

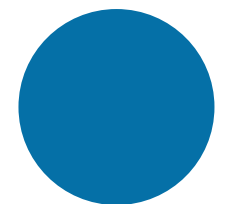


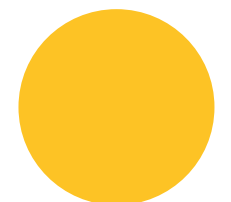
Stormwater & Engineering

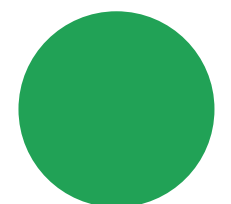


Construction Management & Engineering

Capital Projects, Engineering, Stormwater, and Utility projects make up this Division.

 **Stormwater**

 **Capital Projects**

 **Engineering**

Construction Management

Responsible for managing construction of capital projects for the City. City projects include Utility, Transportation, Stormwater, Recreation and Building Projects.

Engineering

Responsible for the City's engineering functions and stormwater drainage system. The Division manages the stormwater system made up of canals, ditches, and swales.

Also oversees commercial development review and inspection for infrastructure (utility, transportation, stormwater, and site work)



Stormwater Drainage System



1,222 Miles of
Swale



58 Miles of
Freshwater
Canals



31 Control
Structures



154 Miles Of
Ditches



26 Miles Of
Saltwater Canals



13 Freshwater
Lakes
111 Acres



Stormwater Modeling

- Model System every 2 years
- Assist with survey information
- Prioritize recommended improvements
- Design and Permit selected improvements



**Before and After:
Ditch & Pipe
Modification**



Capital Improvement Program

Projects are reviewed by the Infrastructure Team considering:

- Justification of need
- Cost estimates
- impact on the future annual operating budgets
- Estimated completion
- Available funding

City of Palm Coast
3 Year Capital Improvement Plan



STORMWATER MANAGEMENT FUND	FY 18	FY 19	FY 20	FY 21	FY 22
Prior Year Carry-over	538,097	259,141	20,623	71,586	157,724
Revenues:					
Ad Valorem Taxes	502,590	577,979	664,675	764,377	879,033
Stormwater Fees	7,270,000	7,299,080	7,328,276	7,357,589	7,387,020
SJRWMD Grant	700,000	-	-	-	-
New Revenue	-	500,000	625,000	625,000	625,000
Interest on Investments	-	-	-	-	-
Total Revenues	8,472,590	8,377,059	8,617,952	8,746,966	8,891,053
Total Available Funds	9,010,687	8,636,200	8,638,574	8,818,552	9,048,777
Operating Expenses/Debt Service:	4,660,235	4,753,440	4,848,508	4,945,479	5,044,388



1 Year, 5 Year, 10 Year Plans are then Adopted

Major Capital Projects by Fund

Capital Projects Fund

- Multi-use Pathway Construction
- City Facility
 - New Construction
 - Renovations
- Recreation Amenities and Improvements



Recreation Impact Fee Fund

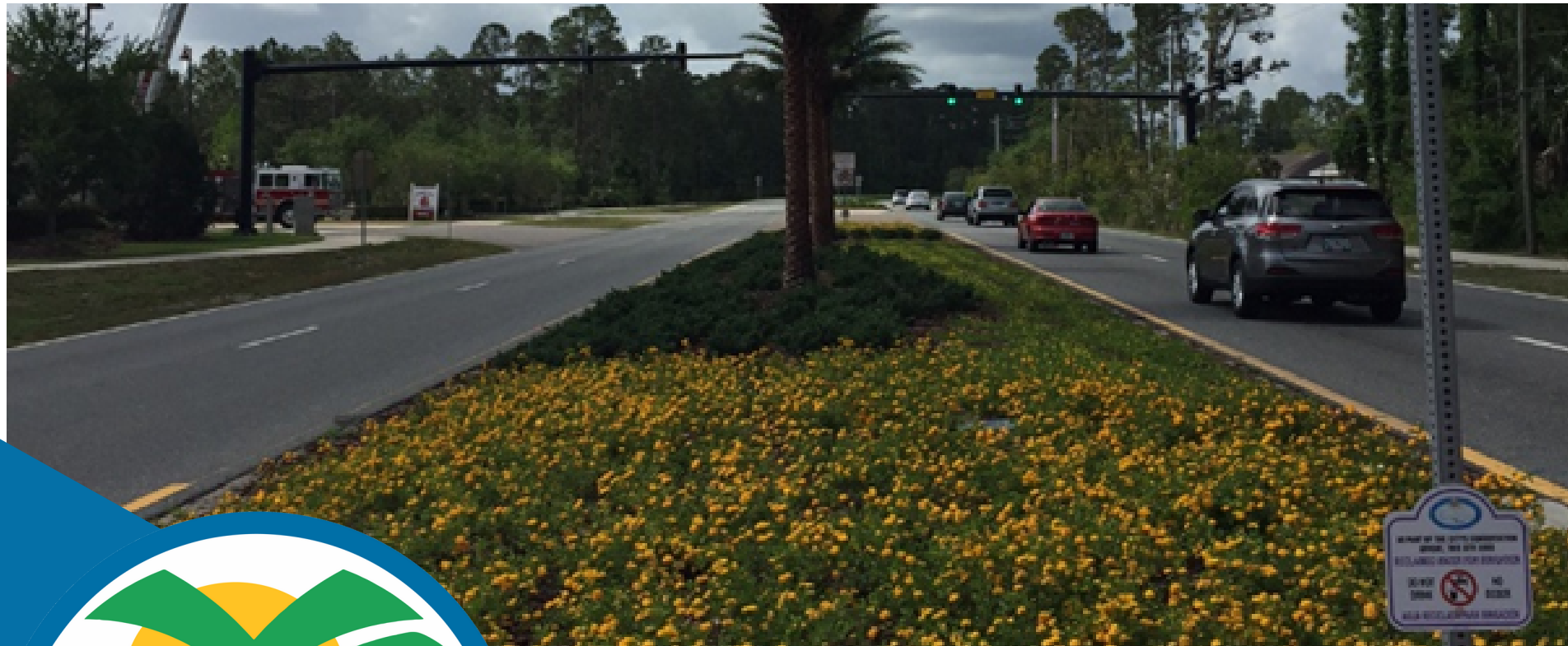
- Sport Field Construction
- New Park Construction



1 Year, 5 Year, 10 Year Plans are then Adopted (*continued*)

Transportation Impact Fee

- Roadway Capacity Improvements (Widening, Turn Lanes)
- New Traffic Signals



Streets Improvement Fund

- Street Rehab & Renewal
- Road Safety Improvements
- Bridge Rehab and Renewal
- Traffic Signal Replacements and Optimization
- Median Beautification



1 Year, 5 Year, 10 Year Plans are then Adopted (*continued*)

- ***Utility Capital Projects Fund***
- Well Field Expansion
- Water Mains and Reclaimed Water Mains
- New Facility Construction (water/wastewater treatment plants)
- Wastewater Pump Stations



Stormwater Management Capital Fund

- Swale Rehab and Pipe Replacements
- Water Control Structure (weir) Replacement
- Modeling Improvements (engineering computer models to identify new drainage projects)

