

**BROWARD COUNTY CAPITAL PROGRAM  
FY19-23**

**INTRODUCTION**

The Adopted Five-Year Capital Program continues to demonstrate the County's ongoing efforts to improve the current local economy through the expansion of our economic engines (Airport, Port and Beach Renourishment/Tourism) and to maintain and improve the County's investments in facilities and infrastructure within our available financial resources.

The adoption of a five-year capital program enables the County to address more infrastructure needs than can be funded in a single fiscal year and provides an opportunity to phase project funding to coincide with projected construction schedules and the availability of funds. A five-year capital program also enables the County to plan for the impact of new facilities on future operating and debt service budgets and provides the public with information about the County's plans for new facilities and infrastructure.

Capital projects compete for the same funding as ongoing services and programs. They are prioritized based on the policies of the County Commission articulated through the Commission's goals, the Adopted Comprehensive Plan, and other criteria such as the need to protect public health and safety, to maintain the County's infrastructure investments, to comply with federal and state mandates, and to minimize the impact of additional operating costs on the taxpayers. Capital program priorities are also guided by a multitude of programmatic master plans such as those for the Airport and Port. The County is utilizing several strategies to meet the increasing demand for capital funding, including leveraging funds from other sources by obtaining grants and working with other jurisdictions to jointly fund capital projects when possible. The County uses a pay-as-you-go approach whenever possible and borrows funds only when pay-as-you-go is not feasible or cost-effective. The County also uses revenue sources such as fees and charges to support projects in order to allocate the costs of improvements to the users of the facilities.

The following section describes the major sources of funding for the capital projects included in the Five Year Capital Program.

**FUNDING SOURCES**

General revenues, including property taxes and fund balances carried over from the prior year, are the primary funding sources for general capital projects, which are those projects that typically do not have dedicated funding sources. These general capital projects typically include libraries, parks, judicial, public safety, environmental, human services, information technology and other general government capital projects. The annual property tax allocation dedicated to general capital projects has increased approximately \$5.3 million from FY18, but is still a decrease of \$5.4 million or thirteen percent compared

to thirteen years ago. The decline in taxes for capital projects resulted from declines in the property tax roll during the “great recession” and the reallocation of these recurring revenues to minimize service reductions. Fund balances remaining from prior fiscal years will be spent down over the five-year capital program to offset previous year reductions in property tax revenues and continue to maintain the County’s facilities and infrastructure. The amount of property taxes allocated for capital projects must continue to incrementally increase throughout the five-year program to adequately maintain the County’s aging infrastructure investments after the fund balances have been spent-down.

Dedicated revenues also provide significant support for capital projects. The County will continue to utilize gas taxes for the expansion, maintenance and improvement of the regional road system. The budgeted gas taxes dedicated to transportation capital projects have decreased approximately \$1.7 million from FY18, and the amount of gas taxes allocated for road improvement and maintenance has significantly declined over the last thirteen years due to the reallocation of funds to support Transit operations. In FY19, gas tax revenues are forecasted to decline two percent, then another one percent decline starting in FY21, which makes it a challenge to support the County’s growing transportation needs without a new revenue source such as sales tax. Other dedicated revenues that support the Five-Year Capital Program include impact fees to support road and park improvements, concurrency fees to support transportation projects, and tourist development taxes for Convention Center projects and Beach Renourishment.

The Five-Year Capital Program includes three programs that are primarily supported with fees paid by the users of the facilities. These programs include Aviation, Port Everglades, and the Water and Wastewater utility. Revenues generated by users of these facilities and infrastructure offset the debt service payments required to fund major capital projects and pay for maintenance and renovation projects on a pay-as-you-go basis.

The capital program continues to rely on grants to support Transit capital needs. Federal and state aid is also an important funding source for Aviation, Port, Community Development and Beach Renourishment.

The following sections highlight the most significant projects included in the Five Year Capital Program.

## **CAPITAL PROJECTS**

### ***Transportation Projects***

The Five-Year Capital Program includes funding for two major road improvement and five major intersection improvement projects. Road expansion projects are typically included in the five-year program based on the availability of funds, when existing or projected traffic on the road exceeds the adopted Comprehensive Plan standard, or if the project relieves an overcrowded road segment.

The Five-Year Capital Program also provides funding to continue the countywide Signalization Engineering Improvements (SEI) project. This project deploys advanced technologies to optimize traffic

flow, improve transit schedules, and reduce congestion throughout the County. The project includes an enhancement of existing traffic operational and maintenance protocols, upgrade of the existing copper-wire based central control system to a more efficient and effective communication infrastructure, installation and configuration of new traffic control software and hardware, and upgrading of pertinent field controllers and devices to improve signal coordination and traffic flow throughout the County.

Funding is provided to continue the Mast Arms program which converts signalized intersections from span wire to metal mast arms. Upgraded intersections minimize the damaging impacts of wind storm events. To enhance pedestrian safety within school zones, and throughout the County, funding is programmed to incrementally provide signage and equipment upgrades for school zones and other high-pedestrian traffic areas. Specific activities within this program include relocation of existing beacons to match new start-and-end limits of the 15-mph speed zone; restoration of aging pedestrian and bicycle pavement markings and signage; construction of pedestrian and bicycle connectors; implementation of solar-powered school flasher devices; and improvements to the communication network.

Recurring funding is provided for road maintenance, resurfacing, guardrail repair, bridge maintenance, traffic control devices, street lighting repairs, bike lane construction, and sidewalk repairs. In addition roadway stormwater maintenance and rail road crossing repairs are funded in the five-year capital program.

### ***Libraries***

Funding is provided throughout the five-year program to preserve the County's investments by maintaining and improving library facilities. In FY19, funding is provided for multiple Information Technology initiatives to increase services and efficiency for patrons. The Five-Year Capital Program provides funding for replacement of furniture in the library system that has reached end of life. A library refresh program is funded in FY19-23 that will address exterior and interior improvements at library branches based on a needs assessment.

### ***Parks and Recreation***

The Five-Year Capital Program continues to provide funding for recurring maintenance and capital replacement projects to protect the infrastructure investments in County parks. The County is also investing significant resources in the development of Everglades Holiday Park. Park impact fee funding is allocated for the Boater's Park Parking Lot and improvements at Shooster Preserve. In FY20 and FY21, park impact fee funds are programmed to improve the land adjacent to Vista View Park. Improvements include additional parking, an equine pathway, a pedestrian bridge, and drainage improvements.

