was the _____ sight distance. The road meets the standards, the only rec. that FDOT had was to increase the visibility of the curve with internally illuminated raised pavement markers, which FDOT would install. PB: How would you like us to respond to FDOT. It doesn't seem the crash data support the installation of the pavement markers. FDOT would be responsible for the \$\$\$. This is an aesthetic question. Zeidman: I worry about our liability going forward when FDOT has recommended something. Moore: The Mar-a-Lago issue is that they need to trim their hedge. PB: if the Town suggests to FDOT that they reevaluate -- we have some liability no matter what happens. I think we could ask them if there is an alternative to this, if PWC does not find this what they want to do. Moore: They are paying for it. What does it look like during the day. Adam: it is only on night. Moore: During the day you won't notice it. There may be an esthetic point of view -- maybe the TC could weigh in. PB: we could write a TC item that the FDOT is proposing this and that the PWC has no objection to it (12:28 p.m.) Moore: we could put it on the consent agenda and it could be pulled if there were any questions. (Activated at 02:13:30)

VIII. REQUEST FOR THE PUBLIC WORKS COMMITTEE TO STUDY THE FLORIDA DEPARTMENT OF TRANSPORTATION PROPOSAL FOR WIDENER'S CURVE Patricia Strayer, P.E., Town Engineer (Activated at 02:25:20)

Item # re: fDOT -- it would be a good idea to notify residents (2:30 - Paul B: we can do that. Eric: one of the things that came up this item on Ocean Way, but the PD had also notified us that they were concerned about N Ocean Way. We put out some temporary stop signs, and we actually hired Kim Horn to do a study, and the recommendation was that safety would be enhanced by

making 4-way stops. He presented pictures of Palma Way looking north, and identified safety issues in that area. (Activated at 02:25:30)

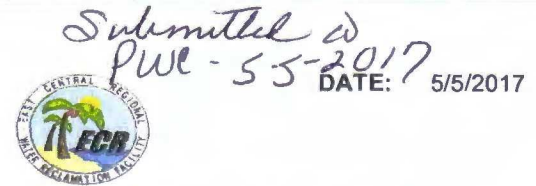
IX. TRAFFIC STUDY RECOMMENDATIONS FOR NORTH OCEAN WAY INTERSECTIONS Eric Brown, P.E., Assistant Director of Public Works (Activated at 02:28:50)

Eric continues with presentation regarding north ocean way intersections. Eric states that stop signs will be put in, and just wanted PWC to be aware of these issues and how we work through these. PB: Tom wanted us to bring this to your attention, as more stop signs are being installed, aesthetic issue, and we will have a code compliance issue with the hedge in that area. A lot of hedges get cut during the summer, so it might be an opportune time to do it for everybody. Moore: I think young families in the northend would appreciate the safety with the stop signs installed. (Activated at 02:29:08)

X. ANY OTHER MATTERS

XI. ADJOURNMENT (Activated at 02:32:31)

E  RWRF BIOSOLIDS IMPROVEMENTS PROJECT
EXECUTIVE SUMMARY OF MONTHLY CONSTRUCTION PROGRESS



Project Description:

Construction of new biosolids facilities and facility upgrades, including conversion of existing Decant Tank No. 2 to Aerated WAS Storage; Gravity Belt Thickening Building upgrades; a new temperature phased anaerobic digestion process, a new centrifuge dewatering facility; conversion of existing Decant Tank No. 1 to dewatering centrate equalization storage; new septage and FOG (fats, oils, greases) receiving stations; a new odor control system; conversion of the aerobic digester to Aeration Basin (AB) No. 1; and electrical and SCADA upgrades

Project Purpose:

To replace aging solids processing infrastructure with new facilities to reduce biosolids quantities and reduce biosolids disposal costs

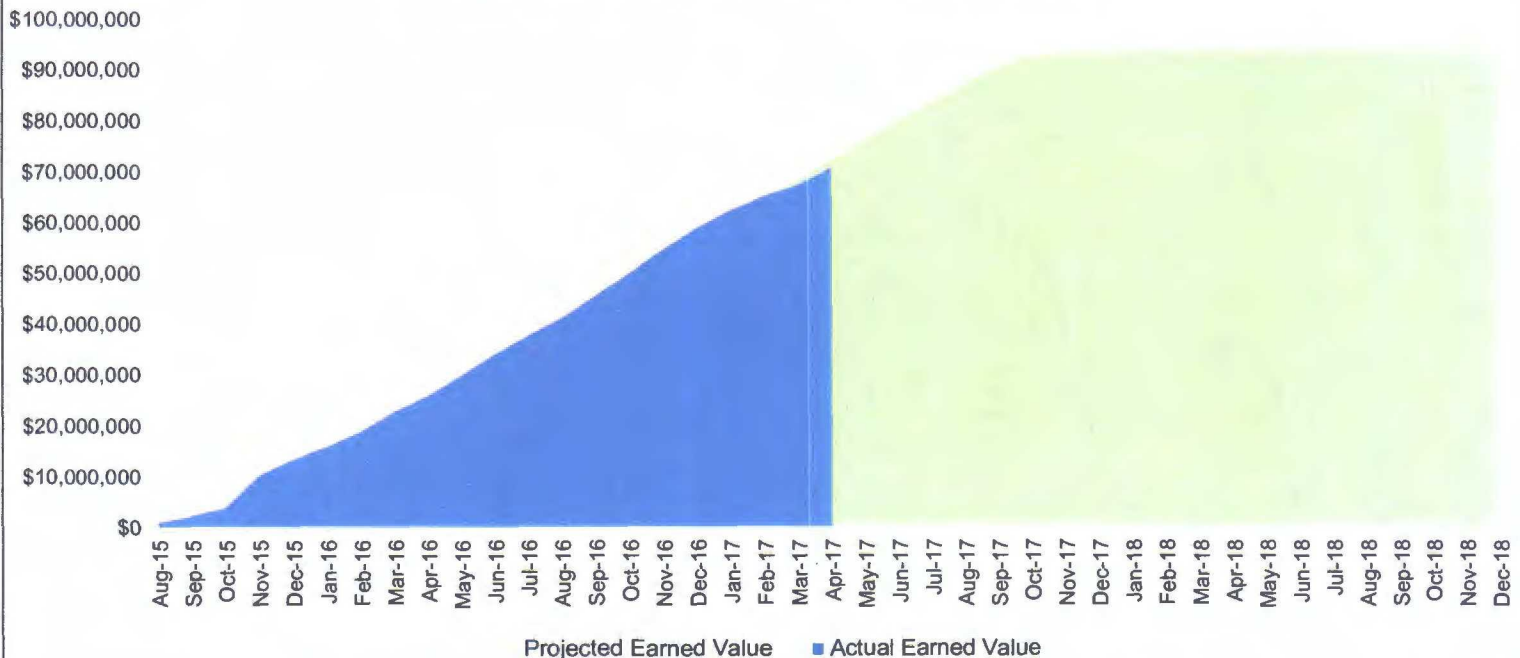
Project Construction Costs:

Original Contract Amount:	\$92,602,000.00	
Change Orders to Date:	\$3,381,239.00	3.65%
Current Contract Amount:	\$95,983,239.00	
Potential Change Orders	\$427,175.00	0.46%
Total Work Completed to Date:	\$70,877,903.52	73.84%
Balance to Complete:	\$25,105,335.48	

Project Schedule:

	Days	Date
Notice to Proceed:	---	8/10/2015
Substantial Completion - Biosolids:	362	5/2/2018
Substantial Completion - FOG Receiving:	542	10/29/2018
Substantial Completion - AB1 Conversion:	309	3/10/2018
Final Completion - AB1 Conversion:	354	4/24/2018
Final Completion	587	12/13/2018
Elapsed days to date:	634	

Earned Value / Progress Payments - Projected vs. Actual



Summary of Major Work Items Completed Last Month

- Completed demo of concrete at Decant Tank No.2
- Continued interior coating of Digester M2 (4 of 6 Complete)
- Completed interior pipe and HVAC in T1/T2 and M1-M4 Bldgs
- Completed cut and cap of the existing 96" influent bypass line
- Continued masonry block installation at the Dewatering Building
- Started installation of the centrifuge feed pumps and piping
- Completed RAS Line video recording
- Received delivery of the PLC Control Panels
- Started disposal of AB1 solids

