

## **PUBLIC WORKS COMMITTEE**

9:00 a.m., Thursday, January 3, 2019

Council Chambers

1207 Palm Boulevard, Isle of Palms, South Carolina

### **AGENDA**

1. Call to order and acknowledgement that the press and public were duly notified of the meeting in accordance with the Freedom of Information Act
2. **Election of Chair and Vice Chair**
3. **Approval of Previous Meeting's Minutes**  
Regular Meeting of November 18, 2018
4. **Citizens' Comments**
5. **Department Reports for November & December 2018 – Director Pitts**  
Vehicle Maintenance and Trash Collection Tracking Reports
6. **Old Business**
  - A. Update on Phase II Drainage project
  - B. Update on removal/replacement of underground storage tanks at the IOP Marina
  - C. Update on trashcans with lids on the beach
  - D. Update on ditches and drainage issues
    - at 21<sup>st</sup> – 22<sup>nd</sup> Avenues
    - at 31<sup>st</sup> – 32<sup>nd</sup> Avenues
    - between 30<sup>th</sup> and 31<sup>st</sup> Hartnett
    - 32 Thirty-second Avenue
    - 267 Forest Trail
  - E. Consideration of expanding plastics ban and discussion of differences between the Isle of Palms ordinance and the ordinances for Mount Pleasant, Sullivan's Island and Charleston
7. **New Business**
  - A. Consideration of proposal to install flap gate on Tabby Lane
  - B. Discussion of FY20 Budget and 10-year Capital Plan
7. **Miscellaneous Business**

Next Meeting Date: 9:00 a.m., Thursday, February 6, 2019 in the Conference Room
8. **Executive Session in accordance with S.C. Code Section 30-4-70(a)(2) – if needed**  
Upon return to open session, Council may take action on matters discussed in Executive Session.
9. **Adjournment**

**PUBLIC WORKS COMMITTEE**  
9:00 a.m., Thursday, November 8, 2018

The regular meeting of the Public Works Committee was held at 9:00 a.m., Thursday, November 8, 2018 in Council Chambers of City Hall, 1207 Palm Boulevard, Isle of Palms, South Carolina. Attending the meeting were Councilmembers Buckhannon and Chair Rice, Interim Administrator Fragoso, Public Works Director Pitts, and Clerk Copeland; a quorum was present to conduct business. Councilmember Kinghorn was absent.

1. Chair Rice called the meeting to order and acknowledged that the press and public were duly notified of the meeting in accordance with the Freedom of Information Act.

2. **Approval of Previous Meeting's Minutes**

**MOTION:** Councilmember Buckhannon moved to approve the minutes of the regular meeting of October 4, 2018 as submitted; Chair Rice seconded and the motion **PASSED UNANIMOUSLY**.

3. **Citizens' Comments – None**

**MOTION:** Councilmember Buckhannon moved to re-order the Agenda to address Item A under New Business; Chair Rice seconded and the motion was **UNANIMOUSLY APPROVED**.

6. **New Business**

A. **Consideration of Recommendation from the Planning Commission to award a contract to Thomas & Hutton for Phase III Drainage project – Presentation by Thomas & Hutton**

Mark Yodice of Thomas & Hutton distributed an abbreviated version of the information contained in the meeting packet; a copy of the handout will be attached to the historical record of the meeting. Rick Karkowski introduced himself as the project manager and heads up Thomas & Hutton's Water Resources Department that deals with flood control projects, drainage and capital improvements for various municipalities; Hillary Aton was introduced as the primary designer and engineer on the project; and Mark Yodice oversees quality control and has a lot of experience on the island. Surveying would be done by Thomas & Hutton's surveyors led by Elliotte Quinn; utility relocations would be spearheaded by Ken Nagel; the GIS and information manager will be Brian Durham; and Jennifer Hayes will be the structural engineer. A few sub-contractors on the project will be Brian Shriver of Terracon who will be responsible for geotechnical; Will Salters of Terracon and Ned Fernandez of Arcadis who will handle permitting and grant funding advising; and Andy Ruocco of Terracon will work on wetlands and critical areas permitting and funding plus pursuing FEMA grants where available.

