



Fiscal Year 2018

# Recommended Capital Program



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**Norman S. J. Foster**  
Director, Office of Management and Budget

## FISCAL YEAR 2018-2022

### CAPITAL PROGRAM

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The Broward County Annual Operating Budget, Five-year Capital Improvement Program and Budget-in-Brief provide Broward County residents and the Board of County Commissioners with a funding plan for FY18. These documents summarize the spending policies that were used to develop the budget; the financial and budgetary details that make up the budget; and most importantly, descriptions of the programs and capital projects that are provided with the public's funds.

The **Capital Program** document is divided into seven sections. The first section summarizes the County's capital funding policies and project allocations. Each of the other sections represents a major category of capital projects, such as Transportation and Enterprise. Within each section, there are five year displays of revenues and appropriations followed by individual project pages which detail project descriptions and highlights.

Also included is the Broward County Debt Service budget which displays principal payments, interest payments and required reserves for County bond issues. Narrative pages summarize the projects funded with bond proceeds and the terms of the bond issue.

Two other budget documents are available to provide additional information:

- The **FY18 Budget-in-Brief** provides an overview of the entire County Budget. It includes the County Administrator's Budget Message which presents the budgetary and financial policies upon which the budget was developed.
- The **FY18 Operating Budget** provides budgetary detail by program and explains increases and decreases in each agency's budget. It also sets out programmatic objectives and describes the level of service provided for residents by Broward County agencies.

If you have any questions, or desire additional information please call the Office of Management and Budget at 954-357-6345, or visit us at [www.broward.org/budget](http://www.broward.org/budget).

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**BROWARD COUNTY CAPITAL PROGRAM  
FY18-22**

**INTRODUCTION**

The Recommended Five-Year Capital Program demonstrates the County's continuing efforts to improve the local economy through expansion of the Airport and Port Everglades and preservation of beaches, and to improve and maintain the County's investments in facilities and infrastructure with limited 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 \$4.9 million from FY17, but is still a decrease of \$10.6 million or twenty six percent

compared to twelve years ago. The decline in taxes for capital projects resulted from declines in the 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 significantly increase by the end of the five year program in order 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 has increased approximately \$3.9 million from FY17, but the amount of gas taxes allocated for road improvement and maintenance has significantly declined over the last twelve years due to the reallocation of funds to support Transit operations. 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 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 and Community Development 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 six major road improvement and four 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.

\$2.5 million of funding is provided in the Five-Year Capital Program for the construction of bike lanes on several County roadways that are presently without curbs to reduce passing conflicts between motor vehicles and bicyclists and provide increased connectivity in the bike lane network. The Five-Year Capital program also includes \$1.2 million for safety improvements to North Pine Island Road in Tamarac.

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.

### ***Libraries***

Funding is provided throughout the five year program to preserve the County's investments by maintaining and improving library facilities. In addition to maintaining existing facilities, the Pompano Beach Branch is currently under construction and slated for completion in November 2017. In FY18, 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 FY18-22 that will address exterior and interior improvements at library branches based on a need 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 construction of Everglades Holiday Park Phase II Master Plan and the construction of a nature center at Miramar Pinelands Park. In FY20 and FY21, park impact fee funds are programmed to improve the land adjacent to Vista View Park. Improvements include adding additional parking, an equine pathway, pedestrian bridge, and drainage improvements.

Funds remaining from the 2001 Parks Bond Program are reprogrammed to complete the funding for the Tradewinds Park North Improvements and a new splash pad at Vista View Park.

### ***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 \$10.7 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. The new Courthouse complex, appropriated in prior fiscal years, consists of a 20-floor, 675,000 square foot, replacement Courthouse

constructed on County-owned land at the corner of SE 6th Street and SE 1st Avenue in Fort Lauderdale, including additional parking. The building was completed in the fall of 2016. Also funded in prior years, renovations to the Mid-rise complex across from the Courthouse, which supports judicial functions, was completed in 2017 and will result in rent savings. Additional funds are provided in FY18 to renovate the East Wing of the Judicial Complex including new HVAC ductwork, electrical infrastructure, and an updated space layout. In FY19-20, additional funds are provided to replace the windows and glazing systems at the Main Jail.

***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 \$40 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 and life safety and security improvements. In addition, \$9.5 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, designed to increase energy efficiency and the County's renewable energy portfolio. In FY18-20, funding is provided for the design and construction of a replacement Medical Examiner and Crime Lab joint facility and for the planning of a new government complex on the land recently purchased on 21<sup>st</sup> avenue in Fort Lauderdale. Funding is also provided in FY18-22 for the programming and design of a replacement Government Center East complex.

***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 FY18-22 for the design 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. In FY18, funds are 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 \$28.2 million for generally-funded information technology improvements, \$13.6 million of which is allocated for the Enterprise Resource Planning (ERP) capital project. These funds support rollouts 2 and 3 of ERP which is funded by a variety of different funds including all of the enterprise funds. The remaining \$14.6 million is allocated for agency automation, hardware replacement, acquisition and upgrades, improvement and expansion of network infrastructure, server replacement, and future projects. Many of the projects budgeted in FY18 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 FY18-22 Capital Program include additional funding for more P25 Radio Analyzers and the replacement of generators, UPS systems, and radio tower maintenance. The P25 Replacement System project, which includes the replacement of radios, is funded in FY17 and is underway.