Summary of Major Work Items Scheduled for Next Month

- Complete the WAS Storage Tank interior concrete slab
- Continue interior coating of Digester M2 & M4
- Complete exterior coating of Digester T1 and T2
- Complete GBT feed pump mechanical
- Continue masonry block installation at the Dewatering Bldg
- Start interior coating of the Digested Sludge Holding Tank
- Complete installation of the centrifuge feed pumps & piping
- Complete disposal of AB1 solids
- Complete placement Influent Junction Box 1 floor slab and walls



Waste Gas Burners



Dewatering Building

ECRWF BIOSOLIDS IMPROVEMENTS PROJECT
EXECUTIVE SUMMARY OF MONTHLY CONSTRUCTION PROGRESS

DATE: 5/5/2017

Contract Amendment Log:

Amd	Date	Notes
1	7/22/2016	Updated and clarified the backup documentation that the Contractor is required to submit with the monthly applications for payment
2	1/13/2017	Modifies Aeration Basin No.1 constraints and milestones

Change Order Log:

CO	Amount	Date	Notes
1	\$ 8,835.00	9/10/2015	Access Road
2	\$ (12,190.00)	6/14/2016	Power & Water Credit, Decant Tank 1 Coatings
3	\$ 180,000.00	7/6/2016	Permit Allowance Overage
4	\$ (37,160.00)	7/6/2016	Electrical Conduit 90's, Material Change
5	\$ (36,691.00)	7/6/2016	Tandem to Single Megalugs
6	\$ 3,089.00	9/12/2016	Bldg Dept Revisions - Dewatering Bldg Electric
7	\$ 14,941.00	9/15/2016	Odor Control Facility Floor Drains
8	\$ (4,356.00)	9/15/2016	Septage Receiving Tank Volume Reduction
9	\$ 13,435.00	10/31/2016	Underground Refrigerant Piping
10	\$ 23,310.00	10/31/2016	Mechanical Seals for Centrate EQ Pumps
11	\$ (34,660.00)	11/21/2016	Conduit Hubs, Material Change, Stainless Steel to Aluminum
12	\$ 5,118.00	11/21/2016	Relocate Condenser at ADF Elec Bldg
13	\$ 7,938.00	11/21/2016	Relocate Drains at Centrifuge Conveyor Outlets
14	\$ 837,192.00	1/13/2017	RAS Bypass and Repair
15	\$ (17,658.00)	1/13/2017	Power/Water Credit through 6/23/16
16	\$ 121,473.00	1/17/2017	Update Handrail to Meet Plant Standard (3-Rail)
17	\$ 432,313.00	2/9/2017	Electrical Ductbank Conflicts / Demo
18	\$ 52,565.00	3/9/2017	Allowance Adjustments & Cancellation of CO#1
19	\$ 4,895.00	3/9/2017	Odor Control Vessel Diameter
20	\$ 8,985.00	3/9/2017	Replace Force Main 90s with 45s
21	\$ -	4/17/2017	Hurricane Matthew Preparations and Recovery (7 Days)
22	\$ 6,330.00	4/17/2017	Door Hardware Modifications
23	\$ (20,255.00)	4/17/2017	Delete Purafil Remote Control Panel
24	\$ 77,140.00	4/20/2017	Change SCADA Software from GE IFix to Trihedral VTScada
25	\$ 14,524.00	4/17/2017	Blower Pipe Insulation
26	\$ 44,626.00	4/17/2017	Bldg Dept Revisions - Dewatering Bldg HVAC
27	\$ 1,687,500.00	4/21/2017	AB1 Solids Removal and Disposal
Total	\$ 3,381,239.00		

Pending Change Order Log:

PCO	Amount	Notes
29	\$ 14,870.00	Dewatering Bldg Revisions to Accommodate Andritz Centrifuges
31	\$ 26,821.00	Water Softener Outdoor Specs (CO28)
32	\$ 10,268.00	Bldg Exterior Modifications, Stucco / EIFS
34	\$ -	Building Parapets, Change from Concrete to CMU
42	\$ (21,783.00)	Deletion of the Insta-hot Water Heaters on Emergency Showers (CO29)
44	\$ 54,461.00	FOG Facility Enhancements
48	\$ 97,627.00	Interconnect to DST Pumps
52	\$ -	Digester Lid Light Removal
53	\$ -	FOG / Septage foul air duct changes
54	\$ 77,215.00	Relocation of Existing Electric at AB1
58	\$ 120,738.00	Temporary 96" Influent Bypass Pumping
59	\$ -	Adjustments to HVAC Branch Duct in ADF and FOG Buildings
60	\$ 3,190.00	Additional Odor Control Equipment Pads
61	\$ 7,971.00	Change MOVs to Modulating
62	\$ 8,166.00	Additional Remote Stations for MOVs
63	\$ 13,278.00	Install Neutral to GBT Panels
64	\$ 10,320.00	Grounding Waste Gas Burner Piping
65	\$ 4,033.00	GBT VCPs, Change 120V to 480V
Total	\$ 427,175.00	

ECRWRF BIOSOLIDS IMPROVEMENTS PROJECT
EXECUTIVE SUMMARY OF MONTHLY CONSTRUCTION PROGRESS

DATE: 5/5/2017

Allowance 2.1 Log:

Amount	Date	Notes
\$ 59,500.00	7/1/2015	Decant No.1 and 2 Draining and Cleaning
\$ (29,750.00)	11/1/2015	Decant No.1 Draining and Cleaning
\$ (29,750.00)	2/1/2017	Decant No.2 Draining and Cleaning
Balance \$	-	

Allowance 2.2 Log:

Amount	Date	Notes
\$ 637,500.00	7/1/2015	Aerobic Digester Draining and Cleaning
\$ (637,500.00)	4/30/2017	
Balance \$	-	

Allowance 3.1 Log:

Amount	Date	Notes
\$ 23,200.00	7/1/2015	Decant No.1 and 2 Structural Rehab
Balance \$	23,200.00	

Allowance 3.2 Log:

Amount	Date	Notes
\$ 191,000.00	7/1/2015	Aerobic Digester Structural Rehab
Balance \$	191,000.00	

Allowance 4 Log:

Amount	Date	Notes
\$ 200,000.00	7/1/2015	Unforeseen Buried Conditions
\$ (11,824.50)	6/25/2016	Underground Pipe Conflict (EADOC#10) - 75%
\$ (22,961.00)	6/25/2016	16" Force Main Conflict at GBT (EADOC#16)
\$ (20,601.90)	6/25/2016	Sanitary Sewer Pipe Elevation Conflicts (EADOC#17)
\$ (9,870.00)	6/25/2016	Existing 10" WAS Repair at Decant #1 (EADOC#18)
\$ (3,941.50)	8/25/2016	Underground Pipe Conflicts (EADOC#10) - 100%
\$ (12,073.00)	10/25/2016	GBT TWAS Repair (EADOC#43)
Balance \$	118,728.10	

Allowance 5.1 Log:

Amount	Date	Notes
\$ 580,000.00	7/1/2015	Permitting Fees
\$ (569,584.63)	9/1/2016	
Balance \$	10,415.37	

Allowance 5.2 Log:

Amount	Date	Notes
\$ 100,000.00	7/1/2015	Special Inspections
\$ (67,150.00)	9/1/2016	
Balance \$	32,850.00	

\$ 376,193.47 Current Balance of Unused Allowance Items

Submitted to
PWC - 5-5-2017



City of Lake Worth Sanitary Sewers

UTILITIES

Where the Tropics Begin



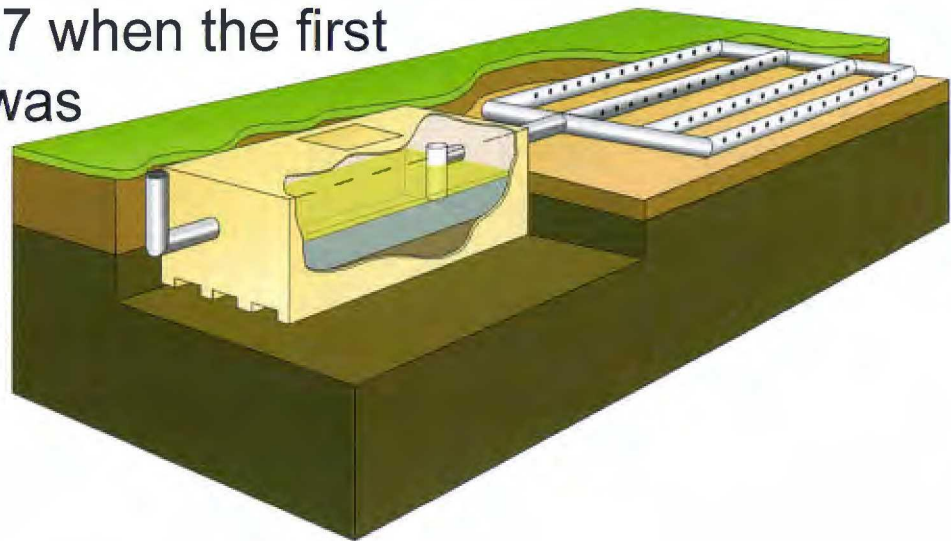


UTILITIES

Where the Tropics Begin

We've Been Collecting Awhile

The City's Wastewater System has evolved from the sewers that were constructed in the mid 1920's and early 1930's by the developer of Lucerne Townsite (which later became Lake Worth). This early system consisted of 8-inch gravity sanitary sewers, large trunk lines and interceptors, and a series of six septic tanks located on the shore of Lake Worth Lagoon. This system remained in use as the City's only wastewater facility until approximately 1957 when the first master lift station was built and the wastewater was pumped out into the ocean.