At this point, Mr. Karkowski reviewed Thomas & Hutton's understanding of the project as identifying the area on the back of the island to be sealed from the intrusion of tidal waters back into the drainage system. In accomplishing that, they must design and permit drainage system outfalls that will seal the tidal water while allowing existing and future levels of stormwater to exit. The system should be designed anticipating reasonable expectations of sea level rise, an increase of impervious surfaces on the island as well as a high level of soil saturation before

storms. The system design should be able to have kept out flood-waters associated with Hurricane Joaquin from damaging houses.

Ms. Aton stated that the 30<sup>th</sup> Avenue outfall consists primarily of storm drainage systems and ditches that direct storm drainage to 30<sup>th</sup> Avenue and north to the Intracoastal Waterway. The second water basin is very large and consists mainly of canals that direct drainage to a main canal heading north to the Intracoastal Waterway. The third basin served by the 41<sup>st</sup> Avenue outfall sends stormwater drainage through small drain systems to the ditch running along 41<sup>st</sup> Avenue.

Chair Rice commented that, since the RFP was advertised, she and the Public Works Director have found an area in Forest Trail without any stormwater infrastructure, namely, 267 Forest Trail and Sparrow that affect maybe ten (10) houses. She wanted to find a way to include the area in this project, and Mr. Karkowski assured her that they would have a proposal for the City to consider.

Director Kerr stated that the area in question was a microcosm for huge parts of the island; therefore, the plan is hyper-focused on the ends of the drainage systems. The Director added that once these areas are improved, the City would face a great deal of work within each basin in addition to getting the water to where it needs to go now.

Interim Administrator Fragoso suggested that the City might be interested in getting guidance from Thomas & Hutton on proposed policy changes that could address the impact of new development now and not fifteen (15) years down the road.

Mr. Karkowski said that the project would require a myriad of permits; they would be issued by Charleston County, SCDOT, DHEC-OCRM SCE&G and the IOP WSC, to name a few. Thomas & Hutton believes that permits relating to the wetlands and critical areas will be the challenges; it could ultimately result in Charleston County and the City “ganging up on” OCRM. The outfalls improvements being considered will have a significant impact on critical areas and require significant permitting, and it has been anticipated in the plan and in the budget. An area of concern relative to critical areas was the potential requirement for mitigation, either turning a highland into a critical area or buying credits “which are incredibly expensive.”

They have identified many outside funding opportunities from FEMA in the form of hazard mitigation grants, pre-disaster mitigation grants, flood mitigation assistance, and economic development grants.

Mr. Karkowski concluded his remarks stating that Thomas & Hutton has the experience and expertise for this project as well as the resources.

Chair Rice asked about a timeline from design until completion, and Mr. Karkowski stated that they have developed a timeline that is aggressive and assumes that all of the players are cooperative and agreeable.

Director Kerr related the Planning Commission’s thought processes as getting Thomas & Hutton under contract to do the investigative work and come back to the City with several options with cost estimates from which City Council could choose the direction it will take. The City would then enter into another contract with Thomas & Hutton to do the design and engineering, permitting, etc., to make the project “shovel ready.” And, finally, the City would enter into a contract for the actual construction.

Since the first phase does not include any permitting, it should go relatively quickly; Thomas & Hutton would meet with the permitting agencies to discuss the project and get an understanding of their position on it. They feel this part of the project would take three or four (3 – 4) months.

Interim Administrator Fragoso stated that the City stresses to residents that open ditches are better than piped ditches so she asked Mr. Karkowski why they were advocating some piped ditches in their plans since they would reduce the capacity.

Mr. Karkowski agreed that open ditches were preferred, but they would be seeking a balance with costs, capacity, and maintenance; in some cases, pipes allow for better maintenance.

Councilmember Buckhannon commented to the fact that tidal flooding was a major issue in the area of 41<sup>st</sup> Avenue.