***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 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 FY18 to provide additional parking at Lafayette Hart Park and install trash receptacles and solar lighting in Dillard Green Space. Recurring funding is provided to maintain the six local parks in the BMSD. There is also funding allocated in FY18 to install a backup generator at Fire Station 14. In FY18-22, drainage projects 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 \$590 million for airfield, terminal, parking, and roadway system improvements as well as security enhancements over the next five years. Terminal Modernization projects at terminals 1, 2, 3 and 4 are underway or will begin during FY18-22. Major airport projects include improving the Airport Access Roadway System (\$100 million), adding Connector Bridges between Terminals (\$129 million), Gate Expansion for five additional gates to accommodate passenger demand (\$95 million), implementing security enhancements at the Fort Lauderdale-Hollywood International Airport (\$41 million), and providing additional funding to increase the overall footprint of the existing Terminal 4 Federal Inspection Service Facility (\$25 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 (\$137.5 million), Southport Turning Notch Extension (\$206 million), new bulkheads at fourteen berths (\$128.2 million), Cruise Terminal 25 improvements (\$75.4 million), and Phase I of the new Multimodal Facility (\$41.9 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 2022. 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 FY18, \$12.9 million is reserved for County match of competitive grants for the purchase of new and replacement buses. Funding is also provided for expansion of the County's fiber network to the Copans Road Transit Facility, project management costs, and contracted architectural and design services (\$1.1 million).

***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.

Construction of the Segment II project began in January 2016 which includes trucking-in sand to renourish portions of beaches in Fort Lauderdale, Lauderdale-By-The-Sea, and Pompano Beach. Beach fill for the Segment II project was completed in January 2017. The Five-Year Capital program includes funding for 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 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. Construction of the sand bypass is in progress. The first sand recovery event is scheduled to occur in FY20.

***Housing and Community Development 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. In order to accelerate the rate of construction of additional affordable housing units funds are transferred from the General Fund to supplement existing grant funds. As Tax Increment obligations to Municipal Community Redevelopment Districts expire, the Capital Program provides for a portion of the freed-up funds to be allocated for additional affordable housing units. 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.

***Convention Center Projects***

In FY18, funds are budgeted for the pre-development 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 an additional tourist tax levy as the pledge. The County Commission plans to consider that levy during FY18. The program also includes an annual allocation for the capital challenge grant program that is funded with tourist development taxes. In FY18-22, funding is also provided for maintenance and improvements to the existing Convention Center facility. \$34.8 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.

**ONGOING CHALLENGES**

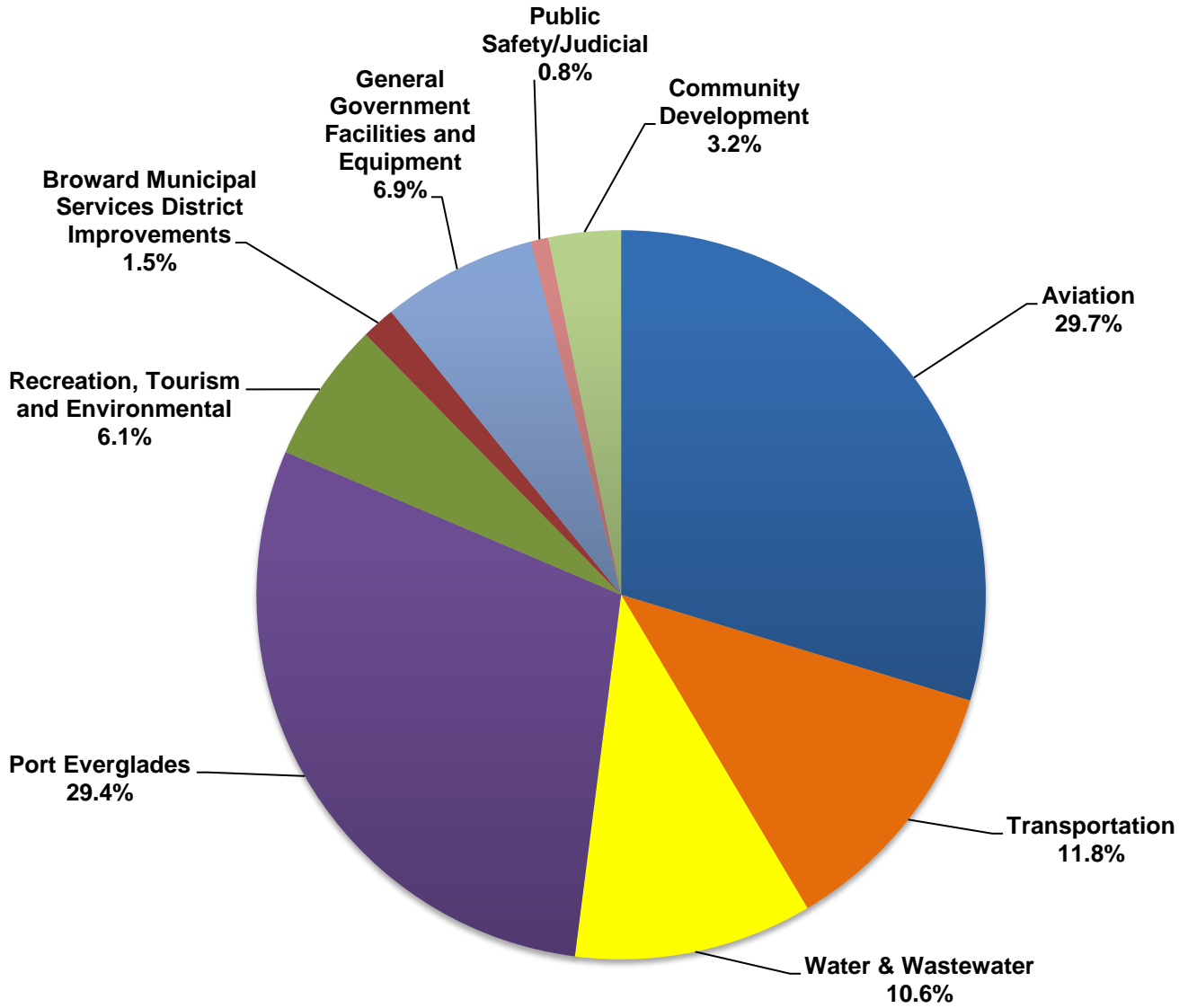
The County still faces multiple challenges in its efforts to provide new resources for its capital programs over the next five years. Recurring gas taxes and property tax revenues that were reallocated for recurring services in order to minimize service reductions during the great recession, need to 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, continues to require 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