UTILITIES

Where the Tropics Begin

Wastewater Treatment

- Today the City of Lake Worth is part of a regional system that sends our wastewater to the East Central Regional Wastewater Reclamation Facility for treatment.
- We are one of five members of the ECRWRF.
- We have eight customers of the Lake Worth sub-regional system, including the Lake Worth Local system.

City of West Palm Beach
Operates this 70 Million Gallons
Per Day Facility Located off of
Haverhill Road

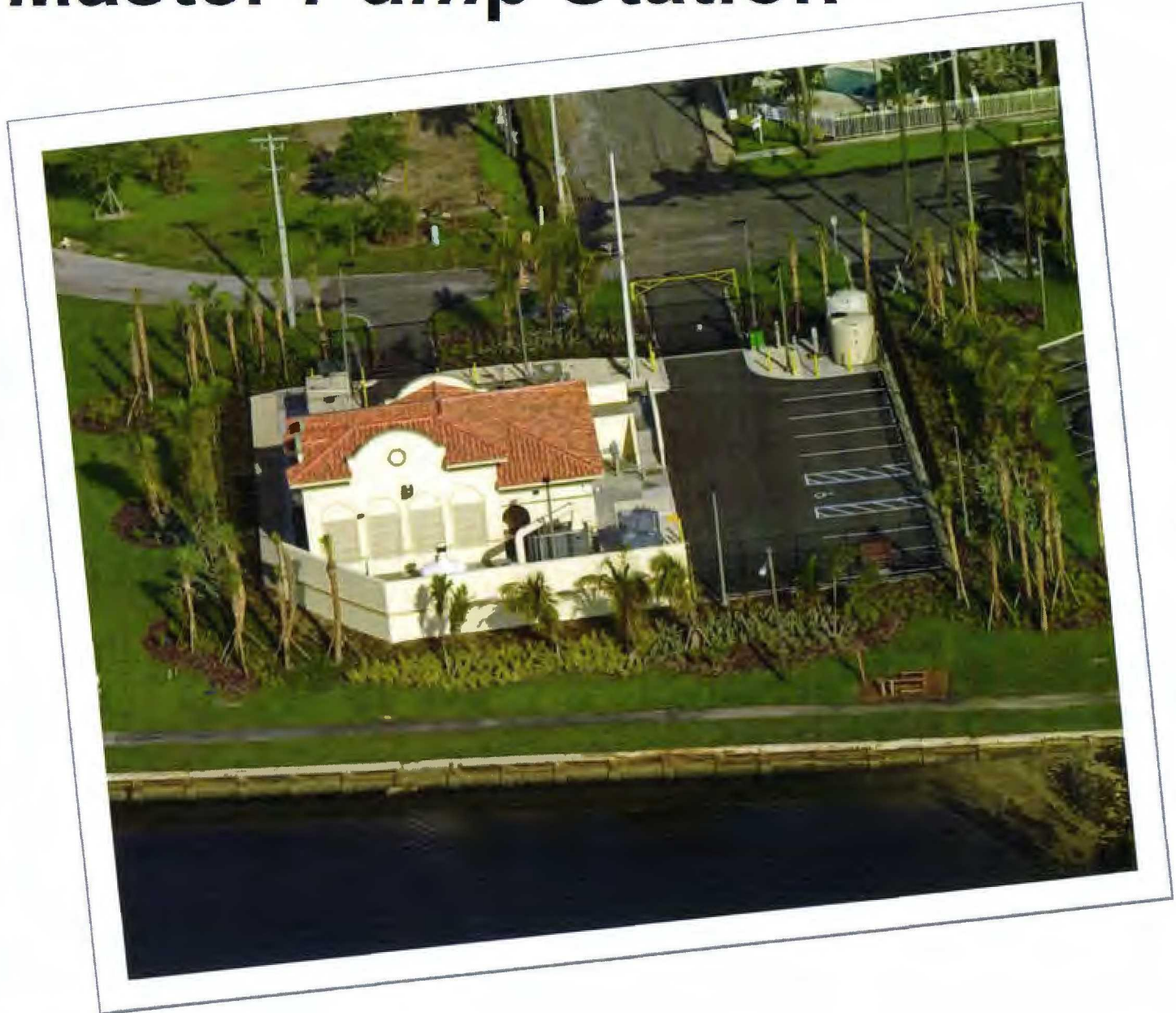




Master Pump Station

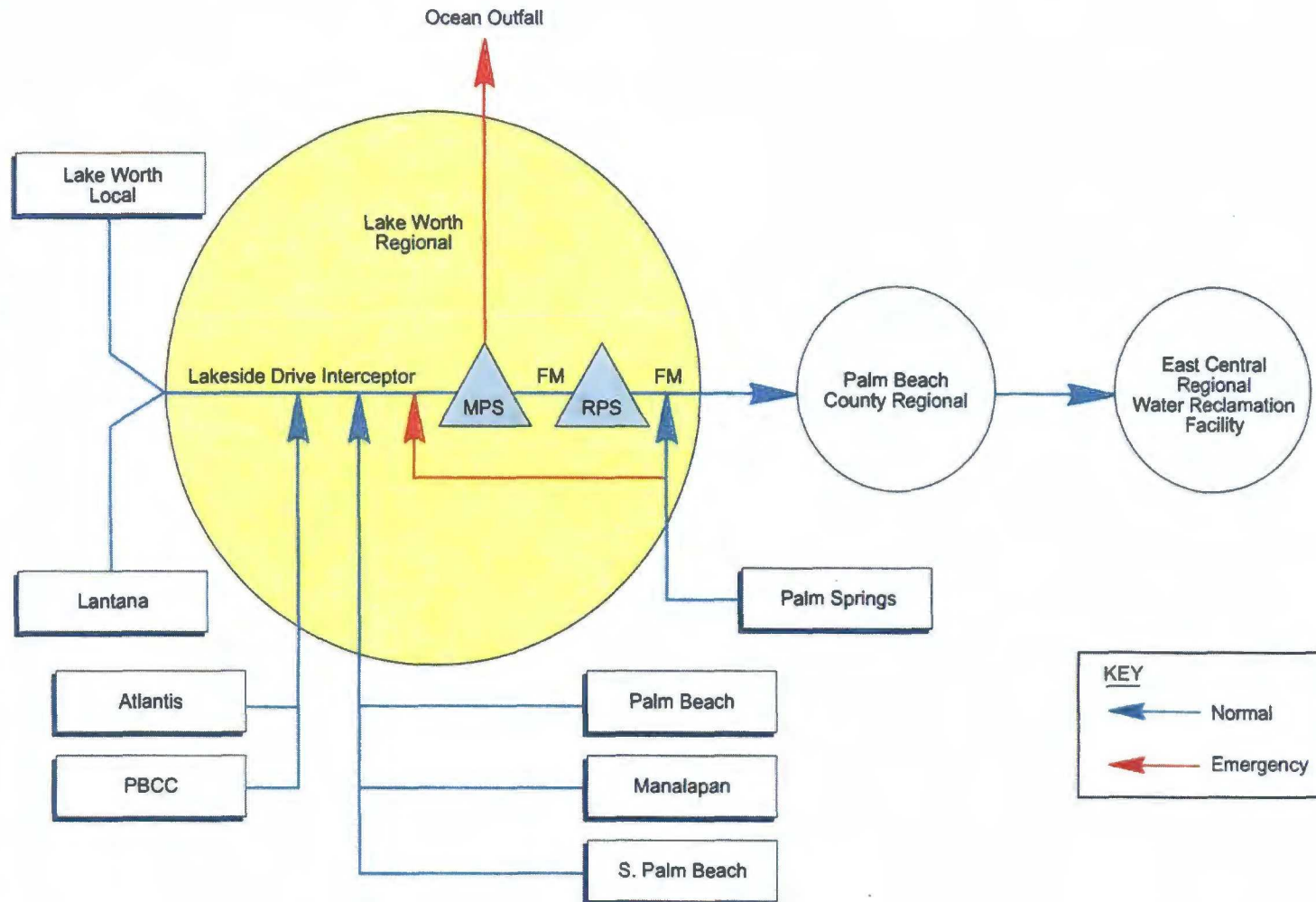
UTILITIES

