

Capital Improvement Program



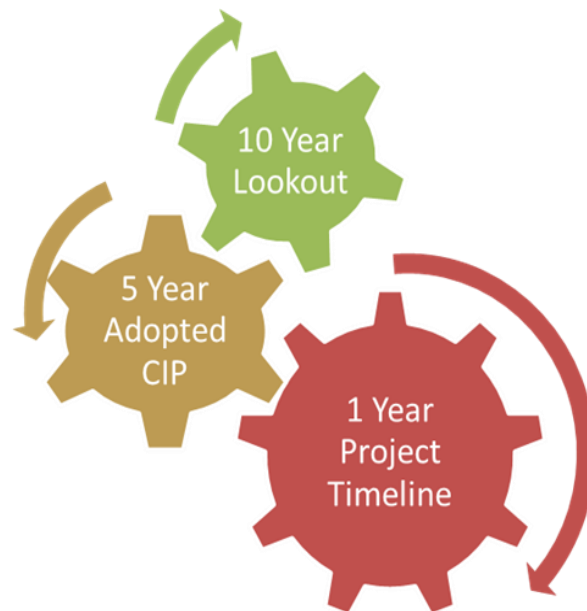


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Capital Improvement Program

PROCEDURE

Each year the Capital Improvement Program (CIP) is prepared from project requests submitted by the various departments. The requests require a project description, justification, cost estimates, statement of impact on the City's annual operating budget and an implementation schedule. After compilation of the requests, projects are reviewed by staff members from the City's Infrastructure Team. This team consists of project managers, planners, division managers, and the Finance Director. This team reports directly to the City Manager.



10 YEAR LOOKOUT

The infrastructure team prepares a "Ten-Year Capital Project Lookout" annually. This "lookout" is presented to City Council and allows staff to receive direction on future capital project needs.

5 YEAR ADOPTED CAPITAL IMPROVEMENT PROGRAM (CIP)

As an integral component of the annual budget process, each year a five-year CIP is adopted by City Council. Chapter 163 of the Florida Statutes requires the City to adopt a five-year schedule of capital improvements that includes publicly funded federal, state, or local projects, and may include privately funded projects for which the City has no fiscal responsibility. Projects necessary to ensure that any adopted level-of-service standards are achieved and maintained for the 5-year period must be identified as either funded, or unfunded and given a level of priority for funding. The five year schedule and the level of service standards are established in the Capital Improvements Element (CIE) of the City's Comprehensive Plan. Project review, along with available funding and CIE requirements, forms the basis of the program compiled by the Infrastructure Team. The recommended program is then reviewed by the Mayor and City Council in conjunction with their review of the annual operating budget. The City is required to review the CIE of the Comprehensive Plan on an annual basis and modify it as necessary to maintain a five-year schedule of capital improvements. Modifications to update the 5-year capital improvement schedule may be accomplished by Resolution and are not considered amendments to the Growth Management Plan.

1 YEAR PROJECT TIMELINE

At the start of the fiscal year, a one-year project timeline is presented to City Council. The timeline is updated quarterly to show changes throughout the year. The first year of the five-year Capital Improvement Program is the Capital Budget. The Capital Budget is adopted by the City Council with the adoption of the annual operating budget. There is no commitment to expenditures or appropriations beyond the first year of the Capital Improvement Program.

DEFINITION OF CAPITAL IMPROVEMENTS

Capital Improvements are defined as physical assets, constructed or purchased, that have a minimum cost of \$5,000 and a minimum useful life of three years. Only projects that meet this definition of a capital improvement are included in the program, such as:

- a. New and expanded physical facilities for the community.
- b. Large scale rehabilitation or replacement of existing facilities.
- c. Major pieces of equipment which have a relatively long period of usefulness.
- d. Equipment for any public facility or improvement when first erected or acquired.
- e. The cost of engineering or architectural studies and services relative to the improvement.
- f. The acquisition of land for a community facility such as a park, highway, sewer line, etc.

Normal replacement equipment and normal recurring renovations which are funded in departmental operating budgets and cost less than \$5,000 are generally excluded from the Capital Improvement Program. Exceptions will occur for projects that contain multiple phases, or the current year CIP project is the planning phase of a construction project.

FUNDING SOURCES FOR CAPITAL PROJECTS

General Revenue – CIP

General revenue consists of a variety of sources, including Property (Ad Valorem) taxes, Federal and State funding through grants, and other fees. Property tax revenue is based on a millage rate (one mill is equivalent to \$1 per \$1,000 of assessed value), which is applied to the total assessed property value. The City of Palm Coast's 2016 millage rate for capital projects totals .1622 mills and relates to stormwater improvements and a restroom at the sports fields.

Federal Aid – Community Development Block Grant Funds

Under the Housing and Community Development Act of 1974, recipients of funds may undertake a wide range of activities directed toward neighborhood revitalization, economic development and provision of improved community facilities and services. Specific CIP activities that can be carried out include acquisition of real property and demolition, acquisition, construction, reconstruction, rehabilitation, relocation or installation of public facilities.

Local Option Gas Tax Funds

Per State Statute, the revenue received can only be used for transportation related expenditures. Proceeds must be used toward the cost of establishing, operating and maintaining a transportation system and related facilities and the cost of acquisition, construction, reconstruction and maintenance of roads.

Small County Surtax

This tax replaced the Local Government Infrastructure Surtax which expired on December 31, 2012. This revenue is in the form of an additional county-wide sales tax of .5%.

Water and Wastewater Charges

Monthly service charges are assessed for the use of services and facilities of the City's water and wastewater system. Service charges are used to pay for operating expenses, maintenance, construction and debt service.