	Fiscal Year <u>2017</u>	Fiscal Year <u>2018</u>
<b><u>GENERAL CAPITAL FUNDS</u></b>		
General Capital Outlay Fund	\$142,643,310	\$93,923,900
Courthouse Bond Capital	203,870	415,710
Streets and Highways Capital	8,681,000	5,985,000
Engineering Capital	11,514,100	24,657,500
Constitutional Gas Tax Capital Outlay	59,891,630	42,585,000
Convention Center Capital	19,327,000	15,928,260
Beach Renourishment Capital	11,599,740	26,421,000
Broward Municipal Services District Capital	18,006,500	16,385,000
Libraries Bond Capital	2,640,580	13,480
Parks and Land Preservation Bond Capital	896,070	3,753,770
<b>Subtotal General Capital Funds</b>	<b><u>275,403,800</u></b>	<b><u>230,068,620</u></b>
Less Transfers	(1,217,000)	0
<b>Total General Capital Funds</b>	<b><u>274,186,800</u></b>	<b><u>230,068,620</u></b>
<b><u>ENTERPRISE CAPITAL FUNDS</u></b>		
Aviation Capital*	387,485,190	308,605,510
Port Everglades Capital*	243,614,970	305,405,650
Water & Wastewater Capital*	168,680,940	109,775,850
<b>Subtotal Enterprise Capital Funds</b>	<b><u>799,781,100</u></b>	<b><u>723,787,010</u></b>
Less Transfers	0	0
<b>Total Enterprise Capital Funds</b>	<b><u>799,781,100</u></b>	<b><u>723,787,010</u></b>
<b><u>OTHER CAPITAL FUNDS</u></b>		
Transit Capital Grant Fund	21,272,730	21,272,730
Transit Capital Non-Grants Fund	5,485,340	14,096,890
Community Development Capital	7,417,870	7,417,870
County Transportation Trust	96,356,190	109,442,500
Broward Boating Improvement Capital	1,181,490	1,110,000
Court Facilities Fee Fund	4,764,250	4,398,500
Affordable Housing Capital Projects Fund	792,500	15,685,500
Broward Redevelopment Program	6,350,000	10,200,000
Parks Impact Fee Trust Fund	2,454,840	2,400,000
<b>Subtotal Other Capital Funds</b>	<b><u>146,075,210</u></b>	<b><u>186,023,990</u></b>
Less Transfers	(91,568,890)	(101,505,580)
<b>Total Other Capital Funds</b>	<b><u>54,506,320</u></b>	<b><u>84,518,410</u></b>
<b>Subtotal All Capital Funds (Including Transfers)</b>	<b>\$1,221,260,110</b>	<b>\$1,139,879,620</b>
Less Transfers	(92,785,890)	(101,505,580)
<b>Total All Capital Funds</b>	<b><u>\$1,128,474,220</u></b>	<b><u>\$1,038,374,040</u></b>

\*Net of budgeted transfers

**CAPITAL BUDGET APPROPRIATIONS**



**CAPITAL BUDGET REVENUE SUMMARY**

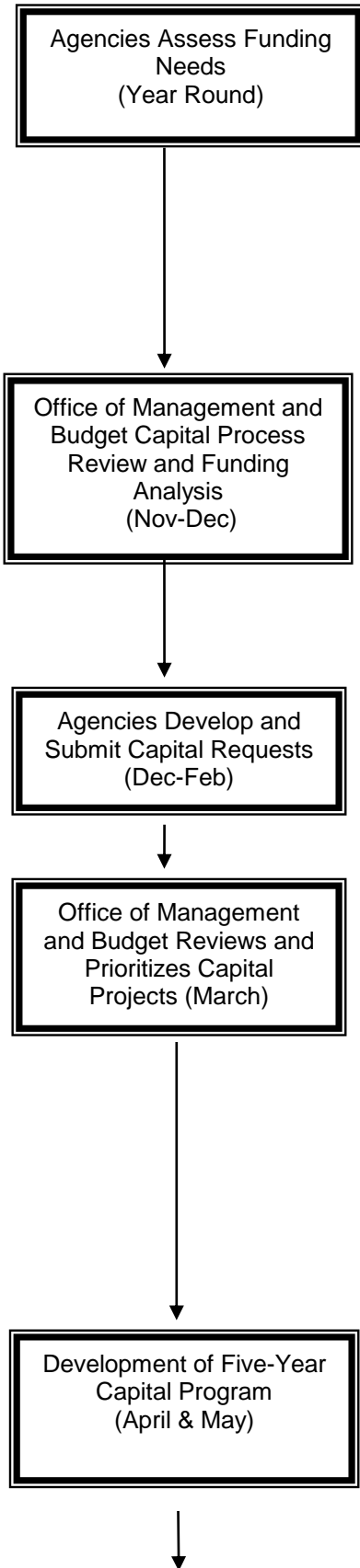
	<u>Total</u>	<u>Taxes</u>	<u>Charges</u>	<u>Intergov</u>
<b>GENERAL CAPITAL FUNDS</b>				
General Capital Outlay Fund	\$93,923,900	\$30,478,080	0	0
Courthouse Bond Capital	415,710	0	0	0
Streets and Highways Capital	5,985,000	0	0	0
Engineering Capital	24,657,500	0	0	0
Constitutional Gas Tax Capital Outlay	42,585,000	0	0	1,770,000
Convention Center Capital	15,928,260	0	0	0
Beach Renourishment Capital	26,421,000	0	0	18,596,000
Broward Municipal Services District Capital	16,385,000	0	0	0
Libraries Bond Capital	13,480	0	0	0
Parks and Land Preservation Bond Capital	3,753,770	0	0	0
<b>Total General Capital Funds</b>	<b><u>230,068,620</u></b>	<b><u>30,478,080</u></b>	<b><u>0</u></b>	<b><u>20,366,000</u></b>
<b>ENTERPRISE CAPITAL FUNDS</b>				
Aviation Capital	308,605,510	0	118,692,500	7,712,500
Port Everglades Capital	305,405,650	0	45,020,000	38,500,000
Water & Wastewater Capital	109,775,850	0	54,975,850	0
<b>Total Enterprise Capital Funds</b>	<b><u>723,787,010</u></b>	<b><u>0</u></b>	<b><u>218,688,350</u></b>	<b><u>46,212,500</u></b>
<b>OTHER CAPITAL FUNDS</b>				
Transit Capital Grants Fund	21,272,730	0	0	21,272,730
Transit Capital Non-Grants Fund	14,096,890	0	0	0
Community Development Capital	7,417,870	0	0	7,417,870
County Transportation Trust	109,442,500	83,650,000	3,000,000	0
Broward Boating Improvement Capital	1,110,000	0	450,000	0
Court Facilities Fee Fund	4,398,500	0	3,500,000	0
Affordable Housing Capital Projects	15,685,500	0	0	0
Broward Redevelopment Program	10,200,000	0	0	0
Parks Impact Fee Trust Fund	2,400,000	0	812,000	0
<b>Total Other Capital Funds</b>	<b><u>186,023,990</u></b>	<b><u>83,650,000</u></b>	<b><u>7,762,000</u></b>	<b><u>28,690,600</u></b>
<b>Total All Capital Funds</b>	<b><u>\$1,139,879,620</u></b>	<b><u>\$114,128,080</u></b>	<b><u>\$226,450,350</u></b>	<b><u>\$95,269,100</u></b>



