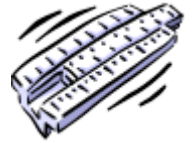


***PUBLIC WORKS DEPARTMENT  
Monthly Report***

***Kevin D. Blayton, PE  
Director***



***ENGINEERING DIVISION  
Travis Dupree, PE  
Engineering Manager***



***SANITATION DIVISION  
Lent Williams, Superintendent***



***STREET & DRAINAGE DIVISION  
Robert Turner, Superintendent***



***UTILITY DIVISION  
Ralph Norris, Superintendent***



***February 2018***

# Public Works Department

## *Monthly Statistics*

	2017	2016
<b>Water Supply &amp; Demand – December</b>		
• Monthly Avg. Day System	3.6 MGD	3.6 MGD
• Average Day Measured**	3.9 MGD	4.7 MGD
• Monthly Total System Water	111,992,650 Gallons	110,749,800 Gallons
• Billed Water**	106,063,000 Gallons	139,970,000 Gallons
<b>Wastewater Collection &amp; Treatment - December</b>		
• Monthly Average Daily Flow	2.9 MGD	3.0 MGD
• Monthly Peak Daily Flow	3.8 MGD	2.4 MGD
• Total Metered Flow**	3.4 MGD	3.2 MGD
• Billed Usage**	106,063,000 Gallons	98,145,000 Gallons
• Unbilled Usage**	499,000 Gallons	551,000 Gallons
<b>Solid Waste Collection &amp; Disposal – December</b>		
• Volume		
○ MSW	659 Tons	714 Tons
○ Yard Waste	277 Tons	372 Tons
○ Recycled (Includes E-Waste)	147 Tons	147 Tons
○ C & D	164 Tons	128 Tons
○ Total Pick-up/Disposal	1,247 Tons	1,361 Tons
• Recycling %	22.3%	20.6%
• Landfill Disposal Cost	\$33,039	\$31,644

\*\*Includes portion of current month and prior month based on meter reading schedule

### *Departmental Notes – February 2018*

- *Capital Project Update attached*
- *CCU Monthly Report –*
- *City Dune restoration underway Cherry Grove and Windy Hill.*

# Public Works Department Capital Improvement Project Update

## *Water and Sewer System Improvements*

<b>Description</b>	<b>Location</b>	<b>Engineer / Contractor</b>	<b>Funding Source / Cost</b>	<b>Status</b>	<b>Progress &amp; Goal</b>
Water System Improvements - CG	East Cherry Grove	Dupree	Impact	Construction 0%	Begin Construction - February 2018
		City Force/ R.H. Moore	\$1,500,000		
Sewer System Improvements - OD	Ocean Drive – Tilghman Section	Dupree	Impact	Construction 50%	Continue Construction
		RH Moore	\$2,750,000		
South Ocean Boulevard Water/Sewer Crescent Beach	17 <sup>th</sup> Avenue South to 28 <sup>th</sup> Avenue South	DDC	Impact	Construction 75%	Continue Construction
		RH Moore	\$2,000,000		
AIWW Retaining Wall	Ocean Drive WWTP	Dupree	WWTP	Construction 95%	Continue Construction
		Greenwall	\$1,435,000		
		City Force	\$175,000		
Riverside Drive Sewer	Riverside Dr. LRN Rd. to end	Dupree	\$175,000	Design 10%	Continue Designs - Obtain Easements
		TBD			
Water Tank Barefoot BPS	Bridge Road @ Windy Hill Ext.	TBD	Impact	Preliminary Design	Select Consultant
		TBD	TBD		
North Transmission Water Line	Vereen Road	TBD	Impact	Preliminary Design	Select Consultant
		TBD	TBD		
Sewer Force Main Replacement	Cherry Grove	Dupree	Impact	Preliminary Design	Model Analysis
		TBD	TBD		