Stormwater Utility Fee

The City enacted a stormwater utility fee in 2005. Funds from this revenue source can only be used for the operation, maintenance, replacement, and construction of the City's stormwater management system. Each year a portion of the funding will be allocated for capital improvements, while the remainder will be used for operating and maintenance expenses.

Tax Increment Financing

A Community Redevelopment Agency may be established per Chapter 163 of the Florida Statutes to address blight conditions in a specified area. A base year is established and a base taxable valuation is determined for the property within the designated area. The tax increment above the base year valuation is then utilized in an effort to eliminate the blight conditions. Capital improvement projects, such as redevelopment projects or infrastructure improvements, maybe undertaken utilizing these funds. Tax Increment Financing is used to fund projects in the SR100 CRA Fund.

Impact Fees

The City adopted a Water, Wastewater, Transportation, Fire and Recreation Impact Fee Ordinance that allows the City to charge a fee for new construction projects to ensure that development pays its fair share of the cost of new and/or expanded facilities necessary to accommodate that growth. Impact fee revenue can only be used for growth and development related to capacity improvements.

Other Funds

Other Funds may include public and private contributions, developer commitments, transportation authority and agency commitments and other government participation.

FLEET REPLACEMENT PROGRAM

The initial purchase of new fleet is charged to the department and is approved by the City Manager during that department's budget approval process. The fiscal year following the year the initial purchase was made, an internal allocation begins being charged to the department for the estimated cost to replace the equipment in the future. This allocation includes an inflationary estimate. The length of time the allocation is collected is based on the expected life of the equipment. For example, if a vehicle is expected to last 5 years the replacement cost will be split into 5 annual allocation amounts. The allocation is charged to the department on a monthly basis.

The future replacement purchase is made by the fleet department and is charged to the fleet fund, an internal services fund, where the annual allocations are credited as revenue. All City vehicles and equipment are evaluated on an annual basis in order to prioritize the replacements and repairs needed in the upcoming year. During the evaluation the Fleet Supervisor takes into consideration the age, condition, maintenance cost and expected life of each piece of equipment and prepares a recommendation for management. Each year, the total cost of the annual replacement program is approved by City Council during the budget process and is approved by City Council prior to the actual purchase being made.

Impact of Capital Projects on the Operating Budget

The Capital Improvement Program is a crucial component of the City's annual budgeting process. Costs associated with new and expanded infrastructure are normally included in the operating budget at the time at which the item becomes operational. It is possible, in certain cases that impacts may be phased in during the construction or acquisition period. An example of this would be the construction of a Fire Station. Given the time-frame for recruiting, hiring and training, some personnel costs may be added to the budget prior to the official opening of the Station. Operating costs, such as utilities, would then be budgeted for the time the Station actually opens.

Some capital projects may require debt financing, resulting in scheduled annual debt service payments. Any applicable debt service on debt issued for capital projects is also included in the operating budget. Although the issuance of debt may be the most feasible way to fund capital improvements, debt service will reduce the amount of funds available for other uses. The ratio of debt service to the size of the budget as a whole, and particularly to operating costs, must be maintained at appropriate levels.

TRANSPORTATION

New transportation infrastructure normally does not have specific additional operating costs, other than material and supplies for maintenance. However, roads, sidewalks, pedestrian crossing, pavement marking, signals and signs must be kept up to City and other required standards. As more miles are brought on line, additional staff and equipment may be needed at some point in the future in order to maintain desired service levels.

RECREATION

New recreation infrastructure can have a significant impact on operating costs. These could include additional personnel, operating costs related to daily operations, materials and supplies.

STORMWATER

New stormwater infrastructure normally does not have specific additional operating costs, other than material and supplies for maintenance. In addition, infrastructure must be kept clear of debris. Maintenance of new and improved infrastructure included in the Capital Budget is included in the operating budget of the Stormwater operations and is funded from Stormwater Utility Fees accounted for in an Enterprise Fund. Funds from this revenue source can only be used for the operation, maintenance and construction of the City's stormwater management system. Each year, a portion of the funding is allocated for capital improvements, while the remainder is used for operating and maintenance expenses. Additional staff and equipment may be needed at some point in the future in order to keep the infrastructure maintained at an optimum level. No additional staff is being added this fiscal year.

WATER & WASTEWATER

A significant portion of the City's water and wastewater infrastructure is over 20 years old and deteriorating and declining in reliability and efficiency. Replacing equipment with current technology will assuredly generate energy savings. At this time the exact amount of savings is unknown.

Fiscal Year 2017 Major Capital Projects

Seminole Woods Path \$845,000 Capital Projects Fund

These amounts are to continue construction of a multi-purpose path along Seminole Woods Parkway. This includes design, permitting, environmental clearance and construction of this multi-phase project. The project will be completed in annual phases. A DOT grant of \$546,000 was secured for a portion of this years construction.

Future Impact: General Fund, Streets Division

Minimum maintenance will be required for the path which will include patches and maintenance of the landscape. The path also includes benches and trash receptacles will need to be maintained. This will require some future operating costs in the Streets division budget.

Holland Park Renovation \$580,000 Capital Projects Fund

This project includes the replacement of the utility infrastructure and will correct drainage issues. It will also enhance traffic circulation, add parking, correct ADA issues, and repair/renovate existing structures. Also included in the project is a new enlarged dog park, a bocce ball court covering, two new horseshoe pits, a new and enlarged playground, a new splash park, roadway and parking lot lighting, sports activity lighting, a perimeter walking trail, new fitness stations and new landscaping as well as irrigation. The amount allocated for fiscal year 2017 is to wrap up this phase of the project.