**MOTION: Councilmember Buckhannon moved to recommend to Ways and Means the award of a contract to Thomas & Hutton for the first phase of the drainage outfalls project; Chair Rice seconded and the motion PASSED UNANIMOUSLY.**

**MOTION: Councilmember Rice moved to re-order the Agenda to address Item B under New Business at this time; Councilmember Rice seconded and the motion PASSED UNANIMOUSLY.**

**B. Discussion of Memorandum of Understanding between the City and the IOP Water and Sewer Commission regarding the extension of public sewer throughout the island**

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The Interim Administrator noted that a draft of the Memorandum of Understanding (MOU) was in the meeting packet and that it has not been completed. Mark Yodice with Thomas & Hutton has worked closely with the Water and Sewer Commission and former City Administrator Emerita Tucker on this document; the missing piece is the Master Plan that is expected to be completed in two to three (2 – 3) weeks. Once the document is complete, City staff will schedule another meeting with the Water and Sewer Commission to get their feedback on the MOU in order to finalize it. As noted in the draft document, IOP WSC has engaged the services of a rate consultant, but the City has not seen any of this work. Ms. Tucker also researched possible funding sources for this project.

Mark Yodice told the Committee that extending sewer to the entire island was presented as a phased project that could be combined with stormwater projects the City was planning to do; he added that packaged projects were easier to get funding.

**4. Departmental Reports for October 2018 – Director Pitts**

Director Pitts reported that, in October, garbage collection was down again and debris collections were nearly the same as October FY18. In his opinion, the highlight for the month was the work done at 42<sup>nd</sup> Avenue and 31A beach access paths where new matting was installed. Although he kept the old matting from 31A, he has chosen not to re-use it at this time. He also noted that, with the reduction in beach activity, the beach does not have the quantity of debris it had over the summer. In addition, Public Works personnel mowed the right-of-way between 21<sup>st</sup> and 41<sup>st</sup> Avenues; he stated that he had mowed all of the beach access paths to the point that he was comfortable without intruding on the OCRM area. Eadies has started the open ditch maintenance, particularly at 2<sup>nd</sup> Avenue and Carolina, other open ditches in the middle of the island and the 41<sup>st</sup>

Avenue ditch; they also cut the overhang. He commented that vehicle maintenance was well within budget with expenditures to date at thirteen thousand seven hundred dollars (\$13,700) and at fifty-five hundred (\$5,500) for the month that included a couple of major PMs and more to be done in this month.

## **5. Old Business**

### **A. Update on Phase II Drainage project**

Interim Administrator reported that the crew is now working its way down 49th Avenue, and the additional crew will be starting their work soon. The updated schedule has the work being completed in mid-December assuming no additional weather delays occur. The Interim Administrator stated that she was keeping the Rural Infrastructure Authority up to date on the progress of the project; she reported that she and the Treasurer have started the reimbursement process since the City has exceeded the reimbursement amount of five hundred thousand dollars (\$500,000) in construction expenses.

### **B. Update on removal/replacement of underground storage tanks at the Public Works site**

Director Pitts informed the Committee that the only thing the City was waiting on was the updated application stamp of approval from DHEC UST in Columbia to be allowed to disperse fuel.

### **C. Update on trashcans with lids on the beach**

The only update the Director had was that the apparatus used to empty the cans on the beach was compatible with the cans being looked at. He explained to the vendor that people will not open the tops which was the reason the Committee was looking at the cans with the opening at the sides. He also confirmed that the cost per can is three hundred dollars (\$300), and the vendor would not provide a can for testing; if the City wants to test a trashcan with a lid, it must buy it.

Chair Rice asked the Director if the vendor would bring one (1) of these cans to a meeting for them to look at and discuss; he stated that he would ask. She also opined that the City should go all in and replace all of the cans, not just nine or twelve (9 – 12); Councilmember Buckhannon thought replacement could be phased due to the significant up front cost.

Director Pitts stated that he would like to see these cans deployed in the median on Ocean Boulevard in the commercial district, but he wanted to see it before acting.