**CAPITAL BUDGET REVENUE SUMMARY**

<u>Other</u>	<u>Less 5%</u>	<u>Transfers</u>	<u>Fund Balance</u>
\$5,639,760	(\$1,658,900)	\$32,564,960	\$26,900,000
0	0	0	415,710
0	0	5,485,000	500,000
200,000	(10,000)	12,567,500	11,900,000
600,000	(30,000)	9,945,000	30,300,000
0	0	14,828,260	1,100,000
500,000	(25,000)	7,000,000	350,000
300,000	(15,000)	0	16,100,000
14,190	(710)	0	0
0	0	0	3,753,770
<b><u>7,253,950</u></b>	<b><u>(1,739,610)</u></b>	<b><u>82,390,720</u></b>	<b><u>91,319,480</u></b>
182,220,270	(19,760)	0	0
181,869,880	(20,000)	0	40,035,770
54,800,000	0	0	0
<b><u>418,890,150</u></b>	<b><u>(39,760)</u></b>	<b><u>0</u></b>	<b><u>40,035,770</u></b>
0	0	0	0
0	0	14,096,890	0
0	0	0	0
0	(4,332,500)	0	27,125,000
30,000	(24,000)	0	654,000
130,000	(181,500)	0	950,000
90,000	(4,500)	15,000,000	600,000
0	0	0	10,200,000
0	0	0	1,588,000
<b><u>250,000</u></b>	<b><u>(4,542,500)</u></b>	<b><u>29,096,890</u></b>	<b><u>41,117,000</u></b>
<b><u>\$426,394,100</u></b>	<b><u>(\$6,321,870)</u></b>	<b><u>\$111,487,610</u></b>	<b><u>\$172,472,250</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.



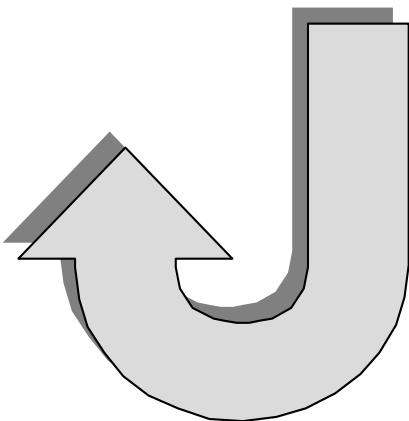
County Commission  
Review of Capital Program  
(August)

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 FY18-22)
- 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**  
Thomas Street Remodel

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Thomas Street Warehouse Renovation	51,013	1,422,791	0	----	615,000	18	0	----	2,088,804

**Project Comments**

- The Thomas Street Building is located at 2326 Thomas Street in Hollywood, Florida.
- The Facilities Maintenance Division will relocate their southwest shop to this location and will sell their current shop location at Griffin Road/Pine Island Road. Real Property currently estimates the value of the Griffin Road/Pine Island Road property at \$3,500,000. Formal appraisals have not been conducted as of this date.
- Additional funding in the amount of \$615,000 is provided in FY18 for renovation of the Thomas Street building. Repairs and upgrades are required to enable the building to be utilized as a Facilities Maintenance shop.
- Additional funding is budgeted to replace the roof, construct a permanent emergency generator enclosure and hookup, and additional site work identified during the design phase.

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
General Construction Revenues	615,000	0	0	0	0	615,000
<b>TOTAL</b>	615,000	0	0	0	0	615,000
<b><u>Funding Requirements</u></b>						
Construction	615,000	0	0	0	0	615,000
<b>TOTAL</b>	615,000	0	0	0	0	615,000

**FY18 CAPITAL POSITIONS**

The following chart depicts capital positions for FY17 and FY18.

<b><u>FISCAL YEAR 2018</u></b>	<b><u>FY17 Adopted</u></b>	<b><u>FY18 Recommended</u></b>
<b>CAPITAL POSITIONS*</b>		
Aviation	1	1
Construction Management	24	27
Enterprise Resource Planning (ERP)	25	25
Enterprise Technology Services	1	1
Facilities Management	28	28
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
Port Everglades Seaport Construction	20	20
Traffic Engineering	14	14
Beach Capital	2	2
Office of Regional Communications Technology	1	1
County Operated Facility Inspections	0	6
<b>Total Capital Position Cap</b>	<b>149</b>	<b>158</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 CONSTRUCTION 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.

- SOUTH REGIONAL COURTHOUSE (SRCH):** A satellite courthouse facility located at 3550 Hollywood Blvd. in Hollywood.
- SPECIAL ASSESSMENT:** 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.
- TRANSFER:** The movement of cash or other resources between funds.
- TRANSPORTATION CONSTRUCTION REVENUES:** 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.
- USER CHARGES:** The payment of a fee for direct receipt of a public service by the person benefiting from the service.
- WATER AND WASTERWATER SERVICES (WWS):** 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.
- WEST REGIONAL COURTHOUSE (WRCH):** 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 FY18. No additional funds are in the FY18-22 capital program for these projects.