The Broward Boating Improvement Program (BBIP) is funded by recreational vessel registration fees. The County and local governments apply annually to the Marine Advisory Committee (MAC) for funds to construct various boating improvement projects. Major projects included in the BBIP five-year program include the construction of a boat ramp floating dock at George English Park and the replacement of the floating dock at Deerfield Island Marina.

### ***Judicial/Public Safety Projects***

Significant funding for repairs and improvements to the County's judicial, detention and public safety facilities is provided in each year of the General Capital Program. Approximately \$9.3 million is provided over the Five-Year Program for painting and sealing, elevator maintenance and improvements, roof replacements and repairs, carpet and tile replacement, HVAC upgrades and replacements, building repairs and security improvements at the County's Judicial facilities which include the main Judicial Complex and several regional courthouses. In addition to routine maintenance projects, the Five-Year Program allocates funding for major capital improvements to the County's main Judicial Complex. These projects include the design and construction of a 500 car secured parking garage, renovation of the North Wing's 1<sup>st</sup> floor to house a division of the Clerk of Courts, and the complete renovation of all six floors of the East Wing. Funding is also programmed for the future replacement of the South Regional Courthouse.

Additional funds are provided in the Five-Year Program for Public Safety facilities to replace the windows and glazing systems at the Main Jail and to upgrade the existing fire alarm and public address system at the Public Safety Complex.

***Facilities Maintenance Projects/General Government Projects***

The Five-Year Capital Program continues the annual allocation of significant funding for preventive maintenance and improvements to buildings and mechanical systems in County facilities, demonstrating the County's commitment to the preservation of its general government facilities. Approximately \$32 million is provided over the Five-Year Capital Program for exterior painting and sealing; elevator maintenance and improvements; roof replacement and repairs; carpet and tile replacement; HVAC upgrades and replacements; building repairs; renovation of existing facilities; equipment replacements; and life, safety and security improvements. In addition, \$9 million is provided over the Five-Year Capital Program as a part of the County's Energy Reduction Program that will include projects, such as LED lighting upgrades and the installation of solar panels, to increase energy efficiency and the County's renewable energy portfolio. Furthermore, in FY20-21, funding is provided for the design and construction of a replacement Medical Examiner and BSO Crime Lab joint facility. Funding is also provided in FY19-23 for the programming and design of a replacement Government Center East complex and a new Convention Center Headquarters Hotel. It is anticipated that the funds for those three major projects will be borrowed once the scope is finalized and programming is completed.

***Environmental and Water Resource Projects***

The continuing implementation of the County's Integrated Water Resources Plan (IWRP) will help Broward County meet its future water needs. Funding is programmed annually in FY19-23 for the design and construction of reclaimed water supply projects, and the expansion of the saltwater intrusion monitoring network as part of the ongoing initiative to reduce demands on the Biscayne Aquifer. Funds are also provided for the development of a Countywide inundation model to improve the representation of the surface and groundwater interface.

***Information Systems***

The Five-Year Capital Program includes approximately \$18 million for generally-funded information technology improvements including agency automation, fiber optic expansion, the Enterprise Resource Planning (ERP) project, hardware replacement, acquisitions and upgrades, improvement and expansion of network infrastructure, server replacement, and future projects. Many of the projects budgeted in FY19 address systems and hardware that are at end-of-life or have a primary focus of data security and enhancing information.

***Regional Communications Technology Projects***

The Five-Year Capital Program includes funding for the Office of Regional Communications and Technology capital projects. Projects funded in the FY19-23 Capital Program include additional funding for fire rescue alerting and paging, local government radio system, UPS systems, and radio tower maintenance. Funds are budgeted in FY19-20 for virtual desktop infrastructure of the regional Computer Aided Dispatch workstations.

***Broward Municipal Services District Improvement Projects***

The Broward Municipal Services District (BMSD), formerly known as unincorporated Broward County, consists of seven neighborhoods for which Broward County provides funding for municipal services such as fire/EMS, law enforcement, zoning and code enforcement, road repairs, street enhancements, housing and economic development, and park services.

Funding is provided in FY19 to replace the Delevoe Park restroom and recurring funding is provided to maintain the six local parks in the BMSD. In FY19-23, drainage improvements and community enhancement projects are also funded.

***Aviation Projects***

The Aviation Capital Program continues to enhance economic opportunity in accordance with Commission goals including approximately \$886 million for airfield, terminal, parking, and roadway system improvements as well as security enhancements over the next five years. Major airport projects included in the FY19-23 Capital Program are the following: designing and constructing an automated People Mover Circulator to provide access to each of the terminals as well as the Palm, Cypress and Hibiscus Garages (\$437 million), improving the Airport Access Roadway System (\$86 million), Gate Expansion for five additional gates to accommodate passenger demand (\$95 million), replacing 39 passenger boarding bridges (\$33.5 million), implementing security enhancements at the Fort Lauderdale-Hollywood International Airport (\$20 million), and providing additional funding to increase the overall footprint of the existing Terminal 4 Federal Inspection Service Facility (\$24.5 million). The Five-Year Capital Program is funded with a combination of bond proceeds, passenger facility charges, federal and state grants and airport fees and charges.

***Port Everglades Projects***

The Five-Year Capital Program continues to enhance economic opportunity in accordance with Commission goals. The program is based on implementation of the Master/Vision Plan Update adopted by the Board in June 2014. Major Port capital projects include the Army Corps of Engineers Deepening

and Widening (\$96.1 million), Southport Turning Notch Extension (\$103 million), new bulkheads at sixteen berths (\$144.3 million), Cruise Terminals 21 and 29 improvements (\$87 million), Phase I of the new Multimodal Facility (\$38.9 million), and the Tracor Basin Fill project (\$49.7 million). The Port capital program is funded with balances remaining from prior years, state grants, bond financing and Port fees and charges. The five year capital program is supported with the full seventy-five percent of eligible costs from state grants for the Southport Turning Notch Extension project pursuant to the Strategic Port Investment Initiative in FY16.