Interim Administrator Fragoso thought that replacing the iconic yellow barrels could be emotional for some people who feel that they somehow define the Isle of Palms, and she thought that aspect should be a part of any decision.

Chair Rice voiced concern about the size of the opening on the top; Director Pitts stated that the opening on the cans he was seeing were on the sides and the top flips back for servicing. The Chair repeated her concern that, if the holes were not big enough, people would not stuff their garbage in them.

Chair Rice repeated her appeal to the Director to contact the vendor about bringing one (1) of these trashcans for the Committee to see.

**D. Update on ditches and drainage issues**

- **At 21<sup>st</sup> – 22<sup>nd</sup> Avenues**

The Director reported that this ditch was one (1) cleaned by Eadies including the pipe, and that has been done. He stated that the pipe would not be removed and the ditch opened up until he was instructed to do so by the Committee.

The Chair noted that, since this pipe was installed without authorization, it has generated major flooding in the neighborhood.

The Interim Administrator was of the opinion that David Stevens should look at the ditch and the City should get a proposal from Charleston County to actually remove the pipe.

- **At 31<sup>st</sup> - 32<sup>nd</sup> Avenue**

Director Pitts had nothing to report.

- **Between 30<sup>th</sup> and 31<sup>st</sup> on Hartnett**

The Chair commented that the same issue as discussed before was the problem with this particular ditch— a closed ditch that used to be open, and the residents want it re-opened.

- **32 Thirty-second Avenue**

Interim Administrator Fragoso reported City staff had met with the property owners and engineers from Charleston County where the engineers laid out their findings and recommendations, as well as a tentative schedule of their approach for the improvements to the ditch.

This week the County has deployed a vacuum truck to clean the ditch followed by restructuring the ditch. The plan is to put some base material in the ditch to rebuild and to make the ditch more stable; this work will likely be done in January.

The Interim Administrator stated that the County has been very responsive; they appear to realize this is a priority since the property owner has been coming to the City for two (2) years to get some relief from the flooding in his property.

- **267 Forest Trail**

The status of this ditch was discussed with Thomas & Hutton.

**E. Consideration of assignment of City's contract with Schupp Enterprises to JLG Enterprises**

Interim Administrator Fragoso reminded the Committee that the Garrells attended the October committee meeting, but he did not speak since he was not included in the Agenda; at that time, he also had not gone any test runs of the equipment with Bill Schupp. Since then, Mr. Garrells has gotten his training on the equipment and the process, and Mr. Schupp has stated that he was comfortable that Mr. Garrells could do the work up to the City's standards. She also reported that she and Director Pitts have subsequently met with the buyers and gone through the City's contract for trash collections on the beach in detail and the Garrells appeared to be most enthusiastic about taking over the contract. Their hope was to have everything done by January 1, 2019; although the Garrells are on vacation, Mr. Schupp reported that he was working with their attorney on the contract. The Interim Administrator reminded the Committee that they had previously discussed approving the assignment with a one (1) year probationary period.

Councilmember Buckhannon asked what the City's position would be if the Committee felt that they had not done the job to the City's standards, and the City wanted to sever ties.

According to the Interim Administrator, the City would be able to cancel the contract for cause with no type of penalty. She noted that the Garrells live on the island and understand its idiosyncrasies; additionally they were on the beach daily due to their other business, renting beach chairs and umbrellas. She stated that she and Director Pitts were satisfied with their understanding of the City's expectations.

**MOTION: Councilmember Buckhannon moved to recommend to the Ways and Means Committee the approval of the assignment of the City's contract with Schupp Enterprises to JLG Enterprise with a probationary period of 1 year; Chair Rice seconded and the motion PASSED UNANIMOUSLY.**

**F. Consideration of expanding plastics ban and differences between the Isle of Palms' ordinance and the ordinances for Mount Pleasant and Sullivan's Island**

Chair Rice stated that she had asked that this item be on the Agenda because she would like the Interim City Attorney to review these ordinances and to bring the differences to the Committee for consideration. She opined that it would be better if the three (3) local governments had the same prohibitions.