Future Impact: General Fund, Parks Maintenance Division

This is an existing park with existing operating costs. Upon completion, maintenance costs may increase due to the increase in size of the park and in usage as a result of the improvements.

Community Center Renovation \$4,500,000 Capital Projects Fund

This project includes the replacement of the existing Community Center, one of our oldest facilities. Construction is expected to begin in January 2017 and will carry over into 2018. Due to the increase in capacity, a portion of this project is being funded by impact fees.

Future Impact: General Fund, Parks & Recreation Department

This is an existing facility with existing operating costs. Upon completion, maintenance costs and some operating supplies are expected to increase due to the increase in the size of the facility. However, revenue from room rentals are also expected to increase which will offset this.

North Old Kings Road Widening Design \$1,375,000 Streets Improvement Fund

This project includes roadway widening of Old Kings Road from Palm Coast Parkway to Forest Grove Drive for a length of 3.3 miles. The project will consist of new asphalt pavement, drainage, concrete curb and gutter, and sidewalks. In addition, the project will include streetscape, irrigation upgrades to storm water retention ponds and traffic control, including signage and striping. The project scope was extended south of Palm Coast Parkway so that the intersection of Old Kings Road and Palm Coast Parkway could be designed into the ultimate configuration. This is the final portion of this project.

Future Impact: General Fund, Streets & Drainage Division

Anticipated impact to future operating budgets includes maintenance costs of the streetscape, roadway, traffic control devices, signage and irrigation.

Street Rehab and Renewal \$1,500,000 Streets Improvement Fund

The City of Palm Coast has over 550 miles of streets which it maintains. This amount is for the annual appropriation for the rehabilitation and renewal program.

Future Impact: General Fund, Streets & Drainage Division

This project is not anticipated to significantly impact future operating costs.

Swale Rehabilitation & Pipe Program \$2,192,411 Stormwater Management Fund

This is the cost of materials and labor needed to rehabilitate the swales and drainage pipes in the City. The goal is to regrade at least 25 miles of swales each year.

Future Impact: Stormwater Management Fund

This project is not anticipated to significantly impact future operating costs.

Wellfield and Wells \$2,350,000 Utility Capital Projects

This project includes wellfield expansion for Water Treatment Plant 2 and Water Treatment Plant 3 as well as some replacement well construction costs. This project is expected to receive grant funding from the St. Johns River Water Management District.

Future Impact: Utility Fund

Future operating costs include electrical, generator maintenance and load testing, motor, pump and misc. equipment O&M, landscaping, hydrological data collection and record keeping. This is estimated at \$6-8,000 per year per site.

Water Mains \$1,225,000 Utility Capital Projects

This project includes the Citation/Old Kings Road/SR100 water main loop, the Old Kings Road water main extension to Eagle Lakes and the relocation of the Old Kings Road North water main.

Future Impact: Utility Fund

Annual operating cost for this is considered to be very minimal.

Reclaimed Water Mains \$2,400,000 Utility Capital Projects Fund

This project includes a reclaimed water main for Seminole Woods Blvd and for US1 Palm Coast Park. This project is expected to receive grant funding from the St. Johns River Water Management District.

Future Impact: Utility Fund

The future operating costs are expected to be mostly labor costs for checking signage, reading meters, repairs to ARV's (air relief valves) and main breaks. Annual operating cost for this is considered to be very minimal.

Wastewater Treatment Plant 2 \$17,625,000 Utility Capital Projects

This project includes the engineering, design and a large portion of the construction costs to build a second wastewater treatment plant. This plant is being constructed to increase the city's wastewater capacity in order to keep up with demands as a result of growth. The entirety of this project is expected to be completed in fiscal year 2018.

Future Impact: Utility Fund

The second wastewater treatment plant will be an advanced wastewater treatment plant however future operating costs are anticipated to be in line with the cost of the existing wastewater treatment plant which is approximately \$2,500,000 per year.

Lift Stations and Pump Stations \$2,490,000 Utility Capital Projects

This project includes the Belle Terre/Matanzas Woods master pump station as well as other pump station upgrades. This project is expected to receive grant funding from the St. Johns River Water Management District.

Future Impact: Utility Fund

Annual operating cost for this pump station would include power, annual generator inspection and load testing and fuel, future odor control, landscape maintenance, and labor for weekly inspections by staff. Estimated cost of \$5,000 to \$7,000 per year for first five years.

2017 Capital Projects Timeline

The one year capital projects timeline does not include all capital projects. The design portion of each project is represented separate from the construction portion. During the course of the year the “on-going timeline” will be adjusted to reflect actual results. Portions of projects being done with in-house staff is highlighted in orange.