<b>GENERAL CAPITAL</b>			
<b>Project Name</b>	<b>Expenses Through FY16</b>	<b>FY17 Modified Budget</b>	<b>Total Estimated Project Cost</b>
Public Safety Radio Replacement	155,678	48,733,240	48,888,918
500 Car Courthouse Garage	950	14,900,000	14,900,950
BARC Central Replacement Facility	5,143,385	20,166,349	25,309,734
Animal Care Replacement Facility and Land	18,108,275	14,763,186	32,871,461
Supervisor of Elections New Facility	365,294	15,785,821	16,151,115
64th Street Warehouse	368,254	7,122,617	7,490,871
Midrise Full Building Renovation (GCO portion)	2,961,046	5,463,388	8,424,434

<b>OTHER FUNDS - Transit Capital</b>			
<b>Project Name</b>	<b>Expenses Through FY16</b>	<b>FY17 Modified Budget</b>	<b>Total Estimated Project Cost</b>
Wave Modern Street Car	3,630,545	10,430,544	14,061,089

<b>TRANSPORTATION CAPITAL</b>			
<b>Project Name</b>	<b>Expenses Through FY16</b>	<b>FY17 Modified Budget</b>	<b>Total Estimated Project Cost</b>
Pine Island Road; Nova to I-595	1,122,179	8,753,135	9,875,314
Hiatus Road; Sunrise to Oakland Park	9,493,594	5,303,414	14,797,008
Wiles Road; Rock Island to SR7	1,513,768	12,232,713	13,746,481

<b>ENTERPRISE CAPITAL - Port Everglades Capital</b>			
<b>Project Name</b>	<b>Expenses Through FY16</b>	<b>FY17 Modified Budget</b>	<b>Total Estimated Project Cost</b>
Port Neo-Bulk Storage Area	0	7,700,000	7,700,000
Terminal 18 Meg and Tunnel Modifications	1,536,021	9,880,564	11,416,585
New Bulkheads at Berths 9 & 10	142,922	83,849,463	83,992,385
Slip 2 Westward Lengthening	1,579,325	21,046,035	22,625,360
FPL Substation	0	17,564,000	17,564,000

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

<b>ENTERPRISE CAPITAL - Water and Wastewater Capital</b>			
<b>Project Name</b>	<b>Expenses Through FY16</b>	<b>FY17 Modified Budget</b>	<b>Total Estimated Project Cost</b>
NRWWTP Fine Bubble Converter	1,407,909	25,985,020	27,392,929
NRWWTP Steel Structure Repair	1,928,110	14,891,229	16,819,339
High Service Pump Station Replacement	403,053	10,456,474	10,859,527
Cap-3A Potable Water Storage	525,390	8,092,129	8,617,519
1A WTP Expansion	5,046,073	6,725,097	11,771,170
UAZ 362 & 363 Water Main Replacement	176,340	6,677,203	6,853,543
Retail Facilities Security System	8,732	6,182,808	6,191,540
NRWWTP Load Center and MCC	927,314	5,673,493	6,600,807
Regional Master Meter Improvements	586,574	5,385,787	5,972,361
Replace Wastewater SCADA	1,019,352	5,249,912	6,269,264

<b>ENTERPRISE CAPITAL - Aviation Capital</b>			
<b>Project Name</b>	<b>Expenses Through FY16</b>	<b>FY17 Remaining Budget</b>	<b>Total Estimated Project Cost</b>
Consolidated Ground Trans. Facility	14,281	6,437,079	6,451,360
New FLL Security Facility	270,486	13,514,514	13,785,000
Terminal Roadway/Multi-Use Pat	451,233	9,548,767	10,000,000
Concourse A Building	69,533,222	130,466,774	199,999,996
Land Acquisition	0	5,000,000	5,000,000
FLL Utilities Upgrade	17,096,320	16,503,680	33,600,000
Terminal Modifications	120,304,531	379,695,469	500,000,000
AIMS Phase II	771,643	12,228,357	13,000,000
Campus Wayfinding Plan	894,948	5,116,103	6,011,050
Av-Aep3-Taxiway C Improvement East	6,618,188	5,043,127	11,661,315
Noise Mitigation Program	51,689,146	123,310,854	175,000,000
Rehabilitation of N. Runway 10	664,056	71,335,944	72,000,000
Runway	807,703,538	18,327,472	826,031,010

## **TRANSPORTATION CAPITAL PROGRAM**

The transportation capital program for fiscal year 2018 through fiscal year 2022 consists of a variety of transportation construction and maintenance capital projects primarily funded by state and local gas taxes and payments from other government agencies.

This section is organized in the following manner:

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Road Projects Map	1-6
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Maintenance and Improvement Projects Description	1-10
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Capital Program Support Description	1-15
Reserves and Transfers Description	1-17
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**TRANSPORTATION CAPITAL PROGRAM**

	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>
<b>REVENUES</b>					
80% Constitutional Gas Tax	12,300,000	12,300,000	12,300,000	12,300,000	12,300,000
20% Constitutional Gas Tax	3,100,000	3,100,000	3,100,000	3,100,000	3,100,000
Original Local Option Gas Tax	33,190,000	33,522,000	33,522,000	33,522,000	33,522,000
1994 Local Option Gas Tax	11,640,000	11,756,000	11,756,000	11,756,000	11,756,000
1998 Local Option Gas Tax	7,970,000	8,050,000	8,050,000	8,050,000	8,050,000
2000 Local Option Gas Tax	5,900,000	5,959,000	5,959,000	5,959,000	5,959,000
Ninth Cent Gas Tax	9,550,000	9,646,000	9,646,000	9,646,000	9,646,000
Interest Earnings	800,000	776,700	754,080	732,120	710,800
Transportation Concurrency Fees	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000
Less 5%	(4,372,500)	(4,405,490)	(4,404,350)	(4,403,260)	(4,402,190)
State Grants	0	1,075,000	5,250,000	450,000	0
Pembroke Rd., Dykes to Silver Shore State and City Reimbursements	1,770,000	0	0	0	0
Fund Balance	48,800,000	33,293,900	24,254,640	15,990,300	14,155,040
Impact Fee Interest/Fund Balance	25,000	25,000	25,000	25,000	25,000
Transportation Concurrency Fund Balance	21,000,000	0	0	0	0
<b>TOTAL REVENUES</b>	<b><u>\$154,672,500</u></b>	<b><u>\$118,098,110</u></b>	<b><u>\$113,212,370</u></b>	<b><u>\$100,127,160</u></b>	<b><u>\$97,821,650</u></b>