***Water and Wastewater***

The Five-Year Capital Program for the Water and Wastewater Services (WWS) utility continues to invest significant funding in the rehabilitation and replacement of existing water and sewer systems and infrastructure throughout the utility service area. Significant funding is also provided for facilities and disposal system improvements at the North Regional Wastewater Treatment Plant.

Throughout the five year program, funding is provided for a Septic Tank Elimination Program to eliminate most septic tanks in the County's service area by 2024. Water and wastewater projects are primarily funded with utility user fees, available fund balance, and bonds to be repaid from user fees.

***Transit***

The Five-Year Capital Program emphasizes the replacement and maintenance of buses and equipment. Funding is also allocated to enhance security, maintain transit information systems, bus stop improvements and pedestrian upgrades.

In FY19, \$11.7 million is budgeted for the replacement of buses; bus stop and shelter improvements; and funding for the Lauderhill Mall Transit Center project. Funding is also provided for expansion of the County's fiber network to the Copans Road Transit Facility and project management costs.

***Beach Renourishment Projects***

The Beach Renourishment Program is an ongoing effort to mitigate the natural erosion of beaches to protect residential and commercial beachfront property, as well as to maintain the vitality of the County's tourism industry. Tourist taxes largely support these projects, which will be supplemented with Federal, State and City contributions.

In FY19-23, funding is provided for the design and construction of hotspot sand fill projects, which will extend the useful life of the beach. The Five-Year Capital program includes funding for the construction of the Segment III beach project that will provide a combination of truck haul and dredge sand to renourish portions of beaches in Mizell-Johnson State Park, Dania Beach, Hollywood and Hallandale Beach. Funding is also provided for monitoring and sand recovery for the Port Everglades Sand Bypassing Project, which will provide sand to renourish the beaches south of the Port Inlet and minimize the need for future renourishment projects. Permitting of the Sand Bypass project is in progress

and construction is estimated to occur in the summer of FY19. The first sand recovery event is anticipated to occur in FY22.

***Affordable Housing and Redevelopment Projects***

The annual amount available for Community Development projects is assumed to remain constant until federal and state funding has been finalized. These funds are primarily allocated for rehabilitation and construction of affordable housing within targeted areas, and for construction and rehabilitation of public facilities and infrastructure. As Tax Increment obligations to Community Redevelopment Agencies expire, the Capital Program provides for the freed-up funds to be allocated for additional affordable housing and redevelopment projects. These efforts, in cooperation with local municipalities, the State of Florida, and the Housing Finance Authority, will help achieve the goal of adding 10,000 affordable units to the housing stock within 20 years.

***Tourist Development Projects***

In FY19, additional funds are budgeted for the pre-development and design work related to the Convention Center expansion, parking garage and site work. It is anticipated that construction of the Convention Center Expansion will be funded with bond proceeds using tourist taxes levy as the pledge. The County Commission increased the tourist tax levy in January of FY18 to support this project. In addition, the program includes an annual allocation for the capital challenge grant program that is funded with tourist development taxes. In FY19-23, funding is also provided for maintenance and improvements to the existing Convention Center facility. \$31.5 million is programmed over the five year capital program in accordance with the arena agreement, with the County net contributions declining from \$8.7 million to \$4.7 million by the end of the five years. Finally, in FY21-23, \$10 million is programmed for anticipated major capital repairs to the BB&T Arena that will be needed in future years.

**ONGOING CHALLENGES**

The County still faces multiple challenges in its efforts to provide new resources for its capital programs over the next five years. Recurring gas taxes and property tax revenues that were reallocated for recurring services in order to minimize service reductions during the great recession, need to continue to be replaced over the next five years in order to adequately maintain the County's aging infrastructure. Dealing with reductions in federal and state funding when infrastructure needs continue to expand, requires ongoing flexibility and creativity. This five-year program has been developed to maintain the County's infrastructure while dealing with these additional challenges. Difficult choices were made to prioritize projects and provide the resources necessary to support the highest priority projects. The County will continue to work to meet its capital program needs within the resources available.