CAPITAL PROJECTS FUND		1st Quarter (FY17)			2nd Quarter (FY17)			3rd Quarter (FY17)			4th Quarter (FY17)		
Project Name		Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept
Seminole Woods Path													
<i>Seminole Woods - Sesame to US 1 Construction</i>		ORIGINAL	TIMELINE	ORIGINAL	<i>Grant Deadline to complete project is April 30, 2017</i>								
<i>Sesame Citation-Seminole to Seminole Design, Permits, Env. Clearance, CDBG Release (in-house)</i>		ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE						
<i>Construction (in-house)</i>							ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL
SR-100 and US-1 Seminole Woods Signs													
<i>Design (lighting)</i>							ORIGINAL						
<i>Construction (in-house)</i>										TIMELINE	ORIGINAL		
Public Works Facility Improvements													
<i>Master Plan</i>		ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL			
Northeast Corridor - Wetland Restoration													
<i>Design & Permit</i>		ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE						
<i>Construction (in-house)</i>													ORIGINAL
Community Center Improvements													
<i>Construction</i>					ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL
Holland Park Improvements													
<i>Construction (Phase 1)</i>		ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL					
Frieda Zamba Pool Pump Enclosure & Filtration & Generator													
<i>Design</i>		ORIGINAL											
<i>Construction</i>				ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	<i>Work to occur when pool closed from November 5 to April 17</i>					
Palm Harbor Golf Club													
<i>Returfing of Bunkers (64) (9 holes per year)</i>													
<i>Construction</i>		ORIGINAL	TIMELINE	<i>Work to be completed before Thanksgiving Holiday</i>									
ITSC - Baseball Field Dugout Replacement													
<i>Construction</i>				ORIGINAL	TIMELINE	<i>Work to occur after fall baseball season and before spring season, November 20 to January 15</i>							
ITSC - Field Improvements - Sod Replacement & Underdrain													
<i>Design (in-house)</i>						ORIGINAL	TIMELINE						
<i>Construction (in-house)</i>										ORIGINAL	<i>Work to occur during field close</i>		
Playground Shade Sail Program (B.T. RC. SW. WP)													
<i>Design</i>		ORIGINAL											
<i>Construction</i>				TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL				
Indian Trails Sports Complex - Additional Field Lighting													
<i>Design</i>		ORIGINAL	TIMELINE	ORIGINAL									
<i>Construction</i>					ORIGINAL	TIMELINE	ORIGINAL						
City Hall Community Wing - Generator													
<i>Design & Construction</i>					TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE		
PARK IMPACT FEE FUND		1st Quarter (FY17)			2nd Quarter (FY17)			3rd Quarter (FY17)			4th Quarter (FY17)		
Project Name		Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept
Town Center - Restroom Building													
<i>Design</i>		ORIGINAL	TIMELINE	ORIGINAL									
<i>Construction</i>					ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	<i>Work to be completed by May 7 - P.E. & Pops Event</i>				
ITIS - Restroom Building													
<i>Design</i>		ORIGINAL	TIMELINE	ORIGINAL									
<i>Construction</i>					ORIGINAL	TIMELINE	ORIGINAL	TIMELINE					
Lehigh/Belle Terre Trailhead (FPL Easement)													
<i>Design</i>								<i>Deadline to submit application package to TPO is March 31, 2016</i>					ORIGINAL

STREETS IMPROVEMENTS FUND		1st Quarter (FY17)			2nd Quarter (FY17)			3rd Quarter (FY17)			4th Quarter (FY17)		
Project Name		Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept
Lakewood Sidewalk (Lanancha to London)													
	Design (in-house)	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	(Deadline to submit bid package to TPO is March 31, 2016)					
	Construction												ORIGINAL
Forest Grove Sidewalk (east extension to Ferndale and west extension to OKR)													
	Design (in-house)						ORIGINAL	TIMELINE	ORIGINAL				
	Construction (in-house)									ORIGINAL			
Palm Coast Pkwy Sidewalk (Pine Lakes to St Joe Plaza)													
	Design (in-house)				ORIGINAL	TIMELINE	ORIGINAL						
	Construction (in-house)												ORIGINAL
Pine Lakes Pedestrian Bridge & Gravity Wall Repair													
	Design (portion in-house)				ORIGINAL	TIMELINE	ORIGINAL						
	Construction (Wood Pedestrian Bridge Repairs) (in-house)								ORIGINAL	TIMELINE			
	Construction (Gravity Wall Repairs)								ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL
Whiteview - Safety, Path & Beautification Improvements													
	Transportation Safety Study (Pritchard to US1) (in-house)	ORIGINAL	TIMELINE	ORIGINAL									
	Design (all improvements)				ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE			
	Construction											ORIGINAL	TIMELINE
Palm Harbor Parkway Median Beautification (European Village)													
	Construction (in-house)					ORIGINAL	TIMELINE						
Belle Terre Median Beautification (Royal Palms to SR100)													
	Construction (in-house)				ORIGINAL	TIMELINE	ORIGINAL						
Street Rehab & Renewal													
	Pavement Analysis & Long Range Plan	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL							
	Identify Projects & Bid						ORIGINAL	TIMELINE					
	Construction (in-house)									ORIGINAL	TIMELINE	ORIGINAL	TIMELINE
Signal Optimization													
	Design/Bid (Phase 2)	ORIGINAL	TIMELINE	ORIGINAL									
	Construction (Phase 1)	ORIGINAL	TIMELINE										
	Construction (Phase 2)				ORIGINAL	TIMELINE	ORIGINAL						
ADA Transition Plan & Implementation													
	Study/Design/Construction (in-house)	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE
	Construction (Phase 1)											ORIGINAL	
Seminole Woods / SR100 Intersection - Add NB Left Turn Lane													
	Design	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	(Deadline to submit bid package to TPO is March 31, 2016)						
	Construction												ORIGINAL
Old Kings Road N. Widening - Kingswood to Forest Grove													
	Design	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	(Design to be completed by grant deadline of June 30, 2017)					
	Right-of-Way Acquisition	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE
Colorado Bridge at College Waterway													
	Construction	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	
OKR / Town Center Traffic Signal													
	Construction	ORIGINAL	TIMELINE										
TRANSPORTATION IMPACT FEE FUND		1st Quarter (FY17)			2nd Quarter (FY17)			3rd Quarter (FY17)			4th Quarter (FY17)		
Project Name		Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept
Belle Terre Corridor Intersection Safety Analysis													
	Design	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE						
	Construction (Phase 1)							ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE

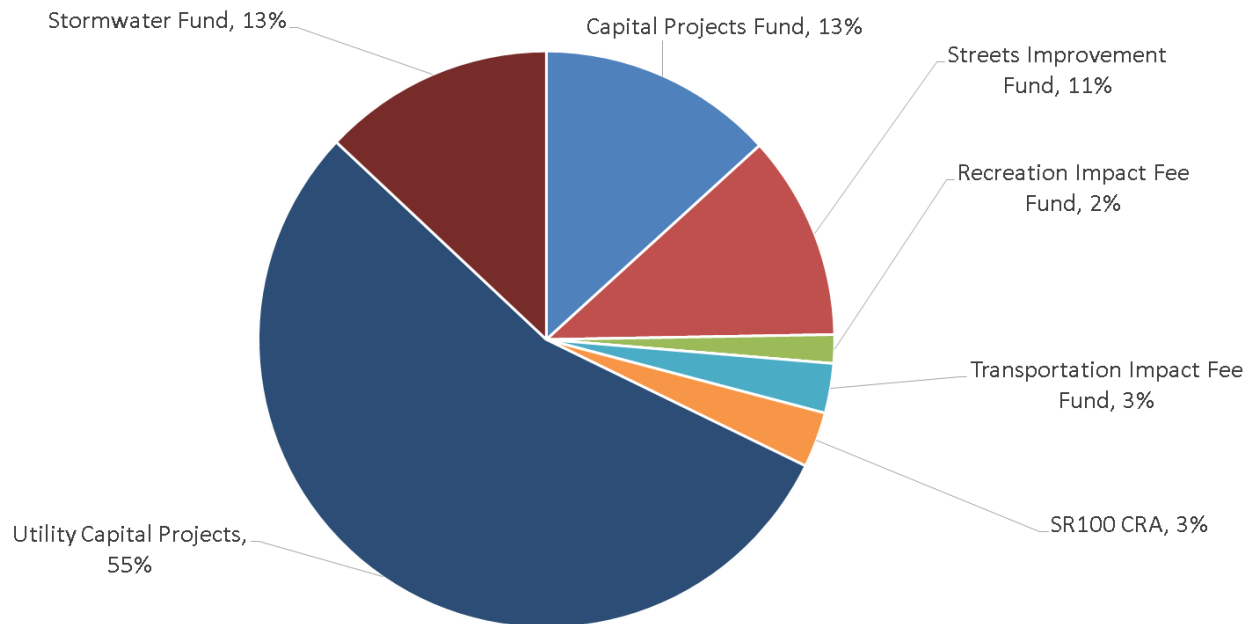
STORMWATER MANAGEMENT FUND		1st Quarter (FY17)			2nd Quarter (FY17)			3rd Quarter (FY17)			4th Quarter (FY17)		
Project Name		Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept
Section 30 Modeling	Construction of South Tributary 1 (in-house)				TIMELINE	ORIGINAL	TIMELINE						
LIDAR QL1 Standard (Citywide Update)	Lidar Update	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE
BS-2 Weir Replacement	Construction	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	(Construction to be completed by grant deadline of April 1, 2017 - requested 1 month extension)					
W-1 Weir Replacement & Major Crossin Rehab	Design (in-house)							ORIGINAL	TIMELINE	ORIGINAL			
Concrete Lined Ditch	Design				ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE			
Electronic Monitoring System	Installation (2 locations, BT-2 & L-4)				ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE			

UTILITY CAPITAL PROJECTS FUND		1st Quarter (FY17)			2nd Quarter (FY17)			3rd Quarter (FY17)			4th Quarter (FY17)		
Project Name		Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept
Wellfield and Wells - Wellfield Expansion WTP #2	Southern Wellfield Raw Water Main, Phase 2 Construction												
		ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE
Wellfield and Wells - AWS Investigation/AP TWTWP #3	Aquifer Performance Testing Study, Construction & Evaluation	ORIGINAL	TIMELINE	ORIGINAL	(Construction to be completed by grant deadline of September 30, 2016, report due by December 30, 2016)								
WTP#1, Replace Generator & Electrical Upgrades	Design	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL							
	Construction							ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE
Biosolids Treatment Study	Study	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE
Force Main - Pine Lakes to WWTP#2	Design (in-house)	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL			
Seminole Woods Blvd. Reclaim Water Main, Phase 2	Construction	ORIGINAL	TIMELINE	ORIGINAL	(Construction to be completed by grant deadline of December 30, 2016)								
Reclaimed Water Main - US 19 Palm Coast Park (aquifer recharge)	Design (in-house)	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE								
	Construction							ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE
Wastewater Treatment Plant #2	Construction	(Construction to be completed by grant deadline of April 15, 2016)											
		ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE
Wastewater Treatment Plant #2	Reclaimed Water Discharge to Wetlands Construction	(Construction to be completed by grant deadline of April 15, 2016)											
		ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE
Pump Station Upgrades, 34-1	Modeling (in-house)			ORIGINAL									
	Design (in-house)				ORIGINAL	TIMELINE	ORIGINAL	TIMELINE					
	Construction								ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	
Belle Terre / Mahanaz Woods Master Pump Station	Construction	(Construction to be completed by grant deadline of October 20, 2017, requested extension to November 1, 2017)											
		ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE
PEP System Upgrades	Modeling (in-house)	ORIGINAL	TIMELINE										
	Design (in-house)			ORIGINAL	TIMELINE	ORIGINAL	TIMELINE						
	Construction (in-house)								ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	

OTHER CAPITAL PROJECTS		1st Quarter (FY17)			2nd Quarter (FY17)			3rd Quarter (FY17)			4th Quarter (FY17)		
Project Name		Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept
Fiber Conduit - Belle Terre 5 arth to WTP 2	Design (in-house)								ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL
OTHER													
Transportation Impact Fee Study	Study	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL	TIMELINE	ORIGINAL			