Where the Tropics Begin





Sub Regional System Flow



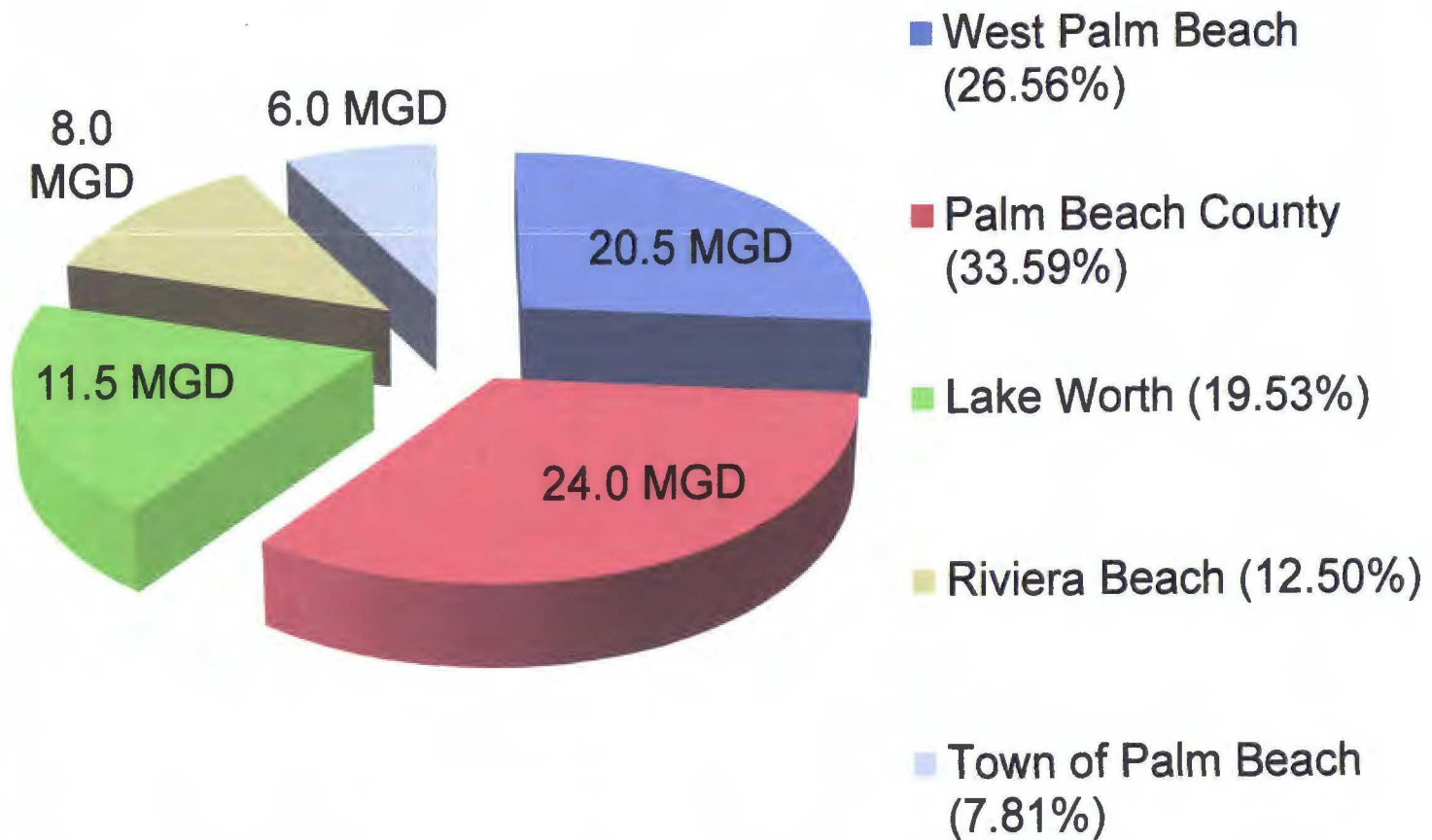
UTILITIES

Where the Tropics Begin



Current ECRWRF Share

(70 MGD Total)



UTILITIES

Where the Tropics Begin

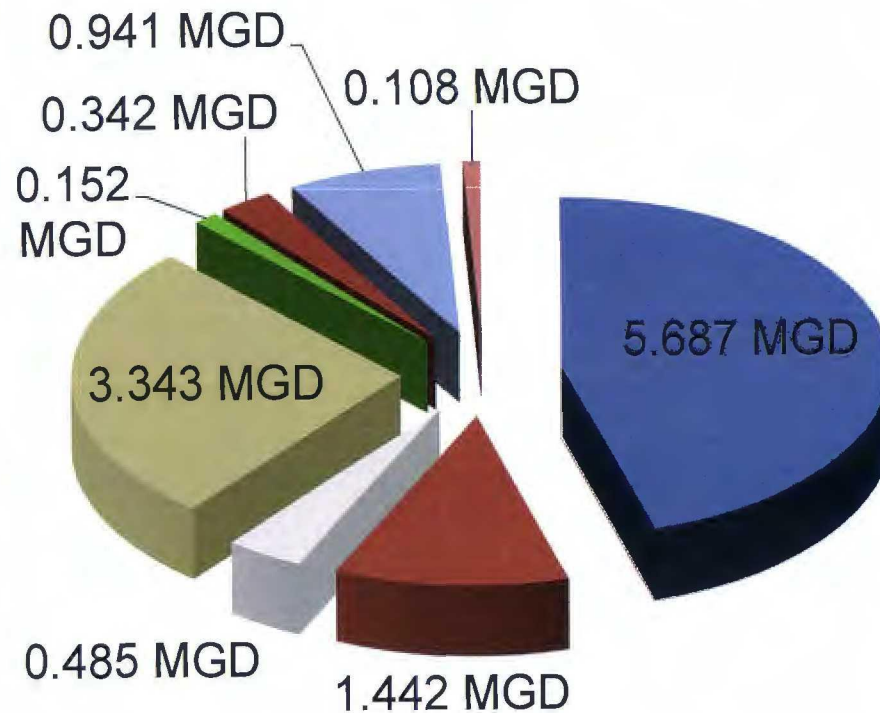


UTILITIES

Where the Tropics Begin

Sub-Regional Capacity

(11.5 Million Gallons Per Day Total)



■ Lake Worth (45.50%)

■ Lantana (11.54%)

■ Atlantis (3.88%)

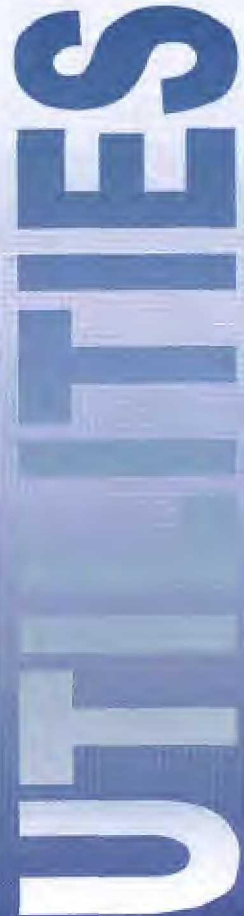
■ Palm Springs (26.74%)

■ Manalapan (1.22%)

■ South Palm Beach (2.74%)

■ Palm Beach (7.53%)
Emergency

■ PBSC (0.86%)