## CAPITAL BUDGET - ALL FUNDS SUMMARY

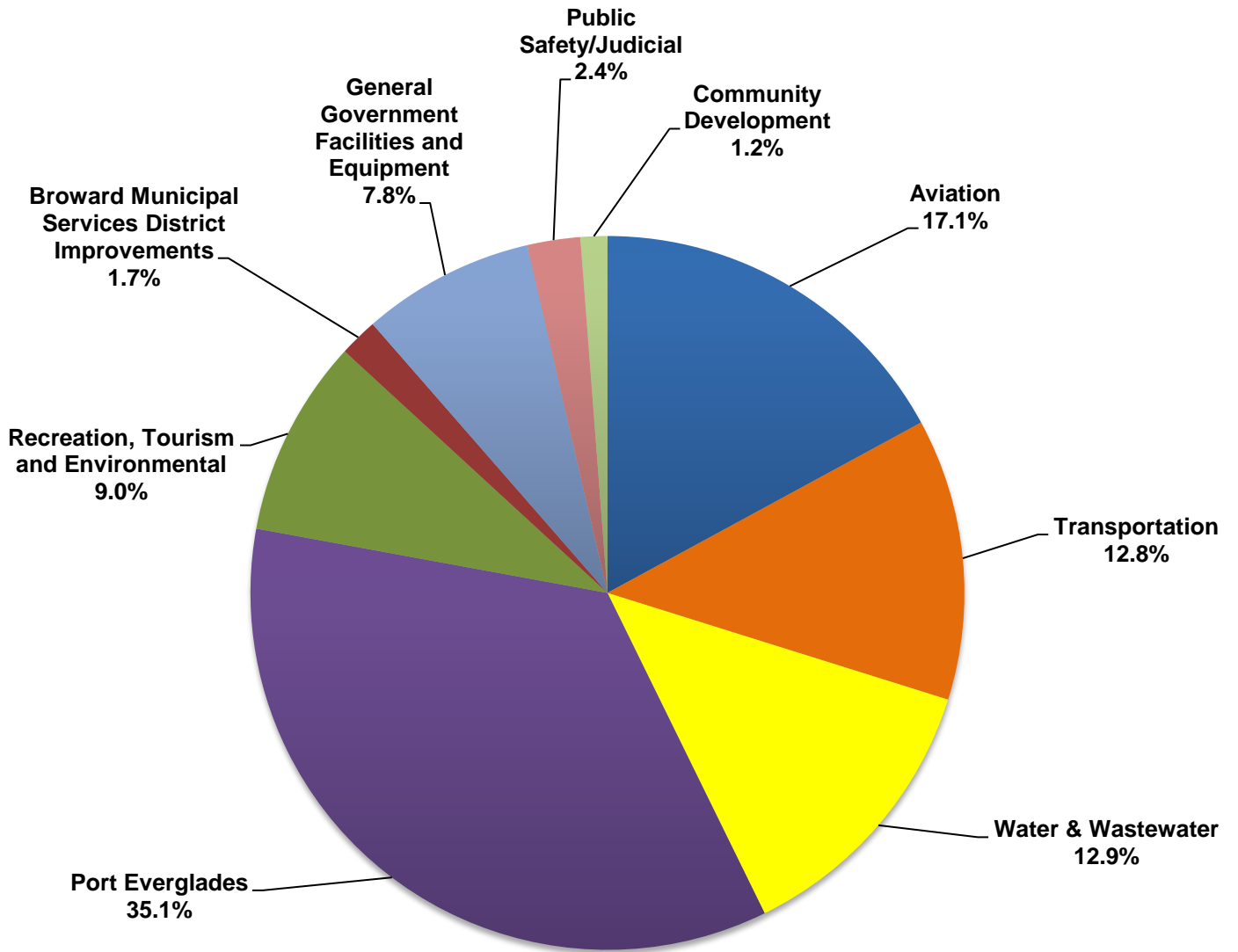
	Revised Fiscal Year <u>2018</u>	Fiscal Year <u>2019</u>
<b><u>GENERAL CAPITAL FUNDS</u></b>		
General Capital Outlay Fund	\$93,923,900	\$93,726,220
Courthouse Bond Capital	415,710	239,830
Streets and Highways Capital	5,985,000	6,800,000
Engineering Capital	24,657,500	21,469,530
Constitutional Gas Tax Capital Outlay	42,585,000	43,259,500
Tourist Development Capital	15,928,260	55,808,540
Beach Renourishment Capital	26,421,000	17,458,790
Broward Municipal Services District Capital	16,385,000	16,680,000
Libraries Bond Capital	13,480	0
Parks and Land Preservation Bond Capital	3,753,770	544,620
Convention Center Hotel Bond Capital	0	10,194,100
<b>Subtotal General Capital Funds</b>	<b><u>230,068,620</u></b>	<b><u>266,181,130</u></b>
Less Transfers	0	0
<b>Total General Capital Funds</b>	<b><u>230,068,620</u></b>	<b><u>266,181,130</u></b>
<b><u>ENTERPRISE CAPITAL FUNDS</u></b>		
Aviation Capital*	308,605,510	160,915,220
Port Everglades Capital**	303,359,820	331,149,220
Water & Wastewater Capital*	109,775,850	121,589,200
<b>Subtotal Enterprise Capital Funds</b>	<b><u>721,741,180</u></b>	<b><u>613,653,640</u></b>
Less Transfers	0	0
<b>Total Enterprise Capital Funds</b>	<b><u>721,741,180</u></b>	<b><u>613,653,640</u></b>
<b><u>OTHER CAPITAL FUNDS</u></b>		
Transit Capital Grant Fund	21,272,730	21,272,730
Transit Capital Non-Grants Fund	14,096,890	12,239,350
County Transportation Trust	109,442,500	106,887,000
Broward Boating Improvement Capital	1,110,000	1,108,000
Court Facilities Fee Fund	4,398,500	4,488,960
Affordable Housing Capital Projects Fund	15,685,500	11,211,500
Broward Redevelopment Program	10,200,000	224,600
Parks Impact Fee Trust Fund	2,400,000	79,200
<b>Subtotal Other Capital Funds</b>	<b><u>178,606,120</u></b>	<b><u>157,511,340</u></b>
Less Transfers	(101,505,580)	(95,135,950)
<b>Total Other Capital Funds</b>	<b><u>77,100,540</u></b>	<b><u>62,375,390</u></b>
<b>Subtotal All Capital Funds (Including Transfers)</b>	<b>\$1,130,415,920</b>	<b>\$1,037,346,110</b>
Less Transfers	(101,505,580)	(95,135,950)
<b>Total All Capital Funds</b>	<b><u>\$1,028,910,340</u></b>	<b><u>\$942,210,160</u></b>

\*Net of budgeted transfers

\*\*Port Everglades Capital FY18 budget is revised.