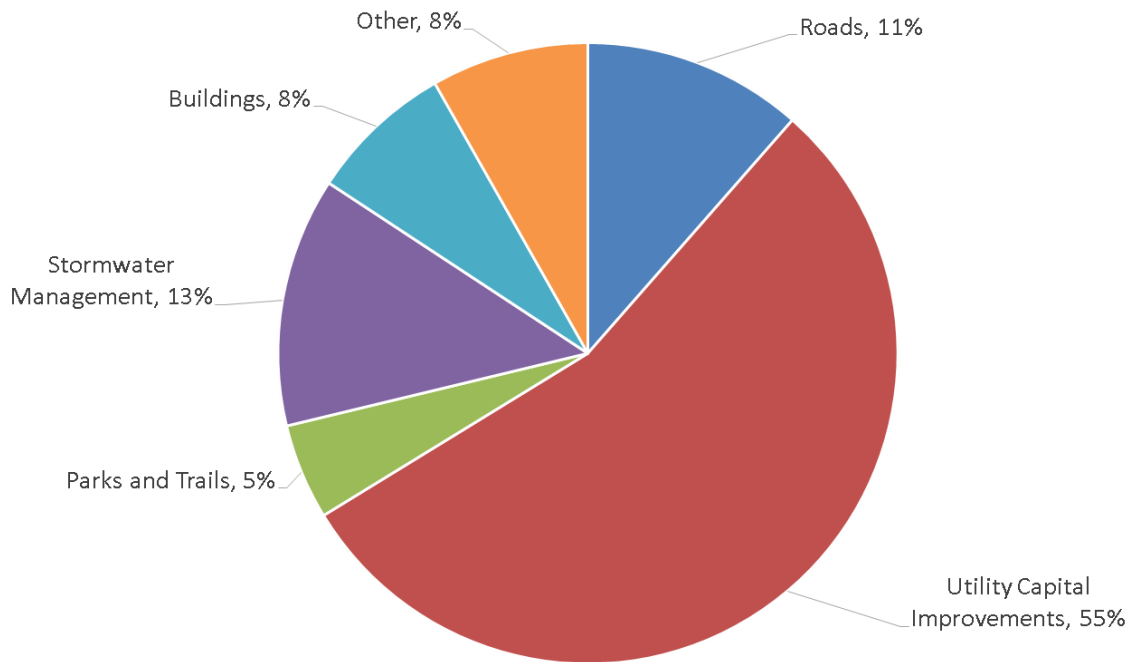
2017 Capital Improvement Program by Fund

FUNDING SOURCE	AMOUNT	% of TOTAL
Capital Projects Fund	\$7,911,000	13%
Streets Improvement Fund	6,853,000	11%
Recreation Impact Fee Fund	955,000	2%
Fire Impact Fee Fund	-	0%
Transportation Impact Fee Fund	1,660,000	3%
SR100 CRA	1,858,057	3%
Utility Capital Projects	32,707,343	55%
Stormwater Fund	7,760,378	13%
Total Capital Budget	\$59,704,778	



2017 Capital Improvement Program by Type

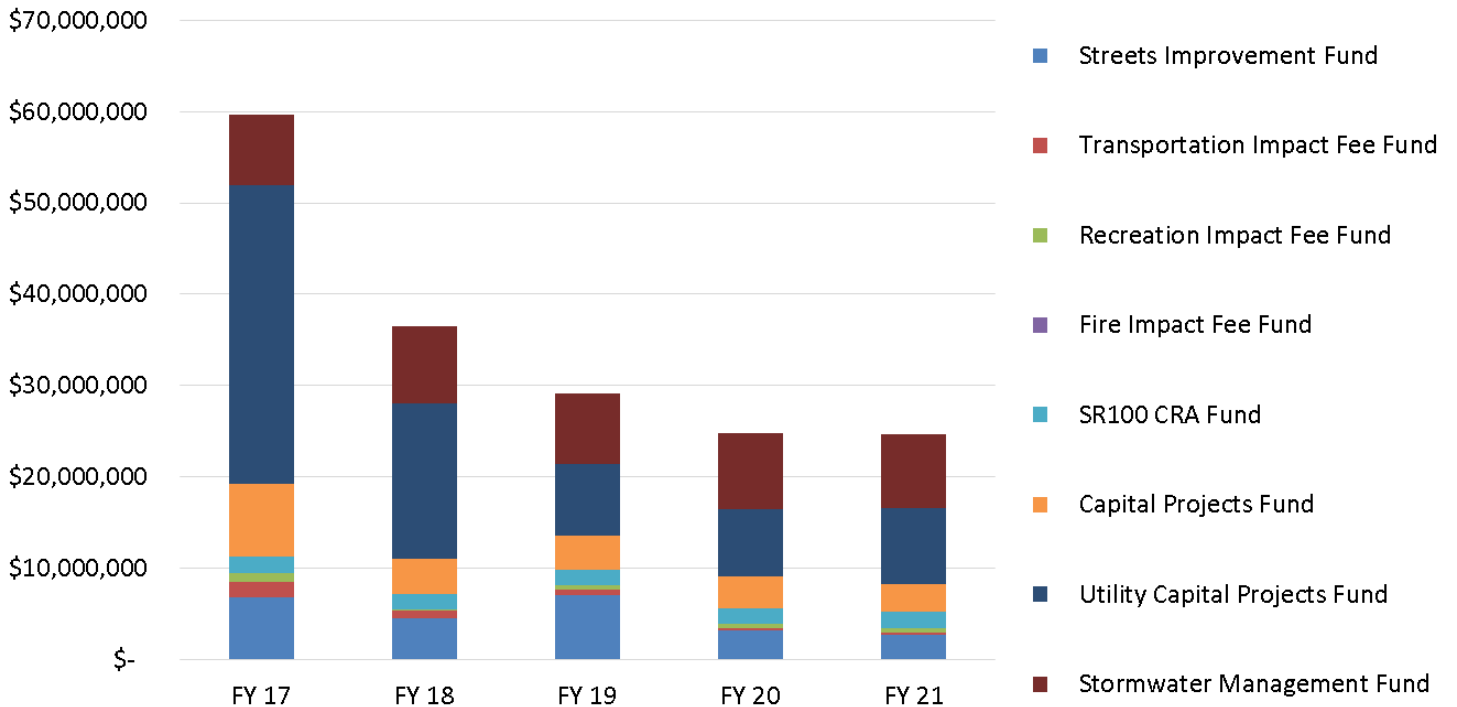
TYPE	AMOUNT	% OF TOTAL
Roads	\$ 6,853,000	11%
Utility Capital Improvements	32,707,343	55%
Parks and Trails	2,975,000	5%
Stormwater Management	7,760,378	13%
Buildings	4,500,000	8%
Other	4,909,057	8%
	\$ 59,704,778	