### *Storm Drainage System Improvements*

<b>Description</b>	<b>Location</b>	<b>Engineer / Contractor</b>	<b>Funding Source / Cost</b>	<b>Status</b>	<b>Progress &amp; Goal</b>
Priority Group 2 Drainage System Improvements	Various	Dupree	Stormwater	90% Design	Continue Survey & Design
		TBD	\$700,000		
Priority Group 1 Drainage System Improvements	LRNR – Magnolia Drive Pond 11 <sup>th</sup> Avenue North – Bellamy Rd 5 <sup>th</sup> Avenue South to 6 <sup>th</sup> Avenue South Pine Street	Dupree	Stormwater	Construction 90%	Continue Construction
		AASAP Construction	\$660,000		
18 <sup>th</sup> Avenue North Ocean Outfall	Ocean Drive	DDC	Stormwater	Preliminary Design	Permit Extension Obtained Begin Construction Fall 2018
		TBD	TBD		

### *Beach Improvements*

<b>Description</b>	<b>Location</b>	<b>Engineer / Contractor</b>	<b>Funding Source / Cost</b>	<b>Status</b>	<b>Progress &amp; Goal</b>
Beach Dune Restoration	Various	City/ AO Hardee	Dredging \$616,000	Construction 60%	Continue Construction
		Thompson	Street Improvement		
Beach Access Handicap Boardwalks - 2017	8 <sup>th</sup> Ave N 23 <sup>rd</sup> Ave S 57 <sup>th</sup> Ave N	Sellers Construction	\$100,000	Construction 70%	Begin Construction
		USACE	Beach		
Beach Renourishment	CG, WH, CB	GLDD	USACE	2017 Emergency Work Complete	USACE Bid 2018 Emergency work

## *Street Improvements*

<b>Description</b>	<b>Location</b>	<b>Engineer / Contractor</b>	<b>Funding Source / Cost</b>	<b>Status</b>	<b>Progress &amp; Goal</b>
11 <sup>th</sup> Ave N Widening	11 <sup>th</sup> Ave N – Hwy 17 to Golfview Drive	Stantec	Developer/Street Improvement/CTC	Construction – 70%	Continue Construction
		RH Moore	\$2,750,000		
South Ocean Blvd Widening Crescent Beach	17 <sup>th</sup> Ave S to 28 <sup>th</sup> Ave S	Stantec	SCDOT - GSATS	Construction - 5%	Begin Construction –
		TBD	\$3,950,000		
South Ocean Boulevard ECT Crescent Beach	17 <sup>th</sup> Avenue South to 28 <sup>th</sup> Avenue South	DDC	Franchise	Construction – 75%	Continue Construction
		RH Moore	\$8,000,000		
Highway 17 Intersections Windy Hill	Ocean Creek to Barefoot Resort Bridge Rd.	SCDOT - STV	SCDOT - GSATS	Construction – 95%	Continue Construction Traffic Signal Mast Arm Installation
		Palmetto	\$3,329,000		
Highway 17 ECT Windy Hill	Ocean Creek to WH Rd. Ext.	DDC	Franchise Fund	Construction - 95%	Pull wire set equipment remove poles
		Greenwall Construction	\$5,800,000		
NOB ECT Cherry Grove	Sea Mountain Hwy to 29 <sup>th</sup> Ave North	Mead & Hunt	Franchise	Construction – 100%	Utilities to pull cables Winter 2017/Spring 2018
		Carolina Conduit	\$2,000,000		
Resurfacing – Spring 2018	Various	Dupree	Street Improvement	Design - 90%	Construction Spring 2018
		TBD			
Lake Avenue Boardwalk	Cherry Grove Marsh along Lake Ave. @ Burgess Preserve	Thompson	Street Improvement	Preliminary design complete	Construction deferred
		TBD	\$750,000 Estimate		

## *Street Improvements*

<b>Description</b>	<b>Location</b>	<b>Engineer / Contractor</b>	<b>Funding Source / Cost</b>	<b>Status</b>	<b>Progress &amp; Goal</b>
2 <sup>nd</sup> Avenue North Widening	Highway 17 at 2 <sup>nd</sup> Avenue North	Dupree	Street Improvement	Design complete.	Construction Spring 2018
		TBD	\$95,000		
Resurfacing – Fall 2017	Various	Dupree	Street Improvement	Construction – 100%	Continue Construction
		TBD	\$1,500,000		
RIDE III Street Resurfacing	Citywide	City	RIDE III	Design – 90%	Construct Spring 2018
		TBD	\$985,512		
NOB ECT 29 <sup>th</sup> N to 34 <sup>th</sup> N	Cherry Grove	Mead & Hunt	Franchise Fund	Design – 75%	Continue Design
		TBD	\$2,000,000		