

PUBLIC WORKS DEPARTMENT
Monthly Report

Kevin D. Blayton, PE
Director



ENGINEERING DIVISION
Dana Hamilton, PE, Engineering Manager



UTILITY DIVISION
Ralph Norris, Operations Manager



STREET & DRAINAGE DIVISION
Robert Turner, Operations Manager



SANITATION DIVISION
Lent Williams, Operations Manger



FLEET MAINTENANCE DIVISION
Delton Grissett, Superintendent



FACILITIES MAINTENANCE DIVISION
Richard Vernon, Supervisor



June 2019

Public Works Department

Monthly Statistics

	2019	2018
Water Supply & Demand – April		
• Average Daily Water Use	3.1 MGD	3.6 MGD
• Water Pumped	94,549,400 Gallons	111,992,650 Gallons
• Water Billed**	104,707,000 Gallons	106,063,000 Gallons
Wastewater Collection/Treatment - April		
• Average Daily Sewer Treated	4.0 MGD	2.9 MGD
• Peak Daily Sewer Treated	7.4 MGD	3.8 MGD
• Sewer Billed**	80,128,000 Gallons	77,681,000 Gallons
• Sewer Unbilled**	469,000 Gallons	499,000 Gallons
Solid Waste Collection & Disposal – June		
• Volume		
○ MSW	1,284 Tons	1,434 Tons
○ Yard Waste	303 Tons	365 Tons
○ Recycled (Includes E-Waste)	214 Tons	224 Tons
○ C & D	149 Tons	106 Tons
○ Total Pick-up/Disposal	1,950 Tons	2,129 Tons
• Recycling %	17%	16%
• Landfill Disposal Cost	\$58,115	\$60,421
Fleet Maintenance -		
• Preventative Maintenance		
○ # Vehicles	20	
○ Cost	\$22,900	
• Repairs		
○ # Vehicles	79	
○ Cost	\$66,300	
Facility Maintenance -		
• # Work Order Requests	38	
• Cost	\$13,500	

MGD=Million Gallons per Day

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

Public Works Department Capital Improvement Project Update

Water and Sewer System Improvements

Description	Location	Design Construction	Fund		Status	Progress & Goal
			Cost	Impact		
Water System Improvements - CG	East Cherry Grove	City	Impact		Construction 70%	Continue
Sewer System Improvements - OD	Ocean Drive – Tilghman Section	R.H. Moore	\$1,500,000			
		City	Impact		Construction 60%	Continue
		RH Moore	\$2,750,000			
South Ocean Boulevard Water/Sewer Crescent Beach	17 th Avenue South to 28 th Avenue South	DDC	Impact		Construction 95%	Continue
		RH Moore	\$2,000,000			
AIWW Retaining Wall	Ocean Drive WWTP	Design-Build	WWTP		Warranty Period	Close-out
		Greenwall	\$1,435,000			
Riverside Drive Sewer	Riverside Dr. LRN Rd. to end	City	Impact		Design Complete	SCDHEC Permit & Bid
		TBD	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	DDC	Impact		Preliminary Design	Begin Survey
		TBD	TBD			
Duffy St Water Tank Painting	31 st Ave N/Duffy St	AECOM	Operating		Construction 10%	Continue
		Utility Service Co.	\$1,250,000			

Storm Drainage System Improvements

Description	Location	Design Construction		Fund Cost	Status	Progress & Goal
		City	TBD			
Priority Group 3/4 Drainage Imp	Various	Stormwater	\$700,000		Survey/Design	Continue Design
18 th Avenue North Ocean Outfall	Ocean Drive	DDC	Stormwater		Design and Permit Complete	Fall 2020
		TBD	TBD			

Beach Improvements

Description	Location	Design Construction		Fund Cost	Status	Progress & Goal
		HRT	Sellers			
Emergency Beach Access	5 th Ave North	HRT	Street Improvement		Construction 0%	Start Const.
Beach Access 2018	8 Locations	HRT	Street Improvement	\$115,589	Construction 15%	Under Construction
Beach Renourishment	OD/CB	USACE	Beach	\$4.8 M	Construction 75%	Begin Phase 3
Beach Parking Study	Citywide	Kimley Horn	Beach		Preliminary Assessment Underway	Continue

Street Improvements

Description	Location	Design Construction		Fund Cost	Status	Progress & Goal
11 th Ave N Widening	11 th Ave N – Hwy 17 to Golfview Drive	Stantec	Various	\$2,750,000	Construction 99%	Complete Construction
		RH Moore				
South Ocean Blvd Widening Crescent Beach	17 th Ave S to 28 th Ave S	Stantec	SCDOT - GSATS	\$3,950,000	Construction 50%	Continue
		RH Moore				
South Ocean Boulevard ECT Crescent Beach	17 th Avenue South to 28 th Avenue South	DDC	Franchise		Construction 80%	Continue
		RH Moore		\$8,000,000		
Resurfacing – 2018	Various	City	Street Improvement/CTC		Construction 100%	Complete
		Palmetto Corp		\$500,000		
2 nd Avenue North Widening	Highway 17 at 2 nd Avenue North	City	Street Improvement		Design complete.	Re-bid for construction
		TBD	TBD			
RIDE III Street Resurfacing	Citywide	City	RIDE III		Construction 100%	Complete
		Palmetto	\$985,512			
NOB ECT	Cherry Grove - 29th N to 34th N	Mead & Hunt	Franchise Fund		Design Complete	Fall 2020
		TBD	TBD			
LRN Road Path	LRN Road	HRT	TBD		Survey/Design 50%	Complete Survey & Secure Funding
		TBD	TBD			
Edge Parkway Path	Edge Pkwy.	HRT	TBD		Preliminary Design	Secure Funding
		TBD	TBD			

Building/Park Improvements

Description	Location	Design Construction	Fund		Status	Progress & Goal
			Cost			
Fire Station #3 Driveways	33 rd Ave S	HRT	Fire		Bid	Award
		TBD	TBD			
NMB Sports Complex Boardwalk	Cypress Swamp	HRT	Parks		Complete	Complete
		Sellers				
Transfer Station Improvements	2 nd Avenue South	HRT	Sanitation		Design 80%	Complete Design
		TBD	TBD			
53 rd Ave Pier Replacement	53 rd Boat Ramp	HRT	Park		Construction 0%	Begin Construction
		Sellers	\$135,000			