Capital Improvement Program by Fund

5 Year Program Summary

Fund	FY 17	FY 18	FY 19	FY 20	FY 21
Streets Improvement Fund	\$ 6,853,000	\$ 4,593,000	\$ 7,040,000	\$ 3,260,000	\$ 2,690,000
Transportation Impact Fee Fund	1,660,000	735,000	660,000	160,000	310,000
Recreation Impact Fee Fund	955,000	235,000	485,000	500,000	450,000
Fire Impact Fee Fund	-	-	-	-	-
SR100 CRA Fund	1,858,057	1,683,230	1,708,649	1,708,436	1,783,441
Capital Projects Fund	7,911,000	3,750,000	3,650,000	3,550,000	3,050,000
Utility Capital Projects Fund	32,707,343	17,020,000	7,875,000	7,280,000	8,350,000
Stormwater Management Fund	7,760,378	8,443,845	7,771,522	8,376,452	8,088,682
Grand Total	\$ 59,704,778	\$ 36,460,075	\$ 29,190,171	\$ 24,834,888	\$ 24,722,123



Capital Improvement Program by Fund

5 Year Program Detail

PROJECT	FY 17	FY 18	FY 19	FY 20	FY 21
Ad Valorem Taxes	141,418	-	-	-	-
Small County Surtax	2,800,000	2,856,000	2,913,120	2,971,382	3,030,810
FDOT Seminole Woods Path - Phase 6	146,000	-	-	-	-
Transfers from CDBG Entitlement	531,225	-	-	-	-
Transfer from Recreation Impact Fees - Long Creek	-	-	-	500,000	450,000
Transfer from Recreation Impact Fees - Holland Park	-	-	245,000	-	-
Transfer from Recreation Impact Fees - Comm Center	230,000	235,000	240,000	-	-
Transfer Proceeds from CRA - Community Wing	575,000	600,000	625,000	125,000	-
Total Capital Projects Fund Revenues	\$ 4,423,643	\$ 3,691,000	\$ 4,023,120	\$ 3,596,382	\$ 3,480,810
Seminole Woods Path	645,000	-	-	-	-
Seminole Woods Path - FDOT	200,000	-	-	-	-
Matanzas Woods Path Amenities	-	-	-	-	-
Public Works Renovations	300,000	-	-	200,000	2,750,000
Wetland Mitigation Bank Construction	100,000	400,000	-	-	-
Long Creek Nature Preserve	-	-	50,000	3,000,000	-
Community Center Renovation and Expansion	4,500,000	3,000,000	-	-	-
Holland Park	580,000	75,000	3,400,000	-	-
Park Renovations	825,000	225,000	200,000	300,000	300,000
ITSC Additional Lighting	450,000	-	-	-	-
Trailheads, Trail Signs, Commercial District Wayfinding	-	50,000	-	50,000	-
City Hall	311,000	-	-	-	-
Total Capital Projects Fund Expenditures	\$ 7,911,000	\$ 3,750,000	\$ 3,650,000	\$ 3,550,000	\$ 3,050,000
Recreation Impact Fees	367,700	382,400	397,700	413,600	430,100
Total Recreation Impact Fee Fund Revenue	\$ 367,700	\$ 382,400	\$ 397,700	\$ 413,600	\$ 430,100
Transfer to Cap Projects Community Center	230,000	235,000	240,000	-	-
Transfer to Cap Projects Long Creek	-	-	-	500,000	450,000
Transfer to Cap Projects Holland Park	-	-	245,000	-	-
ITMS Restrooms	300,000	-	-	-	-
Town Center Restrooms	425,000	-	-	-	-
Total Recreation Impact Fee Fund Expenditures	\$ 955,000	\$ 235,000	\$ 485,000	\$ 500,000	\$ 450,000