CAPITAL BUDGET APPROPRIATIONS



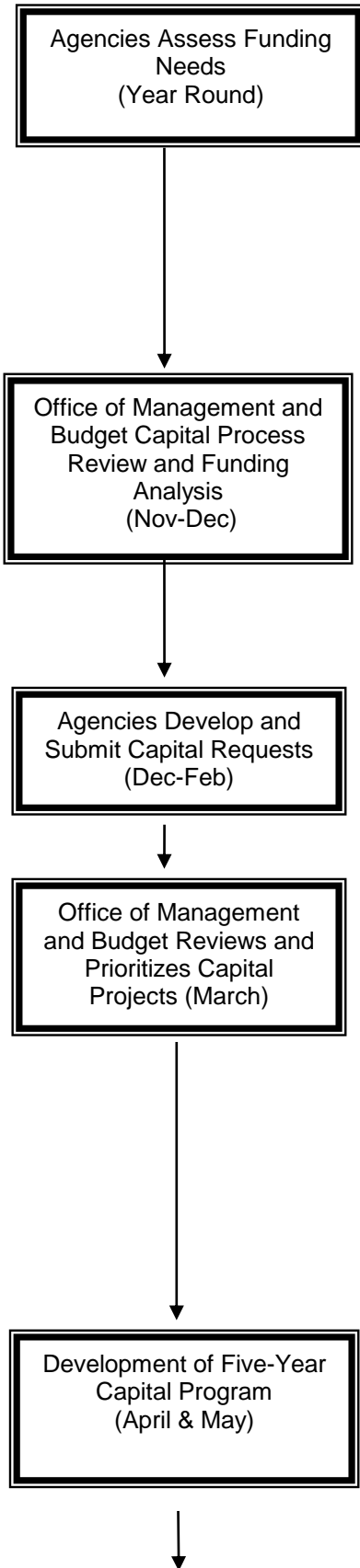
**CAPITAL BUDGET REVENUE SUMMARY**

	<u>Total</u>	<u>Taxes</u>	<u>Charges</u>	<u>Intergov</u>
<b>GENERAL CAPITAL FUNDS</b>				
General Capital Outlay Fund	\$93,726,220	\$35,770,510	0	0
Courthouse Bond Capital	239,830	0	0	0
Streets and Highways Capital	6,800,000	0	0	0
Engineering Capital	21,469,530	0	0	0
Constitutional Gas Tax Capital Outlay	43,259,500	0	0	1,075,000
Tourist Development Capital	55,808,540	0	0	0
Beach Renourishment Capital	17,458,790	0	0	10,458,790
Broward Municipal Services District Capital	16,680,000	0	0	0
Convention Center Hotel Bond	10,194,100	0	0	0
Parks and Land Preservation Bond Capital	544,620	0	0	0
<b>Total General Capital Funds</b>	<b><u>266,181,130</u></b>	<b><u>35,770,510</u></b>	<b><u>0</u></b>	<b><u>11,533,790</u></b>
<b>ENTERPRISE CAPITAL FUNDS</b>				
Aviation Capital	160,915,220	0	58,302,000	23,385,450
Port Everglades Capital	331,149,220	0	30,000,000	18,400,000
Water & Wastewater Capital	121,589,200	0	35,000,000	0
<b>Total Enterprise Capital Funds</b>	<b><u>613,653,640</u></b>	<b><u>0</u></b>	<b><u>123,302,000</u></b>	<b><u>41,785,450</u></b>
<b>OTHER CAPITAL FUNDS</b>				
Transit Capital Grants Fund	21,272,730	0	0	21,272,730
Transit Capital Non-Grants Fund	12,239,350	0	0	0
County Transportation Trust	106,887,000	81,960,000	4,631,580	0
Broward Boating Improvement Capital	1,108,000	0	450,000	0
Court Facilities Fee Fund	4,488,960	0	3,621,800	0
Affordable Housing Capital Projects	11,211,500	0	0	0
Broward Redevelopment Program	224,600	0	0	0
Parks Impact Fee Trust Fund	79,200	0	0	0
<b>Total Other Capital Funds</b>	<b><u>157,511,340</u></b>	<b><u>81,960,000</u></b>	<b><u>8,703,380</u></b>	<b><u>21,272,730</u></b>
<b>Total All Capital Funds</b>	<b><u>\$1,037,346,110</u></b>	<b><u>\$117,730,510</u></b>	<b><u>\$132,005,380</u></b>	<b><u>\$74,591,970</u></b>

**CAPITAL BUDGET REVENUE SUMMARY**

<u>Other</u>	<u>Less 5%</u>	<u>Transfers</u>	<u>Fund Balance</u>
\$5,967,330	(\$1,998,530)	\$24,986,910	\$29,000,000
0	0	0	239,830
0	0	6,700,000	100,000
200,000	(10,000)	8,479,530	12,800,000
600,000	(30,000)	9,114,500	32,500,000
0	0	54,308,540	1,500,000
0	0	7,000,000	0
400,000	(20,000)	0	16,300,000
10,194,100	0	0	0
109,480	(5,470)	0	440,610
<b><u>17,470,910</u></b>	<b><u>(2,064,000)</u></b>	<b><u>110,589,480</u></b>	<b><u>92,880,440</u></b>
79,308,700	(80,930)	0	0
277,769,220	(20,000)	0	5,000,000
86,589,200	0	0	0
<b><u>443,667,120</u></b>	<b><u>(100,930)</u></b>	<b><u>0</u></b>	<b><u>5,000,000</u></b>
0	0	0	0
0	0	11,684,500	554,850
0	(4,329,580)	0	24,625,000
30,000	(24,000)	0	652,000
135,000	(187,840)	0	920,000
110,000	(5,500)	0	11,107,000
0	0	0	224,600
0	0	0	79,200
<b><u>275,000</u></b>	<b><u>(4,546,920)</u></b>	<b><u>11,684,500</u></b>	<b><u>38,162,650</u></b>
<b><u>\$461,413,030</u></b>	<b><u>(\$6,711,850)</u></b>	<b><u>\$122,273,980</u></b>	<b><u>\$136,043,090</u></b>

## Capital Program Development Process



### **County Agencies:**

- assess future space, equipment and infrastructure needs based on Commission goals and policies;
- review adopted master plans and Commission goals to identify needed capital projects;
- translate needs into project proposals and cost estimates;
- confirm level of priority and accuracy of cost estimates of projects in current capital program by providing cost re-estimates;
- estimate the impact each project will have on the operating budget if the capital project funding is approved.

### **Office of Management and Budget**

- develops guidelines for agency submissions;
- provides assistance with the capital budget development process;
- evaluates agency estimates of the impact projects will have on the operating budget;
- forecasts revenues available for capital projects over the next five years;
- recommends new sources of funding for capital projects.

Agencies complete their capital project proposals. Departments submit prioritized capital funding requests and certify that all existing projects not under contract have been re-estimated to the Office of Management and Budget.

The Office of Management and Budget reviews the requested projects using the following criteria:

- linkage to implementation of County Commission goals, policies and master plans;
- funding availability;
- protection of public health and safety;
- compliance with mandates;
- maintenance of past capital investments;
- maintenance of adopted levels of service;
- impact on the operating budget, taxes, and fees.

The Office of Management and Budget develops a recommended capital program. The recommended program includes the highest priority capital projects and the revenue sources necessary to support those projects over a five-year period.

County Administrator Review  
of Recommended Capital  
Program  
(June)

The County Administrator reviews the Office of Management and Budget recommendations and changes are incorporated into the Five-Year Capital Program.



Presentation of  
Recommended Capital  
Program to the County  
Commission  
(July)

The Recommended Five-Year Capital Program is presented to the Board of County Commissioners.