**APPROPRIATIONS**

**Road Projects**

Davie Rd. Extension, Stirling to University	820,000	0	0	0	0
Wiles Rd., Riverside to Rock Island	400,000	0	0	0	0
Wiles Rd., University to Riverside	0	2,000,000	11,300,000	0	0
Pembroke Rd., Dykes to Silver Shore	1,770,000	0	0	0	0
Loxahatchee Road, Parkside Dr. to Wildlife Refuge	3,765,000	0	0	0	0
Sheridan Street and Dykes Road	0	2,240,000	0	0	0
Andrews Ave. and Oakland Park Blvd. Intersection Improvements	80,000	965,000	0	0	0
Copans Rd. and Lyons Rd, Intersection Improvements	200,000	1,550,000	0	0	0
Oakland Park Blvd. and Nob Hill Rd. Intersection Improvements	200,000	1,550,000	0	0	0
University Dr. and Sheridan St. Intersection Improvements	0	150,000	0	960,000	0
Miramar Parkway Streetscape	198,000	0	0	0	0
Reserve for Pine Island Road, Nova Dr. to Griffin Rd.	0	0	0	0	13,250,000
Federal Grant Projects, County Share	2,026,500	0	0	0	0
<b>Subtotal Road Projects</b>	<b><u>9,459,500</u></b>	<b><u>8,455,000</u></b>	<b><u>11,300,000</u></b>	<b><u>960,000</u></b>	<b><u>13,250,000</u></b>

**TRANSPORTATION CAPITAL PROGRAM**

	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>
<b><u>Maintenance and Improvement Projects</u></b>					
Road Maintenance	305,000	305,000	305,000	305,000	305,000
Road Improvements	400,000	400,000	400,000	400,000	400,000
Railroad Crossings	565,000	150,000	150,000	150,000	150,000
Guardrail Repair	400,000	400,000	400,000	400,000	400,000
Resurfacing	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Sidewalks/ADA	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
Bridge Maintenance Program	1,415,000	1,415,000	1,415,000	1,415,000	1,415,000
Roadway Stormwater Maintenance	2,240,000	2,240,000	2,240,000	2,240,000	2,240,000
ADA Ramp Improvement on Resurfacing Projects and Existing Roadways	1,200,000	0	0	0	0
Bike Lane Construction	500,000	500,000	500,000	500,000	500,000
Andrews Avenue Bascule Bridge Rehabilitation	2,357,630	0	0	0	0
Highway and Bridge Maintenance Facility Renovation	100,000	0	0	0	0
N. Pine Island Rd. and 81st St, Roadway and Safety Improvements	1,200,000	0	0	0	0
<b>Subtotal Maintenance and Improvement Projects</b>	<b><u>13,082,630</u></b>	<b><u>7,810,000</u></b>	<b><u>7,810,000</u></b>	<b><u>7,810,000</u></b>	<b><u>7,810,000</u></b>
<b><u>Traffic Engineering Projects</u></b>					
Traffic Control Devices & Equipment	4,400,000	4,620,000	4,851,000	5,094,000	5,349,000
School Zone & Pedestrian Safety Improvements	300,000	300,000	300,000	200,000	200,000
Signalization Engineering Improvements	2,700,000	2,700,000	2,700,000	2,700,000	2,700,000
Mast Arms	2,975,000	2,975,000	2,975,000	2,975,000	2,975,000
Communication System Maintenance & Enhancement	400,000	400,000	400,000	400,000	400,000
Street Lighting Infrastructure Repairs	100,000	50,000	50,000	50,000	50,000
Sign Retro-Reflectivity Upgrades	100,000	100,000	70,000	0	0
Traffic Control Cabinet Security System	150,000	0	0	0	0
<b>Subtotal Traffic Engineering Projects</b>	<b><u>11,125,000</u></b>	<b><u>11,145,000</u></b>	<b><u>11,346,000</u></b>	<b><u>11,419,000</u></b>	<b><u>11,674,000</u></b>



**TRANSPORTATION CAPITAL PROGRAM**

	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>
<b><u>Capital Program Support</u></b>					
Special Purpose Equipment Traffic Engineering	805,000	891,000	1,303,000	726,000	335,000
Special Purpose Equipment Highway Bridge Maintenance	1,220,000	280,000	200,600	200,610	200,610
Capital Cost Allocation	621,700	621,700	621,700	621,700	621,700
Capital Project Highway Construction & Engineering Support	1,623,830	1,623,830	1,623,830	1,217,870	913,400
Capital Project Highway Bridge Maintenance Support	161,510	161,510	161,510	161,510	161,510
Capital Project Traffic Engineering Support	1,334,430	1,334,430	1,334,430	1,334,430	1,334,430
<b>Subtotal Capital Program Support</b>	<b><u>5,766,470</u></b>	<b><u>4,912,470</u></b>	<b><u>5,245,070</u></b>	<b><u>4,262,120</u></b>	<b><u>3,566,650</u></b>
<b><u>Reserves and Transfers</u></b>					
Reserve for Contingencies	500,000	500,000	500,000	500,000	500,000
Reserve for Committed Projects	33,293,900	24,254,640	15,990,300	14,155,040	0
Transfer to Transit Operations	57,570,000	58,146,000	58,146,000	58,146,000	58,146,000
Transfer to the General Fund for Impact Fee Administration	25,000	25,000	25,000	25,000	25,000
Transfer to the General Fund for Concurrency Program Administration	80,000	0	0	0	0
Transfer to Transit Capital Fund for Concurrency Projects	10,000,000	0	0	0	0
Transportation Concurrency Reserve for Projects	13,770,000	2,850,000	2,850,000	2,850,000	2,850,000
<b>Subtotal Reserves and Transfers</b>	<b><u>115,238,900</u></b>	<b><u>85,775,640</u></b>	<b><u>77,511,300</u></b>	<b><u>75,676,040</u></b>	<b><u>61,521,000</u></b>
<b>TOTAL APPROPRIATIONS</b>	<b><u>\$154,672,500</u></b>	<b><u>\$118,098,110</u></b>	<b><u>\$113,212,370</u></b>	<b><u>\$100,127,160</u></b>	<b><u>\$97,821,650</u></b>