PROJECT	FY 17	FY 18	FY 19	FY 20	FY 21
Impact Fees	2,450,000	2,700,000	2,850,400	3,214,400	3,214,400
SJRWMD Reclaimed Grant - Grand Landings	66,710	-	-	-	-
SJRWMD WTP2 Wellfields	569,250	-	-	-	-
SJRWMD Matanzas Woods MPS	750,000	-	-	-	-
SJRWMD Reclaimed Water US1	462,000	-	-	-	-
Beachside Sewer	-	-	450,000	750,000	-
Interest on Investments	316,500	318,470	254,215	254,215	254,215
Proceeds from Debt	19,525,000	1,445,000	-	-	-
R & R Transfer	3,538,862	3,574,251	3,609,994	3,646,094	3,682,555
Total Utility Capital Projects Fund Revenue	\$ 27,678,322	\$ 8,037,721	\$ 7,164,609	\$ 7,864,709	\$ 7,151,170
Operating Expenditures	567,343	115,000	35,000	65,000	235,000
Water Treatment Plant # 3	-	-	-	-	-
Wellfield and Wells	2,350,000	300,000	400,000	400,000	500,000
Water Mains	1,225,000	-	-	-	-
Water Treatment Plant #1	1,000,000	-	175,000	-	-
Water Treatment Plant #2	680,000	-	-	-	300,000
General Plant R & R - Water	500,000	600,000	600,000	600,000	600,000
Distribution System Improvements	710,000	905,000	975,000	975,000	1,125,000
PEP System	900,000	950,000	1,050,000	1,100,000	1,100,000
Wastewater Treatment Plant #1	950,000	4,430,000	400,000	-	250,000
Force Mains	100,000	700,000	-	-	-
Reclaimed Water Mains	2,400,000	3,000,000	1,500,000	300,000	1,350,000
Wastewater Treatment Plant #2	17,625,000	3,730,000	-	950,000	1,500,000
Beachside Sewer System	-	500,000	1,500,000	1,500,000	-
Lift Stations and Pump Stations	2,490,000	880,000	330,000	330,000	330,000
General Plant R & R - Wastewater	1,210,000	910,000	910,000	1,060,000	1,060,000
Total Utility Capital Projects Fund Expenditures	\$ 32,707,343	\$ 17,020,000	\$ 7,875,000	\$ 7,280,000	\$ 8,350,000
Ad Valorem Taxes	418,442	481,208	553,390	636,398	731,858
Grants	335,000	-	350,000	-	385,000
New Revenue	-	400,000	-	-	-
Stormwater Fees	7,240,846	7,269,809	7,298,889	7,328,084	7,357,397
Total Stormwater Management Fund Revenue	\$ 7,994,288	\$ 8,151,018	\$ 8,202,278	\$ 7,964,482	\$ 8,474,254
Operating Expenses/Debt Service	4,488,061	4,577,822	4,669,379	4,762,766	4,858,022
Swale Rehab	1,484,288	1,497,974	1,511,934	1,526,172	1,540,696
Pipe Replacement	901,028	908,049	915,210	922,514	929,964
Weirs	415,000	250,000	380,000	380,000	415,000
Major Crossings	-	605,000	-	310,000	-
Modeling Improvements	225,000	180,000	150,000	180,000	200,000
Concrete Lined Ditch	30,000	250,000	-	-	-
Electronic Monitoring System	30,000	30,000	-	-	-
Canal & Seawall Replacements	50,000	50,000	50,000	50,000	50,000
Valley Gutter Replacements	75,000	75,000	75,000	75,000	75,000
Land Acquisitions	20,000	20,000	20,000	20,000	20,000
Fresh Water Dredging	-	-	-	150,000	-
New Equipment	42,000	-	-	-	-
Total Stormwater Fund Expenditures	\$ 7,760,378	\$ 8,443,845	\$ 7,771,522	\$ 8,376,452	\$ 8,088,682

PROJECT	FY 17	FY 18	FY 19	FY 20	FY 21
Local Option Fuel Tax	1,875,000	1,875,000	1,875,000	1,875,000	1,875,000
State Revenue Sharing	692,540	706,400	720,500	734,900	749,600
OKR Extension Phase 2	40,000	-	4,500,000	-	-
OKR North Widening Design	275,000	-	-	-	-
OKR North Widening ROW	1,100,000	-	-	-	-
Matanzas Woods 4 Lane - Ph 2	-	1,903,000	-	-	-
SR 100 I95 Ramp Landscape	200,000	-	-	-	-
Transfer from Transportation Impact Fee Fund	700,000	-	-	-	-
Fines & Forfeitures	120,000	-	-	-	-
Total Streets Improvement Fund Revenue	\$ 5,002,540	\$ 4,484,400	\$ 7,095,500	\$ 2,609,900	\$ 2,624,600
Operating Expenditures	108,000	-	-	-	-
Sidewalks and Bike Paths	670,000	400,000	185,000	250,000	125,000
Parkway Beautification	485,000	200,000	300,000	300,000	530,000
Street Rehab and Renewal	1,920,000	1,830,000	1,880,000	1,935,000	1,935,000
Traffic Signals	415,000	135,000	75,000	475,000	-
Intersection/Turn Lanes	65,000	50,000	50,000	50,000	50,000
PCP Six Lane	175,000	-	-	-	-
OKR Extension Phase 2	40,000	-	4,500,000	-	-
Palm Harbor Extension	15,000	25,000	-	-	-
OKR North Widening	1,375,000	-	-	-	-
Bridge Rehab and Renewal	1,550,000	50,000	50,000	250,000	50,000
Wetland Mitigation Engineering Study	35,000	-	-	-	-
Matanzas Woods 4 Lane - Ph 2	-	1,903,000	-	-	-
Total Streets Improvement Fund Expenditures	\$ 6,853,000	\$ 4,593,000	\$ 7,040,000	\$ 3,260,000	\$ 2,690,000
Fire Impact Fees	118,600	123,300	128,200	133,300	138,600
Total Fire Impact Fee Fund Revenue	\$ 118,600	\$ 123,300	\$ 128,200	\$ 133,300	\$ 138,600
Fire Station #22 Replacement	-	-	-	-	-
Total Fire Impact Fee Fund Expenditures	\$ -	\$ -	\$ -	\$ -	\$ -



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