**6. New Business**

**Items A and B were discussed at the beginning of the meeting.**

**C. Discussion of improving the beach access paths**

Director Pitts stated that he had discussed two (2) access paths earlier, and he thought access 38A could become another handicap access on the island. The dune at the end is small and the path is relatively straight bringing the total number of handicap accesses on the island to eleven (11). Since he has the Mobi-mat in stock, the only things necessary would be shell sand sand for Peterson Grading to level it; Public Works personnel would install the Mobi-mat. The Director did not think the expense would exceed thirty-five hundred dollars (\$3,500), and he was confident the money could be found in the budget to cover it.

Chair Rice commented that having more handicap accesses was something the residents were very vocal about wanting.

The Interim Administrator stated that she and Director Pitts were discussing ways to improve other beach accesses as well with the addition of sand shell and leveling.

The Director repeated that, in the beach season with twice a week garbage collection, garbage collection was all the Department could do; he was, therefore, suggesting that the City budget funds to hire someone to keep the beach accesses mowed in the summer at least twice a month.

**D. Consideration of increasing the landscape contract to include some beach access paths during the summer months**

Director Pitts initiated this discussion in the item above. Interim Administrator Fragoso stated that staff has asked The Greenery how much the City's expense would increase if they were to add the maintenance of certain beach accesses to the contract. They quoted the City four hundred fifty dollars (\$450) a month for twice a month maintenance of some beach accesses between March 1<sup>st</sup> and August 31<sup>st</sup>.

Responding to Chair Rice, the Interim Administrator said that staff was considering the ten (10) beach accesses most heavily utilized to begin, and funds were in the budget to pay for the increase. Director Pitts was thinking that the paths to be included would be the ten and twelve (10 – 12) foot accesses.

Councilmember Buckhannon stated that the only golf cart accessible beach access was at 23<sup>rd</sup> Avenue, and Director Pitts stated that he had mowed the areas where the golf carts park and turnaround. The Director said that this access would be on the list for The Greenery.

#### **E. Discussion of Eadies work on 41<sup>st</sup> Avenue**

Director Pitts told the Committee that the pipe under Marginal Road off 41<sup>st</sup> Avenue was broken; the Director explained that the pipe must be vacuumed out so that it can be camera-ed. He also noted that an original gate valve in the pipe that was in disrepair and will make the repairs to the pipe more expensive.

Interim Administrator Fragoso said that she has talked with David Stevens about this situation, and he said that this break and the asphalt deterioration could mean more problems down the pipe.

#### **7. Miscellaneous Business**

After a brief discussion, the Committee agreed to continue holding its meetings on the first Thursday of the month at 9:00 a.m.

Next Meeting Date: 9:00 a.m., Thursday, January 3, 2019 in the Conference Room

#### **8. Executive Session – not needed**

#### **9. Adjourn**

**MOTION: Councilmember Buckhannon moved to adjourn the meeting at 10:37 a.m.; Chair Rice seconded and the motion PASSED UNANIMOUSLY.**

Respectfully submitted:

Marie Copeland  
City Clerk





668 Marina Drive, Suite B-1  
Charleston, SC 29492  
PH: (843) 849-8945 ♦ Fax: (843) 849-8974  
[cse@civilsiteenv.com](mailto:cse@civilsiteenv.com)

December 12, 2018

Max G. Crosby Construction Co., Inc.  
Jamison R. Howard  
721 Long Point Road, Suite 408  
Mt. Pleasant, SC 29464

Re: Tabby Lane Flap Gate

Dear Jamison,

CSE appreciates the opportunity to provide you an engineering estimate for the above referenced project.

Surveying	\$ 2,500.00
Engineering - Drawings & Design	\$ 5,000.00
Inspection & Meetings	<u>\$ 2,500.00</u>
	\$10,000.00

Billing shall be done on an hourly basis and is based on the attached rate sheet. Invoices will be sent out on the 25<sup>th</sup> of each month with payment due on the 5<sup>th</sup> of the following month.