Sewer Collection Atlas





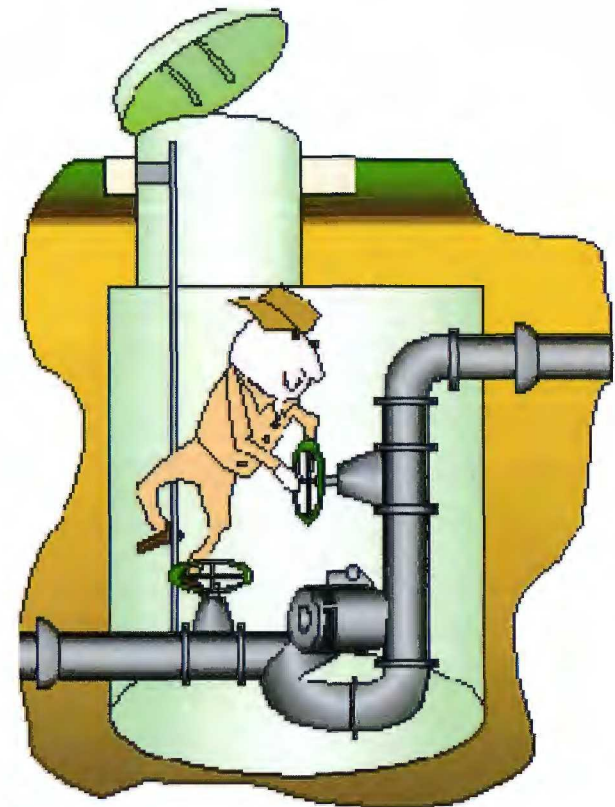
UTILITIES

Where the Tropics Begin

Pump (Lift) Stations

When the gravity system gets too deep a pump station is installed.

- The sewage flows into pump stations, then we pump it
- Pumps provide “lift” to move the sewage to a higher elevation.





UTILITIES

Where the Tropics Begin

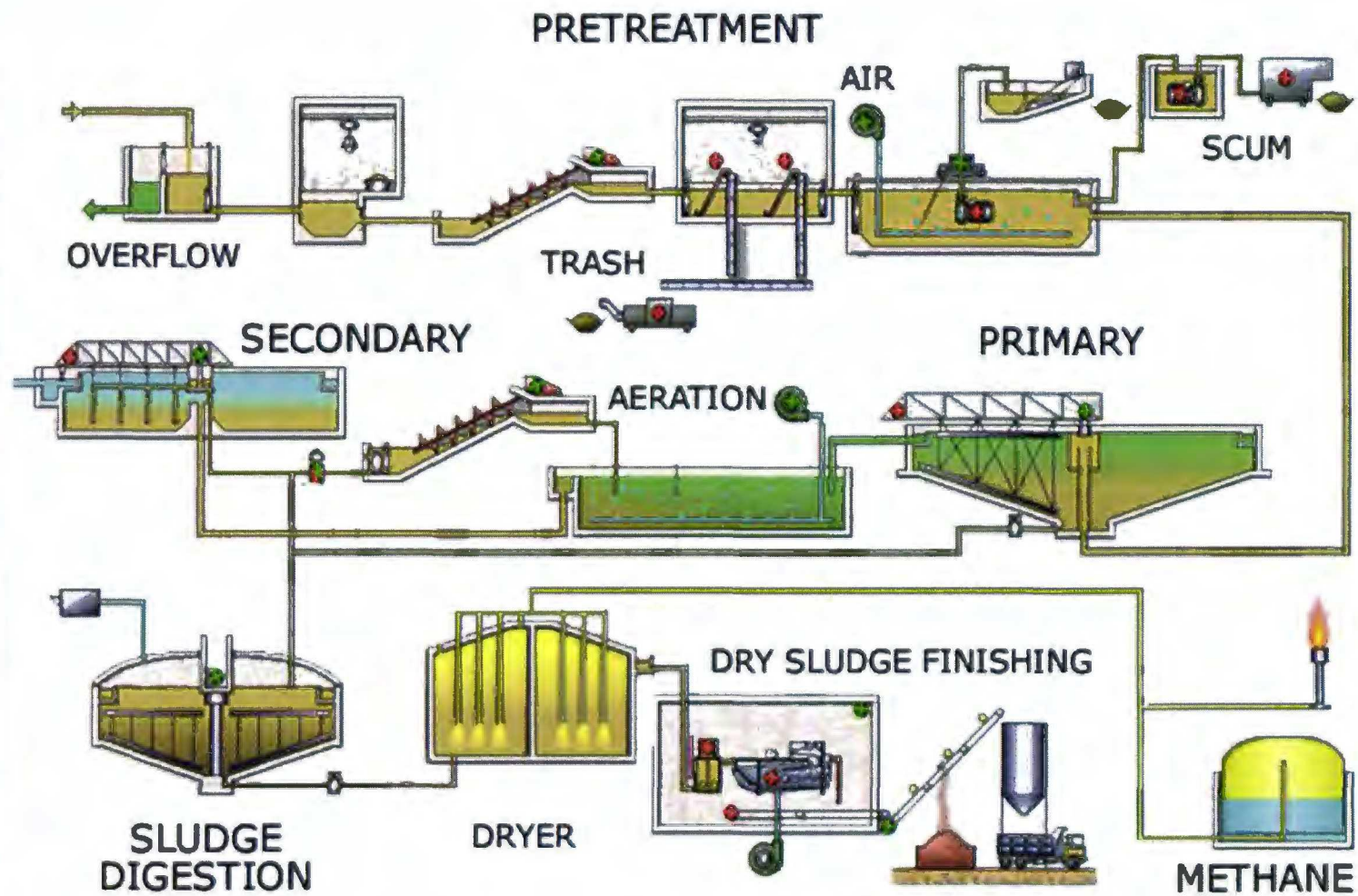
Illegal Dumping

Sewer lines are clogged daily by people who dispose of such things as grease, motor oil, eggshells, coffee grounds, and kitty litter down drains, toilets, garbage disposals, and sewer manholes. Help us keep your plumbing bills and future rate increases down by observing the following helpful hints:

- Don't put grease down drains (i.e.: cooking oils, fats, etc.)
- Don't put motor oils down drains or city storm drains.
- Don't put egg shells down the disposal or drains. These should be disposed of in solid waste bins.
- Don't put kitty litter down drains. These are designed to clump and will clog the lines
- Don't put coffee grounds down disposals or drains. Gritty materials sink and cause line blockages in the line.
- Also remember, it is illegal to dump products like anti-freeze, and other hazardous materials/chemicals into the sewers.



The Treatment Process



UTILITIES

Where the Tropics Begin

North Ocean Way 4-Way Stop Intersections



North Ocean Way 4-Way Stop Intersections



North Ocean Way 4-Way Stop Intersections



North Ocean Way 4-Way Stop Intersections



North Ocean Way 4-Way Stop Intersections



North Ocean Way 4-Way Stop Intersections



Public Works Committee Request for Qualifications Process

Patricia Strayer

Request for Proposals (RFP)

- Broad Scope of Work/Specification
- Selection Committee Ratified by Town Manager or Town Council
 - Director of Finance on All Selection Committees per Purchasing Manual
 - Other Members are Identified by Required Expertise
 - Technically Qualified and Free from Bias
 - Direct Supervisors and Their Subordinates Prohibited From Serving Together
- Evaluation Criteria Includes Cost, but is Not Low Bid – Best Value
- Evaluation Criteria not Established by Legislation
- Advertise for 30 Days
- May Request Presentations (Short List)
- Award Recommendation Made to Town Council
- Negotiations After TC Approval

Request for Qualifications (RFQ)

- Broad Scope of Work/Specification – Professional Services
 - Professional Services – Engineers, Architects, Surveyors, Landscape Architects
- Selection Committee Requirements Same as RFP
- Process Regulated by Consultants Competitive Negotiations Act (CCNA)
- Evaluation Criteria Cannot Include Cost
- Selection Based on Qualifications Only
- Evaluation Criteria Generally Established by CCNA Legislations

Consultants Competitive Negotiation Act (CCNA)

Florida Statutes, Section 287.055 is known as the "Consultants' Competitive Negotiation Act" or "CCNA". The CCNA applies to the procurement of certain professional services, including architecture, engineering, landscape architecture, or registered surveying and mapping.

CCNA

- Basic Intent – Fair and Open Competition
- Reduces Opportunity and Appearance of Favoritism
- Inspires Public Confidence that Contracts are Awarded Equitably
- Uniform Procedures and Documentation Curb Improprieties and Ensure Ethical Process
- Law Since 1973
- Owner Selects Best Qualified Firm
- Encourages Technological Innovation

“Price has no meaning except in terms of the quality of the product.”