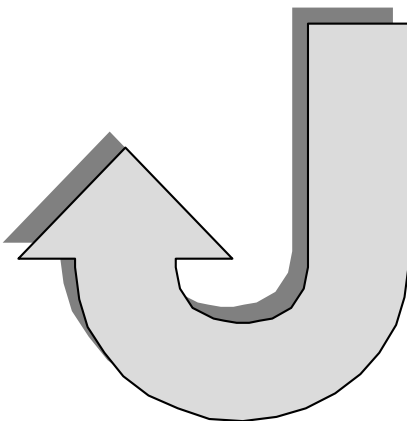
County Commission  
Review of Capital Program  
(August)

The County Commission reviews the capital program recommended by the County Administrator. The County Commission may direct changes to be made within any of the five years of the Capital Program.



Capital Program Adoption  
(September)

The Five-Year Capital Program is adopted along with the County budget and tax rates at a public hearing in September.



**Capital Program Development begins the next cycle.**

**HOW TO USE CAPITAL PROJECT DESCRIPTION PAGES**

***Funding Summary***

- Summarizes the amount of funding provided for each project from inception through the five-year program: (actual expenses + current budget + future funding in FY19-23)
- Indicates the amount of funding allocated to each project phase (i.e. design, construction, other, etc.) over the five-year program

***Project Comments***

- This narrative includes information such as:
  - a description of the project,
  - the location of the project,
  - the need for the project,
  - the status of the project,
  - description of linkages to other projects, and
  - information on project funding.

***Funding Schedule***

- Indicates the revenue sources of funding for the project for each year of the five-year program
- Indicates the amount of funding budgeted for the project in each year of the five-year program

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

General Capital

**PROJECT**

Emergency Operations Center Projects

**Funding Summary**

	Actual Expenses Through FY17	Modified FY18 Budget	FY19-23						Total
			Design	FY	Construction	FY	Other	FY	
Emergency Operations Center Server Room Expansion	51,577	393,514	0	----	37,000	19	0	----	482,091
Emergency Operations Center HVAC Improvements	0	970,000	0	----	978,000	19	0	----	1,948,000

**Project Comments**

- In FY19, an additional \$37,000 is budgeted for server room renovation and expansion at the Emergency Operations Center. Renovations include a new redundant exterior HVAC unit, fire-rated walls, gaseous fire protection system, electrical infrastructure to support existing and future needs, and new lights.
- In FY19, an additional \$978,000 is budgeted for HVAC improvements at the Emergency Operations Center. Improvements include chiller replacement, addition of a redundant chiller, air handler unit replacement, and insulation of the chilled water pipes.
- The Broward County Emergency Management Operations Center is located at 201 NW 84th Ave, Plantation, FL.

**Funding Schedule**

<u>Funding Sources</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>FY23</u>	<u>TOTAL</u>
General Capital Revenues	1,015,000	0	0	0	0	1,015,000
<b>TOTAL</b>	1,015,000	0	0	0	0	1,015,000

**Funding Requirements**

Emergency Operations Center Server Room Expansion	37,000	0	0	0	0	37,000
Emergency Operations Center HVAC Improvements	978,000	0	0	0	0	978,000
<b>TOTAL</b>	1,015,000	0	0	0	0	1,015,000

**FY19 CAPITAL POSITIONS**

The following chart depicts capital positions for FY18 and FY19.

<b><u>FISCAL YEAR 2019</u></b>	<b><u>FY18 Adopted</u></b>	<b><u>FY19 Adopted</u></b>
<b>CAPITAL POSITIONS*</b>		
Aviation	1	0
Construction Management	27	27
Enterprise Resource Planning (ERP)	25	25
Enterprise Technology Services	1	1
Facilities Management	28	31
Highway Bridge Maintenance	1	1
Highway Construction & Engineering	23	23
Environmental Planning and Community Resilience	1	1
Parks	7	7
Planning and Redevelopment	1	1
Traffic Engineering	14	14
Beach Capital	2	2
Office of Regional Communications Technology	1	1
County Operated Facility Inspections	6	6
County Administration	0	2
<b>Total Capital Position Cap</b>	<b>138</b>	<b>142</b>

\* Some or all of the projects these positions are associated with were budgeted in prior fiscal years.



**GLOSSARY OF TERMS**

<b>AMERICANS WITH DISABILITIES ACT (ADA):</b>	Federal Law passed in 1990 which restricts discrimination or the provision of services and facilities on the basis of disability.
<b>ANNEXATION:</b>	The process of expanding the geographic limits of a municipality to include unincorporated areas of the County.
<b>APPROPRIATION:</b>	The legal authorization given by the County Commission to make expenditures and incur obligations using County funds.
<b>BID PACKAGE:</b>	A phase of a construction project that is bid out to a construction contractor. A bid package is usually one part of a capital improvement project that has multiple construction contracts.
<b>BONDS:</b>	Obligations to pay back a specific amount of borrowed funds plus interest payments on specific dates.
<b>BROWARD ADDICTION RECOVERY CENTER (BARC):</b>	Broward Addiction Recovery Center (BARC) is a substance abuse assessment and treatment provider serving adult (18 years of age or older) Broward County residents at two locations. Services provided by BARC include assessments, a medically supervised detoxification unit, residential, and outpatient treatment. Case management and housing are also provided for those actively in treatment.
<b>BROWARD COUNTY JUDICIAL COMPLEX (BCJC):</b>	This complex currently consists of the North Tower, East Wing, Central Wing and West Wing, East parking garage and South parking garage. It is located at 201 SE 6th Street in Fort Lauderdale. The West Tower is a new courthouse tower to replace the existing Central and West Wings. The Tower opened to the public in FY17.
<b>BROWARD MUNICIPAL SERVICES DISTRICT (BMSD) AREA:</b>	The portions of Broward County which are not within a municipality. Municipal level services such as fire protection, neighborhood parks, code enforcement and garbage collection are provided to these unincorporated areas by the County.
<b>BROWARD MUNICIPAL SERVICES DISTRICT (BMSD) REVENUES:</b>	The property taxes, utility taxes, franchise and other fees and fund balances appropriated to support BMSD projects. All these revenues are generated from residents and businesses in unincorporated areas.
<b>BSO:</b>	Broward Sheriff's Office.
<b>CAPITAL BUDGET:</b>	The first year of the capital program which includes capital project appropriations and the revenues required to support the projects.
<b>CAPITAL EQUIPMENT:</b>	Equipment with a value in excess of \$1,000 and an expected life of more than one year; such as, automobiles, computers, and furniture.
<b>CAPITAL PROGRAM:</b>	All capital expenditures planned for the next five years. The program specifies both proposed projects and the resources estimated to be available to fund projected expenditures for a five-year period. The program is adopted by the County Commission annually.
<b>CAPITAL PROJECT:</b>	A capital project maintains, improves, acquires or constructs a County facility, infrastructure or other fixed asset that has a minimum useful life in excess of one year. Projects typically involve buildings, streets, parks, water and sewer systems, and Port and Airport projects. Projects are

typically budgeted in the financial system as a single “project ID;” however, there are some projects budgeted in multiple “project IDs” due to their size or complexity.