This proposal does **not** include:

- 1) Any freshwater or saltwater wetland delineation or permitting
- 2) Construction observation to be done at \$125.00 per hour.
- 3) Any application or review fees of any sort.
- 4) Blueprinting or reproduction costs.
- 5) Geotechnical testing or foundation design.
- 6) Archeological testing.

- 7) Any offsite design or construction drawings, if required.
- 8) Landscape Design

CSE is assuming a one time tracking of this project. If changes are made after a major portion of work has been completed, to be determined by CSE, a change order may be required.

If you agree to this proposal, please sign on the line below.

If you have any questions, please give me a call.

Sincerely,

A handwritten signature in black ink, appearing to read 'F. David Stevens', written over a horizontal line.

F. David Stevens, PE

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*Client Name*

*Date*

## CSE RATE SHEET

Engineer (PE).....	\$125.00/Hour
Asst. Engineer (EIT) .....	\$105.00/Hour
Technician.....	\$95.00/Hour
Administrative.....	\$60.50/Hour
Copies (Drawings):	
Full Size (24x36).....	\$ .25/Sq. Ft.
Half Size (12x18).....	\$ .25/Sq. Ft.
Copies (Letter) .....	\$ .15/Each
Mileage.....	\$ .545/Mile*

**\*NOTE:** ALL APPLICATION FEES, PERMIT FEES, IMPACT FEES, ETC. PAID BY THE CLIENT. BILLING WILL BE SENT OUT ON THE 25<sup>th</sup> OF EACH MONTH WITH PAYMENT DUE BY THE 5<sup>th</sup> OF THE FOLLOWING MONTH.

\*Mileage is based IRS Standard Mileage Rates for the current tax year.

# **PLASTIC BAN**

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**OPTIONS FOR IOP**

# **CURRENT IOP ORDINANCE:**

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- **Adopted in 2015 and effective immediately**
- **Bans single-use plastic bags**
- **Exemptions mirror all surrounding municipalities**
- **Enforced by Police Department and Livability officer.**



# JAMES ISLAND

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- **Ordinance No.: 29-16 passed in 2016**
- **Bans only Single-Use Plastic Bags at Point of Sale.**
- **Enforced by Public Safety Department.**
- **Identical to Isle of Palms.**

# TOWN OF MOUNT PLEASANT

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- **Passed 8-1 in April of 2018; one year trigger (April 2019)**
- **Bans Single-Use Plastic Bags, Straws, Stirrers, single-use napkins, any polystyrene product.**
- **Requires that all businesses that provide the above at point of sale shift to recyclable or compostable substitutes.**
- **Two amendments passed in October:**
  - **Removes the provision that allowed businesses to provide these banned items upon customer request.**
  - **Exempts use of straws to accommodate those with disabilities.**
  - **Enforced by Police Department.**

# SULLIVAN'S ISLAND

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- **Passed in November 2018; triggers December 1, 2018**
- **Bans Single-Use Plastic Bags, Plastic Straws, Polystyrene at point of sale. Expressly bans the use of all SU bags, straws and polystyrene on the beach, meaning carrying any of these items on the beach from your car is prohibited.**
- **Exempts plastic drink lids and cutlery, among other things.**
- **Enforced through the Police Department.**



# CITY OF CHARLESTON

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- **Passed November 2018; triggers January 1, 2020**
- **Bans SU Plastic Bags, Straws, Stirrers, Polystyrene at point of sale**
- **Exempts meat trays, egg cartons, plastic drink lids, cutlery and to-go condiments packages, among other things.**
- **Enforced by the Livability and Tourism Department.**

# THINGS TO CONSIDER:

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- **General Assembly's plan to address this in 2019.**
- **Will we be grandfathered?**
- **Walmart's antics in Beaufort with the mils requirement and the definition of reusable bag:** Bag thickness is measured by mils, or thousandths of an inch. A typical plastic grocery bag is 0.5 mils. A reusable bag at 2.25 mils is about the thickness of an Apple Store bag...a 4-mil standard is comparable to the totes sold at Trader Joe's.
- **Do we also want to expand the mil requirement from 2.25 to 4?**
- **Exemption for disability needs?**