Dr. W. Edwards Deming

CCNA- Who and When

- All Government Agencies in the State of Florida
- Studies or Designs where compensation exceeds \$25,000 and estimated cost of construction exceeds \$250,000
- Continuing contracts where studies/design does not exceed \$200,000 and estimated Construction does not exceed \$2 million

CCNA Definitions

“**Professional services**” means those services within the scope of the practice of architecture, professional engineering, landscape architecture, or registered surveying and mapping, as defined by the laws of the state, or those performed by any architect, professional engineer, landscape architect, or registered surveyor and mapper in connection with his or her professional employment or practice.

“**Compensation**” means the amount paid by the agency for professional services regardless of whether stated as compensation or stated as hourly rates, overhead rates, or other figures or formulas from which compensation can be calculated.

CCNA Requirements

- For each proposed project, the agency shall evaluate
 - current statements of qualifications and performance data on file with the agency, together with those that may be submitted by other firms regarding the proposed project, and
 - shall conduct discussions with, and may require public presentations by, no fewer than three firms regarding their qualifications, approach to the project, and ability to furnish the required services.
- The agency shall select in order of preference no fewer than three firms deemed to be the most highly qualified to perform the required services.

Evaluation Criteria

The agency shall select in order of preference no fewer than three firms deemed to be the most highly qualified to perform the required services. In determining whether a firm is qualified, the agency **shall consider** such factors as the

- ability of professional personnel;
- past performance;
- willingness to meet time and budget requirements;
- location;
- recent, current, and projected workloads of the firms; and
- volume of work previously awarded to each firm by the agency, with the object of effecting an equitable distribution of contracts among qualified firms, provided such distribution does not violate the principle of selection of the most highly qualified firms.
- **The agency may request, accept, and consider proposals for the compensation to be paid under the contract only during competitive negotiations.**

Undergrounding RFQ Selection Committee

Danielle H. Moore – Town Council Member, Public Works Committee Chair

Jeffrey Smith – Chairman of the Underground Utilities Task Force

Jay Boodheshwar – Deputy Town Manager

Jane Struder – Director of Finance

Eric Brown, P.E. – Assistant Director of Public Works

William K. Francis, P.E. – Town Engineer

H. Paul Brazil, P.E. – Director of Public Works (Non-Voting)

Thomas G. Bradford – Town Manager (Non-Voting)

Adis Pedraza – Purchasing Manager (Non-Voting)

Ilyse Triestman – Assistant Purchasing Manager (Non-Voting)

John Cmar – Purchasing Coordinator (Non-Voting)

Undergrounding Selection Criteria

Experience of Firm / Past Performance • Company Credentials • Current / Past Undergrounding Projects / Described successful experience in and management of Undergrounding Programs • Completed Commercial and/or Governmental Projects over \$5,000,000 • Schedule/Budget Compliance • Town of Palm Beach experience • Technical soundness of the proposal • References	30%
Experience / Ability of Personnel • Organizational Chart / Resources / Demonstrated the Team has sufficient Staff available with necessary skills • Management's Credentials • Project Personnel experience with Undergrounding Projects • High quality level of services to be provided to Town / Described the management procedures that will be followed to oversee the work by its personnel and sub-consultants • Sub-consultant Credentials	30%
Workload and Scheduling • Over-all workload of the company • Project scheduling ability/timely completion of work • Schedule will accommodate this project • Applicability of the services offered • Meeting the Town's operational requirements	20%
Financial Information • Annual Report submitted and determined adequate by Town • Financial resources and capabilities • Financial Statement certified by a CPA	5%
Volume of Work <u>*Points awarded based upon past awards made by the Town.</u>	5%
Other • Overall completeness, clarity and quality of proposal • Location of firm • Bonding and Insurance • Disputes, Litigation and Resolution	10%

Selection Committee Rankings

SELECTION COMMITTEE RANKINGS

Committee Member	Danielle H. Moore	Jeffrey Smith	Jay Boodheshwar	Jane Struder	Eric Brown	William K. Francis	Total
Company	Rating	Rating	Rating	Rating	Rating	Rating	Average Rating
1 Kimley-Horn and Associates, Inc.	4.70	4.75	4.45	4.35	4.20	4.65	4.52
2 Erdman Anthony	4.05	4.05	4.05	4.65	3.75	3.55	4.02
3 Stantec Consulting Services Inc.	3.35	3.50	4.10	4.20	2.90	3.20	3.54
4 Stanley Consultants Inc.	3.20	3.25	3.65	4.05	3.50	3.50	3.53
5 URS Energy & Construction	3.30	3.45	3.10	3.65	2.55	2.75	3.13
6 Craven, Thompson & Associates, Inc.	2.55	3.48	3.13	3.45	2.95	2.20	2.96
7 Keith and Schnars, P.A.	3.10	3.10	3.10	3.20	2.65	2.25	2.90
8 PowerServices, Inc.	2.30	3.20	3.15	3.55	2.30	1.85	2.73
9 Power Engineers, Inc.	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Short Listed Firm

Scoring of Presentations

1

PROPOSER: Kimley-Horn and Associates, Inc.

		Danielle H. Moore		Jeffrey Smith		Jay Boodheshwar		Jane Struder		Eric Brown		William K. Francis		Avg. Totals
Evaluation Criteria	%	Rating	Totals	Rating	Totals	Rating	Totals	Rating	Totals	Rating	Totals	Rating	Totals	
Experience of Firm / Past Performance	30%	5.00	1.50	5.00	1.50	5.00	1.50	4.50	1.35	4.50	1.35	5.00	1.50	1.45
Experience / Ability of Personnel	30%	5.00	1.50	5.00	1.50	5.00	1.50	4.50	1.35	4.50	1.35	5.00	1.50	1.45
Workload and Scheduling	20%	5.00	1.00	5.00	1.00	4.50	0.90	4.00	0.80	5.00	1.00	5.00	1.00	0.95
Financial Information	5%	3.00	0.15	4.00	0.20	3.00	0.15	3.00	0.15	3.00	0.15	3.00	0.15	0.16
Volume of Work	5%	1.00	0.05	1.00	0.05	1.00	0.05	1.00	0.05	1.00	0.05	1.00	0.05	0.05
Other	10%	4.50	0.45	5.00	0.50	4.00	0.40	4.50	0.45	5.00	0.50	5.00	0.50	0.47
		4.65		4.75		4.50		4.15		4.40		4.70		4.53

2

PROPOSER: Erdman Anthony

		Danielle H. Moore		Jeffrey Smith		Jay Boodheshwar		Jane Struder		Eric Brown		William K. Francis		Avg. Totals
Evaluation Criteria	%	Rating	Totals	Rating	Totals	Rating	Totals	Rating	Totals	Rating	Totals	Rating	Totals	
Experience of Firm / Past Performance	30%	3.50	1.05	4.00	1.20	4.50	1.35	3.50	1.05	4.50	1.35	3.50	1.05	1.18
Experience / Ability of Personnel	30%	3.50	1.05	4.00	1.20	4.50	1.35	3.00	0.90	4.00	1.20	3.50	1.05	1.13
Workload and Scheduling	20%	3.50	0.70	3.00	0.60	4.50	0.90	3.50	0.70	4.00	0.80	3.50	0.70	0.73
Financial Information	5%	4.00	0.20	4.00	0.20	4.00	0.20	4.00	0.20	4.00	0.20	4.00	0.20	0.20
Volume of Work	5%	5.00	0.25	5.00	0.25	5.00	0.25	5.00	0.25	5.00	0.25	5.00	0.25	0.25
Other	10%	3.50	0.35	4.00	0.40	4.00	0.40	3.50	0.35	3.50	0.35	3.50	0.35	0.37
		3.60		3.85		4.45		3.45		4.15		3.60		3.85

Scoring of Presentations Cont.

3

PROPOSER: Stantec Consulting Services Inc.