**CURRENT ROAD EXPANSION PROJECTS**

<u>Road Project</u>	<u>Existing Lanes</u>	<u>Proposed Lanes</u>	<u>Segment Length (miles)</u>	<u>Fiscal Year of Initial Construction</u>
Pine Island Rd., I-595 to Nova Dr.*	4L	6L	1.0	16
Wiles Rd., State Rd. 7 to Rock Island*	4L	6L	1.1	16
Ravenswood, Griffin Rd. to Stirling Rd.*	2L	2L	1.0	17
Davie Rd. Ext./Stirling Rd. to University Dr.*	2L	2L	1.5	18
Wiles Rd., Riverside to Rock Island*	4L	6L	1.0	17
Wiles Rd., University to Riverside*	4L	6L	1.0	20
Pembroke Rd., Dykes to Silver Shore*	2L	4L	1.0	18
Loxahatchee Rd., Parkside Dr. to Lox Wildlife Refuge	2L	2L	6.2	19

\*All or partially funded in past years.

# Broward County Capital Road Projects\*

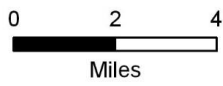
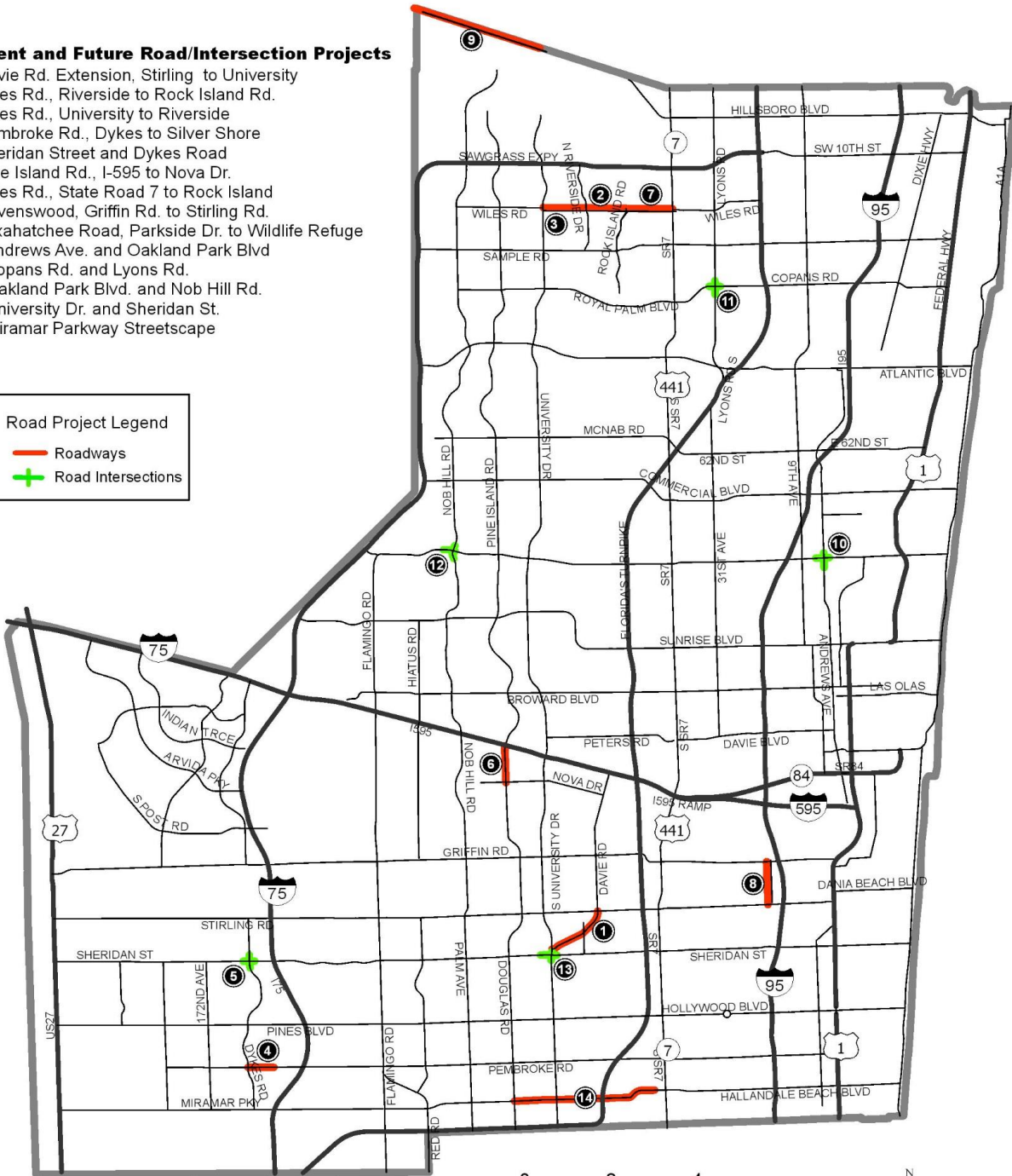
**Current and Future Road/Intersection Projects**