<b>CAPITAL REAPPROPRIATION:</b>	Appropriated funds that remain unspent at the end of a fiscal year and are allowed to be rolled forward and expended in subsequent fiscal years for the original purpose designated and approved by the Board.
<b>COMMERCIAL PAPER:</b>	Short-term loan from a commercial bank used to fulfill short-term borrowing needs.
<b>COMPREHENSIVE PLAN:</b>	Mandated by Florida Statutes, all local governments must develop and adopt a comprehensive plan to ensure adequate infrastructure to serve population growth and to ensure the environment is protected.
<b>CONTINGENCY:</b>	Funds allocated for costs which may arise as a result of unforeseen conditions.
<b>COUNTY TRANSPORTATION TRUST FUND (CTTF):</b>	The County's Transportation Trust Fund includes gas taxes and other transportation revenues. Revenues are generally initially budgeted in this fund and transferred to other funds for expenditure.
<b>DEBT SERVICE:</b>	Payments of principal, interest, and issuance costs associated with borrowing funds to pay for capital projects.
<b>EMERGENCY OPERATIONS CENTER (EOC):</b>	The Emergency Operations Center is a state of the art communications center that serves as the County's command center during an emergency.
<b>ENTERPRISE FUND:</b>	A fund which pays for the cost of its operations and capital improvements from user fees and does not receive property tax support. County enterprise funds include Water and Wastewater, Aviation, Port Everglades and Solid Waste.
<b>ENTERPRISE RESOURCE PLANNING (ERP):</b>	An ERP system is software that replaces many stand-alone systems of individual departments and offices – such as finance, budget, purchasing, project and grants management, payroll and human resource management – and integrates the functions into a single system that runs off a single database.
<b>FIRST FLORIDA LOAN POOL:</b>	A coalition of Florida local governments which combine their borrowing needs to obtain the most favorable terms.
<b>FISCAL YEAR (FY):</b>	The period of time in which funds are appropriated and accounted for. The County fiscal year begins annually on October 1 <sup>st</sup> and ends on September 30 <sup>th</sup> of the next calendar year.
<b>FIXED ASSETS:</b>	Assets of a long-term character which are intended to continue to be held or used; such as, land, buildings, improvements other than buildings, machinery, and equipment.
<b>FORT LAUDERDALE-HOLLYWOOD INTERNATIONAL AIRPORT (FLL):</b>	An aviation facility welcoming domestic, international, and cargo flights located at 100 Terminal Dr. in Fort Lauderdale.

<b>FUND:</b>	Monies set aside and accounted for separately in order to ensure that the monies are spent for a specific purpose or according to legal requirements.
<b>FUND BALANCE:</b>	The amount of revenues exceeding expenditures for a given fund at the close of a fiscal year which can be carried over to support the fund's budget in the next fiscal year.
<b>GENERAL CAPITAL REVENUES:</b>	The taxes, interest income, transfers, reimbursements and fund balances appropriated to support general capital projects. Projects include the acquisition, construction, maintenance, repairs and renovation of County facilities, and the acquisition of equipment. These projects typically do not have dedicated revenue sources.
<b>GOAL:</b>	A clear statement of what a program is intended to achieve over time and its impact on Broward County citizens.
<b>GOVERNMENT CENTER EAST (GCE):</b>	The County's main administrative facility located at 115 S. Andrews Avenue in Fort Lauderdale.
<b>GOVERNMENT CENTER WEST (GCW):</b>	A satellite administrative facility located at 1 N. University Drive in Plantation.
<b>GRANTS:</b>	Contributions or gifts of cash or other assets from another government or a non-profit organization to be used or expended for a specific purpose, activity, or facility.
<b>GREENWAY:</b>	Public land, linear in shape, protected and managed as part of linked conservation or recreation lands.
<b>HEALTH INSURANCE PORTABILITY &amp; ACCOUNTABILITY ACT (HIPAA):</b>	Federal Law passed in 1996 establishing standards for health care transactions and the security of health data.
<b>IMPACT AND CONCURRENCY FEES:</b>	Funds collected from a developer to fund improvements required to serve the residents or users of the development. The County currently collects impact fees for roads, parks, school facilities, and water and sewer infrastructure. Concurrency fees are collected for non-roadway transportation improvements.
<b>INFLATIONARY INCREASES:</b>	Increases to project costs solely due to the rising costs of materials and labor.
<b>INFRASTRUCTURE:</b>	The roads, facilities, underground structures and other capital improvements necessary to provide services.
<b>INTEGRATED WATER RESOURCE PLANS (IWRP):</b>	The Broward Countywide Integrated Water Resource Plan (IWRP) is the long-term plan of Broward County's water management community for meeting the needs of Broward's water users. It has been developed to coordinate the sources and users of water for effective and efficient local water management and to assist the local water suppliers in meeting the County's present and future urban and natural systems water needs.
<b>INTEREST INCOME:</b>	Revenues earned on cash balances within each fund.