	A	B	C	D	E	F	G	H	I	J	K	L	M
1		City of Isle of Palms 10-Year Capital Plan											
2		Expenditures for assets or special projects > \$5000 **Expenditures less than \$5,000 are included in operating budgets**											
3				Total Needs from All Funds									
5	Total		FY 20										
6	Fleet		DEPARTMENT		FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29
7			REQUESTS										
127		Public Works Department											
129	1	1998 Mack (PW14) (currently used for miscellaneous work, will not be replaced when it fails)											
130	1	Replace 2006 Mack w/ 20yd Packer (PW2)			170,000								
131	1	Replace 2008 Mack w/ 31yd Loadmaster Packer (PW22)							255,000				
132	1	Replace 2009 Mack w/ 31yd Loadmaster Packer (PW24)										270,000	
133	1	Replace 2014 Mack w/ 30yd Packer (PW26) in FY30											
134	1	Replace 2016 Mack w/ 30yd Packer (PW16) in FY31											
135	1	Replace 2018 Mack w/ 30yd Packer (PW28) in FY33											
136	1	Replace 2006 Caterpillar trash loader						158,000					
138	1	2002 Mack Flatbed (PW 18) (keep as spare to help with yard debris, re-evaluate before replacing)											
139	1	Replace 2003 Mack Flatbed (PW 21)			110,000								
140	1	Replace 2018 Mack Flatbed (PW 27) (repl in approx FY33)											
141	1	Replace 2008 F250 4x4 (currently used as a spare, need to evaluate before replacing)			34,000						35,000		
142	1	Replace 2018 4x4 pickup truck							35,000				
143	1	Replace 2014 F150 4x4	34,000							35,000			
144	1	Replace 2016 Ford F350 4x4 with hopper				48,000						50,000	
145	1	Replace 2017 Ford F250 with hopper					35,000						
146	1	Add Ford F150 for Asst Director (re-budget from FY19)	33,500							35,000			
147		Radio Replacements - replace w/ failure using old PD/FD radios	-										
148		Replace four 4-in flood water pumps as needed				20,000							
149		Replace z-track mower for rights of way			15,000						20,000		
150		Replace Skid Steer purchased in FY16				60,000							
151		Replace Fuel management system purchased in FY12						40,000					
152		Repl front beach trash compactor purchased in FY15									60,000		
153		Building maintenance contingency - per PWD Director, the major components of the Hill Report will be addressed in FY19. Moving forward, a \$25,000 maint contingency should be sufficient to address ongoing needs - will refine this approach as the budget progresses.	25,000		25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
154	17	Subtotal Capital	92,500		184,000	153,000	230,000	223,000	315,000	95,000	140,000	345,000	25,000
156		Special Projects											
157		General drainage contingency for small projects	70,000		70,000	70,000	70,000	70,000	70,000	70,000	70,000	70,000	70,000
158		Repeat drainage work based on 3-year maintenance rotation	184,538		198,288	187,038	184,538	198,288	187,038	184,538	198,288	187,038	184,538
159		Phase 3-5 Drainage (per DK schedule)	700,000		1,500,000	4,800,000	2,400,000	2,400,000	3,600,000	3,600,000	3,600,000	-	-
161		Subtotal Special Projects	954,538		1,768,288	5,057,038	2,654,538	2,668,288	3,857,038	3,854,538	3,868,288	257,038	254,538
163		Assign Fund Balance for Future Expenditures											
164		- No provision in FY20-FY29 given cash needs for other projects - need to discuss this approach as budget progresses								-	-	-	-
165		Subtotal Assignment of Fund Balance	-		-	-	-	-	-	-	-	-	-
167		Grand Total Public Works Department	1,047,038		1,952,288	5,210,038	2,884,538	2,891,288	4,172,038	3,949,538	4,008,288	602,038	279,538