		Danielle H. Moore		Jeffrey Smith		Jay Boodheshwar		Jane Struder		Eric Brown		William K. Francis			
Evaluation Criteria	%	Rating	Totals	Rating	Totals	Rating	Totals	Rating	Totals	Rating	Totals	Rating	Totals	Avg. Totals	
Experience of Firm / Past Performance	30%	2.00	0.60	3.50	1.05	4.50	1.35	3.00	0.90	3.50	1.05	3.00	0.90	0.98	
Experience / Ability of Personnel	30%	2.00	0.60	3.50	1.05	4.00	1.20	3.00	0.90	3.50	1.05	3.00	0.90	0.95	
Workload and Scheduling	20%	2.00	0.40	3.50	0.70	4.00	0.80	3.00	0.60	4.00	0.80	3.00	0.60	0.65	
Financial Information	5%	4.00	0.20	4.00	0.20	4.00	0.20	4.00	0.20	4.00	0.20	4.00	0.20	0.20	
Volume of Work	5%	5.00	0.25	5.00	0.25	5.00	0.25	5.00	0.25	5.00	0.25	5.00	0.25	0.25	
Other	10%	2.00	0.20	3.50	0.35	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.30	0.29	
			2.25			3.60			4.10			3.15			3.32

4

PROPOSER: Stanley Consultants Inc.

		Danielle H. Moore		Jeffrey Smith		Jay Boodheshwar		Jane Struder		Eric Brown		William K. Francis			
Evaluation Criteria	%	Rating	Totals	Rating	Totals	Rating	Totals	Rating	Totals	Rating	Totals	Rating	Totals	Avg. Totals	
Experience of Firm / Past Performance	30%	3.00	0.90	3.50	1.05	4.50	1.35	4.50	1.35	4.00	1.20	4.00	1.20	1.18	
Experience / Ability of Personnel	30%	3.00	0.90	3.50	1.05	4.50	1.35	4.50	1.35	4.50	1.35	4.00	1.20	1.20	
Workload and Scheduling	20%	3.00	0.60	3.00	0.60	4.00	0.80	4.50	0.80	4.00	0.80	4.00	0.80	0.75	
Financial Information	5%	2.00	0.10	2.00	0.10	2.00	0.10	2.00	0.10	2.00	0.10	2.00	0.10	0.10	
Volume of Work	5%	5.00	0.25	5.00	0.25	5.00	0.25	5.00	0.25	5.00	0.25	5.00	0.25	0.25	
Other	10%	3.00	0.30	3.50	0.35	4.00	0.40	4.50	0.45	4.00	0.40	4.00	0.40	0.38	
			3.05			3.40			4.25			4.40			3.86

Final Scores and Rankings

SELECTION COMMITTEE RANKINGS

Committee Member		Danielle H. Moore	Jeffrey Smith	Jay Boodheshwar	Jane Struder	Eric Brown	William K. Francis	Total
Company		Rating	Rating	Rating	Rating	Rating	Rating	Average Rating
1	Kimley-Horn and Associates, Inc.	4.65	4.75	4.50	4.15	4.40	4.70	4.53
2	Stanley Consultants Inc.	3.05	3.40	4.25	4.40	4.10	3.95	3.86
3	Erdman Anthony	3.60	3.85	4.45	3.45	4.15	3.60	3.85
4	Stantec Consulting Services Inc.	2.25	3.60	4.10	3.15	3.65	3.15	3.32

CCNA - Negotiations

The agency shall negotiate a contract with the most qualified firm for professional services at compensation which the agency determines is fair, competitive, and reasonable. In making such determination, the agency shall conduct a detailed analysis of the cost of the professional services required in addition to considering their scope and complexity. For any lump-sum or cost-plus-a-fixed-fee professional service contract over the threshold amount provided in s. [287.017](#) for CATEGORY FOUR, the agency shall require the firm receiving the award to execute a truth-in-negotiation certificate stating that wage rates and other factual unit costs supporting the compensation are accurate, complete, and current at the time of contracting. Any professional service contract under which such a certificate is required must contain a provision that the original contract price and any additions thereto will be adjusted to exclude any significant sums by which the agency determines the contract price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such contract adjustments must be made within 1 year following the end of the contract.

CCNA – Moving to Next Qualified Proposer

Should the agency be unable to negotiate a satisfactory contract with the firm considered to be the most qualified at a price the agency determines to be fair, competitive, and reasonable, negotiations with that firm must be formally terminated. The agency shall then undertake negotiations with the second most qualified firm. Failing accord with the second most qualified firm, the agency must terminate negotiations. The agency shall then undertake negotiations with the third most qualified firm.

Florida Inspector General

- Section [20.055\(2\)](#), F.S., created, in all state agencies an Office of Inspector General to provide a central point for coordination of and responsibility for activities that promote accountability, integrity and efficiency in government. The Inspector General for the Florida Department of State is appointed by and reports to the Secretary of State.
- The Office of Inspector General (OIG) mission is to promote accountability, integrity and efficiency for the citizens of Florida by providing objective, timely audit and investigative services. The OIG conducts independent and objective audits, investigations as well as review of agency issues and programs to assist the department in accomplishing its mission.

Continuing Service Contracts

- Typically Award 3 Year Contracts with Potential 2 Year Renewals
- Select 3 to 5 Consultants
- Existing Continuing Services Contracts
 - Professional Services (Civil Consultants)
 - Chen, Moore & Associates
 - Kimley-Horn & Associates
 - Mock, Roos & Associates
 - Construction Management at Risk
 - Burkhardt Construction, Inc.
 - Hedrick Brothers, Inc.
 - Whiting Turner, Inc.

Work Distribution Among PSA Contracts

Consultant	Project	P.O. Amount
A.D.A. Engineering, Inc.	Project Total	\$235,930.00
1 Chen, Moore, & Associates	Digital Utility Atlas Update	\$98,120.00
2 Chen, Moore, & Associates	Skees Road Landfill Improvements	\$77,100.00
3 Chen, Moore, & Associates	Irrigation - Lakeside Park/Royal Palm Way Median	\$18,550.00
4 Chen, Moore, & Associates	Police Dept. Facility Bathroom & Locker Room Improvements	\$24,000.00
5 Chen, Moore, & Associates	Phipps Ocean Park Restroom Replacement	\$58,858.00
6 Chen, Moore, & Associates	Ocean Outfall Abandonments	\$29,900.00
Chen, Moore, & Associates	Project Total	\$306,528.00
1 Kimley-Horn & Associates	D-12 Stormwater Pump Station (CPES)	\$45,300.00
2 Kimley-Horn & Associates	N. County Road Tree Initiative (P.O. 160965)	\$12,496.00
3 Kimley-Horn & Associates	Mid-Town Lifeguard & Restroom Imp	\$18,448.50
4 Kimley-Horn & Associates	Sanitary Stations: E-1, E-2, E-4, & G-1	\$95,080.00
5 Kimley-Horn & Associates	N. Ocean Way Intersection Analysis	\$3,360.00
6 Kimley-Horn & Associates	General Services	\$20,000.00
7 Kimley-Horn & Associates	East Inlet and Laurian Ln Watermain Replacement	\$46,602.00
8 Kimley-Horn & Associates	PD HVAC Retrofit Construction Services	\$78,916.00
Kimley-Horn & Associates	Project Total	\$320,202.50
1 Mock, Roos & Associates	Surveying Services for N. Ocean Blvd.	\$25,850.00
2 Mock, Roos & Associates	Atlantic, Dunbar, Everglade, & Southland Drainage Improvements (CPES)	\$34,535.00
3 Mock, Roos & Associates	Southland Road Improvements (Design)	\$10,000.00
4 Mock, Roos & Associates	Lighting Design and Bid Services - Ocean Blvd. from Lake to Sloans Curve	\$181,590.00
5 Mock, Roos & Associates	Street Light Replacement Engineering Construction Services	\$149,500.00
6 Mock, Roos & Associates	Lake Trail Pavement Improvements (Final Design & CPES)	\$246,130.00
7 Mock, Roos & Associates	Atlantic, Dunbar, & Everglade, Drainage Improvements (Design)	\$89,605.00
8 Mock, Roos & Associates	E-8 Wastewater Ejector Rehab	\$24,710.00
9 Mock, Roos & Associates	Australian Parking and Sewer	\$15,595.00
10 Mock, Roos & Associates	On Call CIP	\$20,000.00
Mock, Roos & Associates	Project Total	\$797,515.00