<b>ISSUANCE COSTS:</b>	The expenses associated with the sale of a new issue of municipal securities including such items as legal fees, financial advisor fees, rating agency fees, printing, and others. In certain cases, the underwriter's spread and bond insurance premiums may be considered as part of the overall costs of issuance.
<b>LEVEL OF SERVICE:</b>	The product or end results of a program with the resources available.
<b>LESS FIVE PERCENT:</b>	Under state statute, revenues are budgeted at 95 percent of anticipated receipts, except for transfers, fund balance, bond issues, selected grants and reimbursements which are budgeted at 100 percent.
<b>MUNICIPALITY:</b>	A geographically defined area that has been granted limited self-governing authority by the State. The powers of a municipality are listed in a charter of incorporation and are limited by State statute.
<b>MULTI-YEAR (MY):</b>	Indicates that the project phase is funded over more than one fiscal year.
<b>NON-AD VALOREM FINANCING:</b>	The borrowing of funds for capital projects with the commitment to pay the debt service with revenues other than property taxes.
<b>NORTH REGIONAL COURTHOUSE (NRCH):</b>	A satellite courthouse facility located at 1600 W. Hillsboro Blvd. in Deerfield.
<b>OPERATING BUDGET IMPACT:</b>	The incremental adjustment to an operating budget resulting from the completion of capital improvements. Typically included are the costs to operate and maintain the facility. The impact of the project may also result in savings to the budget.
<b>OPERATING REVENUES:</b>	Revenues generated from the operating activities of an agency as a result of charging fees to customers to cover on-going operating, debt service and capital program requirements. The term is typically associated with Enterprise Funds.
<b>PORT EVERGLADES (PE):</b>	A seaport facility that is a center for international trade and cruise vacations located at 1850 Eller Dr. in Fort Lauderdale.
<b>PRINCIPAL:</b>	The original amount borrowed through a loan, bond issue or other form of debt.
<b>PROPERTY TAXES (AD VALOREM):</b>	A revenue which is collected on the basis of a rate applied to the taxable valuation of real property established by the Property Appraiser.
<b>PUBLIC ART &amp; DESIGN ORDINANCE:</b>	Ordinance that establishes an art allocation for the acquisition, support, and maintenance of works of art based on a percentage of the amount of design and construction funding that is appropriated for eligible capital projects.
<b>RESERVES:</b>	An account used to earmark funds to be expended for a specific purpose in the future.
<b>REVENUE:</b>	The taxes, fees, charges, special assessments, grants and other funds collected and received by the County in order to support the services provided.

<b>SOUTH REGIONAL COURTHOUSE (SRCH):</b>	A satellite courthouse facility located at 3550 Hollywood Blvd. in Hollywood.
<b>SPECIAL ASSESSMENT:</b>	A compulsory charge made against certain properties to defray part or all of the cost of a specific improvement or service deemed to primarily benefit those properties.
<b>TRANSFER:</b>	The movement of cash or other resources between funds.
<b>TRANSPORTATION CAPITAL REVENUES:</b>	The local option and constitutional gas taxes, interest income, reimbursements from other funds and fund balance appropriated to support road construction, road improvements, and traffic signalization projects.
<b>USER CHARGES:</b>	The payment of a fee for direct receipt of a public service by the person benefiting from the service.
<b>WATER AND WASTEWATER SERVICES (WWS):</b>	County Agency that provides clean drinking water, regional wastewater services, and storm water and canal services that support aquifer and flood management in Broward County.
<b>WEST REGIONAL COURTHOUSE (WRCH):</b>	A satellite courthouse facility located at 100 N. Pine Island Road in Plantation.

### Ongoing Major Capital Projects Over \$5m Budgeted in Prior Fiscal Years

These projects were appropriated in prior fiscal years and are continuing through FY19. No additional funds are in the FY19-23 capital program for these projects. Projects that are substantially completed in FY18 are not included.

<b>GENERAL CAPITAL</b>			
<b>Project Name</b>	<b>Expenses Through FY17</b>	<b>FY18 Modified Budget</b>	<b>Total Estimated Project Cost</b>
Public Safety Radio Replacement	4,926,228	44,054,396	48,980,624
Supervisor of Elections New Facility	365,294	15,785,821	16,151,115
Everglades Holiday Park Construction Phase I	233,622	6,944,385	7,178,007

<b>TRANSPORTATION CAPITAL</b>			
<b>Project Name</b>	<b>Expenses Through FY17</b>	<b>FY18 Modified Budget</b>	<b>Total Estimated Project Cost</b>
Wiles Rd Riverside to Rock Island	981,595	12,006,135	12,987,730
Andrews Avenue Bridge	867,795	8,758,828	9,626,623
Pembroke Rd Dykes to Silver Shores	259,715	10,255,286	10,515,001

<b>ENTERPRISE CAPITAL - Port Everglades Capital</b>			
<b>Project Name</b>	<b>Expenses Through FY17</b>	<b>FY18 Modified Budget</b>	<b>Total Estimated Project Cost</b>
Port Neo-Bulk Storage Area	0	7,700,000	7,700,000
Port Cruise Terminal 25	3,486,005	118,550,346	122,036,351
FPL Substation	0	12,564,000	12,564,000

<b>ENTERPRISE CAPITAL - Water and Wastewater Capital</b>			
<b>Project Name</b>	<b>Expenses Through FY17</b>	<b>FY18 Modified Budget</b>	<b>Total Estimated Project Cost</b>
Cap-3A Potable Water Storage	2,932,722	6,580,512	9,513,234
Master Pump Station 454 Rehabilitation	116,675	6,797,157	6,913,832
1A WTP Expansion	5,099,590	6,710,954	11,810,544
NRWWTP Load Center and MCC	1,081,339	5,570,697	6,652,036
NRWWTP Steel Structure Repair	2,661,312	14,273,590	16,934,902
Retail Facilities Security System	8,733	6,182,808	6,191,541

<b>ENTERPRISE CAPITAL - Aviation Capital</b>			
<b>Project Name</b>	<b>Expenses Through FY17</b>	<b>FY18 Modified Budget</b>	<b>Total Estimated Project Cost</b>
AIMS Phase II	771,643	13,000,000	13,771,643
Av-Aep3-Taxiway C Improvement East	6,618,188	11,661,315	18,279,503
Campus Wayfinding Plan	894,948	5,327,212	6,222,160
CCTV Enhancement 2018	0	22,000,000	22,000,000
Consolidated Ground Transportation Facility	14,281	6,451,360	6,465,641
Exit Roadway Improvements	0	6,500,000	6,500,000
FLL Utilities Upgrade	11,331,065	18,284,765	29,615,830
Integrated Security Systems	0	24,000,000	24,000,000
New FLL Security Facility	275,402	13,785,000	14,060,402
Rehabilitation of N. Runway 10	1,861,117	72,000,000	73,861,117
Security Infrastructure Project	97,850	43,000,000	43,097,850
T4 Aircraft Parking Apron	45,837,328	91,479,242	137,316,570