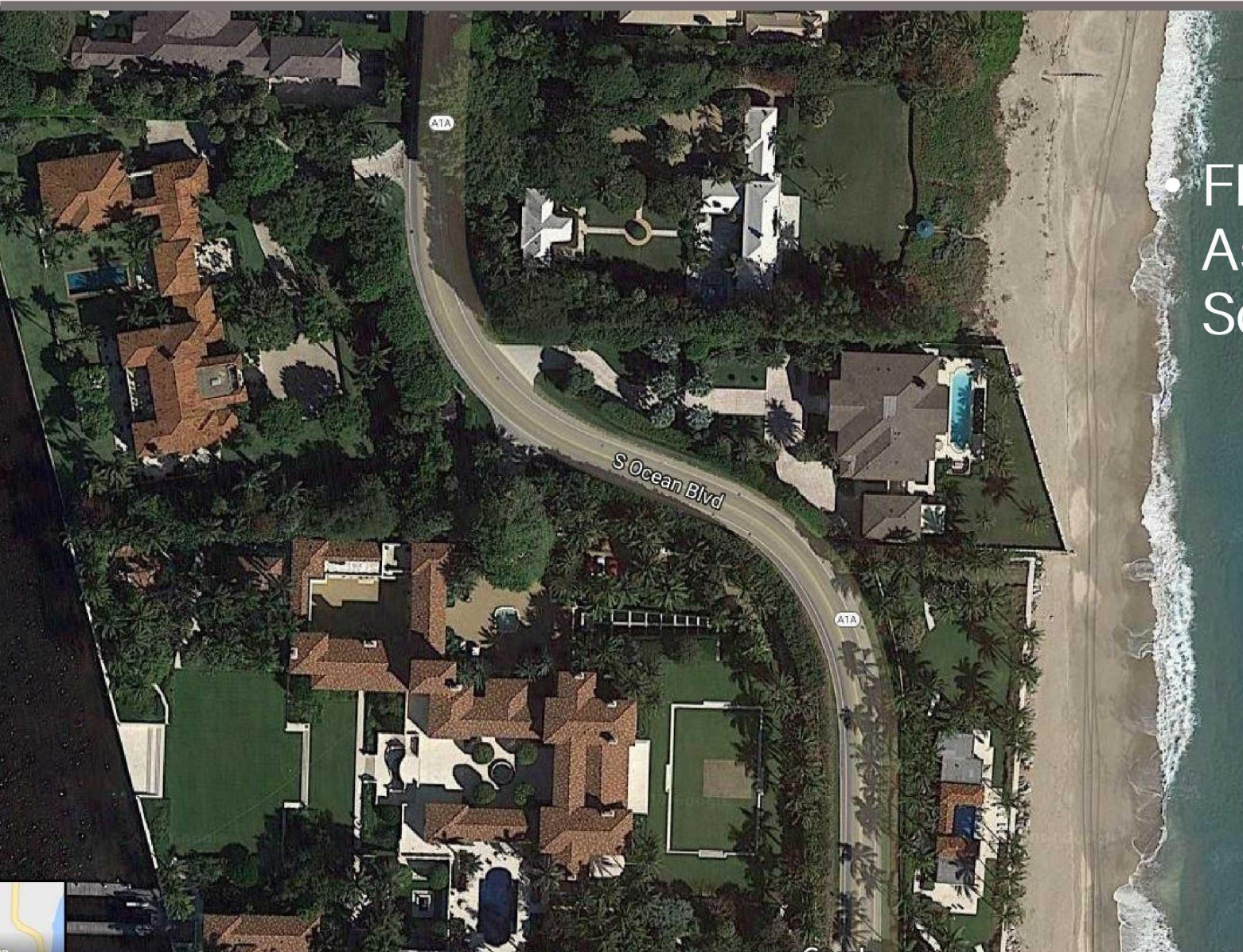
Questions



FDOT Safety Study

Kimley»Horn

Overview



- FDOT Prepared Study to Assess Safety at 1400-Block of South Ocean Boulevard
 - Existing Conditions
 - Three Years of Crash Data
 - Site Review
 - Design Characteristics



Existing Conditions

- Two 11-Foot Lanes
- Shoulders vary from 2 to 6 feet wide
- Speed Limit – 25 mph
- No street lighting
- Pavement in good condition
- 9,200 vehicles per day

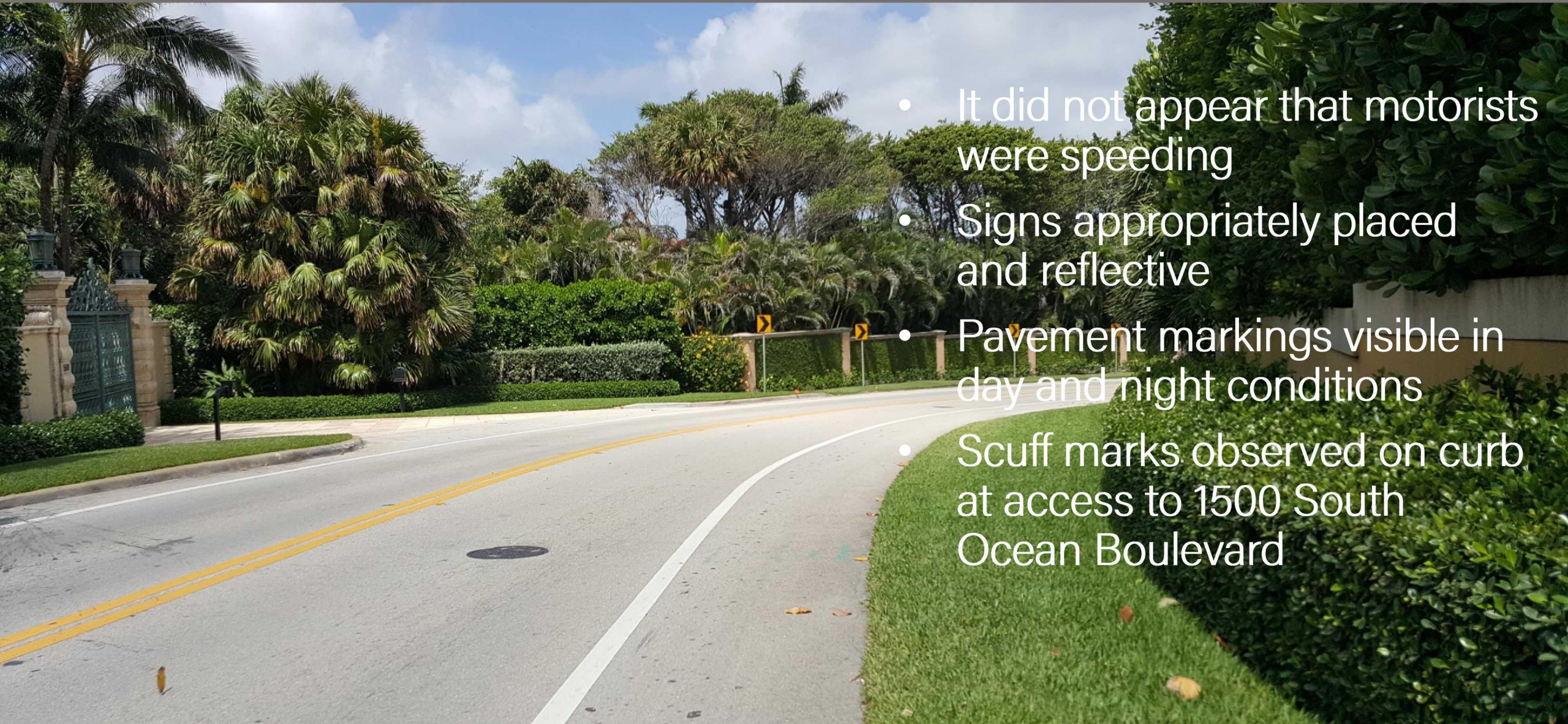


Crash Data Analysis

- Three crashes between 2012 and 2014
- 1 Bicycle
- 2 Vehicles
- This segment is not on the FDOT High Crash List of roads
- 1 crash was during Maintenance of Traffic – may have distracted the driver
- 1 crash involved a motorist who may have fallen asleep



FDOT Site Review



- It did not appear that motorists were speeding
- Signs appropriately placed and reflective
- Pavement markings visible in day and night conditions
- Scuff marks observed on curb at access to 1500 South Ocean Boulevard



Evaluation of Roadway Geometry

- Roadway geometry reviewed and compared to national standards
 - Lane width = Meets standard
 - Shoulder width = Meets standard
 - Stopping Sight Distance = Not standard
 - Does not affect run-off-road crashes
 - Radius = Meets Standard



Summary and Recommendations



- Roadway geometry meets the required standards
- Signage and pavement markings are appropriate and in good condition
- FDOT should consider installing Internally Illuminated Raised Pavement Markers along edge lines
- Improvement cost estimated at \$2,980,500