1. Davie Rd. Extension, Stirling to University
2. Wiles Rd., Riverside to Rock Island Rd.
3. Wiles Rd., University to Riverside
4. Pembroke Rd., Dykes to Silver Shore
5. Sheridan Street and Dykes Road
6. Pine Island Rd., I-595 to Nova Dr.
7. Wiles Rd., State Road 7 to Rock Island
8. Ravenswood, Griffin Rd. to Stirling Rd.
9. Loxahatchee Road, Parkside Dr. to Wildlife Refuge
10. Andrews Ave. and Oakland Park Blvd
11. Copans Rd. and Lyons Rd.
12. Oakland Park Blvd. and Nob Hill Rd.
13. University Dr. and Sheridan St.
14. Miramar Parkway Streetscape

**Road Project Legend**

— Roadways

+ Road Intersections



Prepared By:  
BC GIS  
May 2017 #13988



\*Includes projects constructed jointly with other government agencies. Please refer to page 1-2 for project listing.

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**  
Transportation

**PROJECT**  
Road Projects

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Davie Rd. Extension, Stirling to University	79,318	3,767,180	0	---	820,000	18	0	---	4,666,498
Wiles Rd., Riverside to Rock Island	974,066	11,718,364	0	---	400,000	18	0	---	13,092,430
Wiles Rd., University to Riverside	0	1,200,000	0	---	13,300,000	MY	0	---	14,500,000
Pembroke Rd., Dykes to Silver Shore	219,123	8,581,854	0	---	1,770,000	18	0	---	10,570,977
Loxahatchee Road, Parkside Dr. to Wildlife Refuge	0	0	0	---	3,765,000	18	0	---	3,765,000
Sheridan Street and Dykes Road	0	120,000	0	---	2,240,000	19	0	---	2,360,000
Andrews Ave. and Oakland Park Blvd. Intersection Improvements	0	0	80,000	18	965,000	19	0	---	1,045,000
Copans Rd. and Lyons Rd, Intersection Improvements	0	0	200,000	18	1,550,000	19	0	---	1,750,000
Oakland Park Blvd. and Nob Hill Rd. Intersection Improvements	0	0	200,000	18	1,550,000	19	0	---	1,750,000
University Dr. and Sheridan St. Intersection Improvements	0	0	150,000	19	960,000	21	0	---	1,110,000
Miramar Parkway Streetscape	0	0	0	---	198,000	18	0	---	198,000
Reserve for Pine Island Road, Nova Dr. to Griffin Rd.	N/A	N/A	2,050,000	22	11,200,000	22	0	---	13,250,000
Federal Grant Projects, County Share	N/A	N/A	0	---	2,026,500	18	0	---	2,026,500

<b>Project Comments</b>
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- The program includes funding to improve county road segments that currently are, or are projected to be, operating at an unacceptable level of service in accordance with standards set within the adopted comprehensive plan transportation element.
- The Florida Department of Transportation (FDOT) has awarded Broward County three County Incentive Grants. FDOT funding will be provided in FY19 and FY20 for the Wiles Road (University to Riverside) project in the amount of \$6.325 million. In FY21, funding will be provided in the amount of \$450,000 for the University Drive and Sheridan Street Intersection Improvement project. FDOT funding will also be provided in FY18 for the Pembroke Road project in the amount of \$885,000. The remaining project cost for the Pembroke Road project is budgeted as a reimbursement from the City of Miramar and the City of Pembroke Pines in the amount of \$885,000. This project is 100% funded by the State and Cities with the County contributing in-house project management.
- In FY18, additional funding of \$820,000 is budgeted for the Davie Road Extension project. Additional funding of \$400,000 is budgeted for Wiles Road, Riverside to Rock Island.
- Sheridan Street and Dykes Road construction of \$2,240,000 is budgeted in FY19. This project includes intersection improvements and complete streets elements.
- In FY18, funding in the amount of \$3,765,000 is budgeted for the County's cost share of the construction portion of the Loxahatchee Road, Parkside Dr. to Wildlife Refuge project. The Florida Department of Transportation is also contributing an \$11.5m grant to the project for design and the construction of the County road portion of the project. The County is completing the survey portion for the entire project using in-house staff and FDOT is managing the project.
- In years FY18-21, funding is provide for intersection improvements at Andrews Avenue and Oakland Park Boulevard; Copans Road and Lyons Road; Oakland Park Boulevard and Nob Hill Road; and University Drive and Sheridan Street which is eligible for partial FDOT reimbursement through a County Incentive Grant. These intersection improvement projects will make modifications to turn lanes, bicycle lanes, mast arms, sidewalks and ADA improvements in order to improve traffic flow and safety.
- In FY18, funding in the amount of \$198,000 is budgeted for the County's cost share of improvements to Miramar Parkway between SW 68th Avenue and SW 64th Avenue. City of Miramar received a \$960,479 grant from FDOT for construction of the project.
- In years FY18-22, funds are accumulated and reserved for the County's cost share for a future road project on Pine Island Road, from Nova Drive to Griffin Road. Design is anticipated to begin in FY21 and construction in FY23.
- In FY18, funding is provided as the County's cost share for two Transportation Investment Generating Economic Recovery (TIGER) grant projects on NW 31st Avenue between McNab Road and Commercial Boulevard (\$1,029,500); and Riverland Road/SW 27th Avenue from State Road 7 to Broward Boulevard (\$997,000). The completion of these projects provides bike lanes to enhance Broward County's regional Complete Streets network.
- Funding is provided in FY18, for integrated Public Art, for the following road projects:
  - Davie Rd. Extension, Stirling to University: \$33,000

**BROWARD COUNTY CAPITAL BUDGET**

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**Funding Schedule**

<b><u>Funding Sources</u></b>	<b><u>FY18</u></b>	<b><u>FY19</u></b>	<b><u>FY20</u></b>	<b><u>FY21</u></b>	<b><u>FY22</u></b>	<b><u>TOTAL</u></b>
Transportation Construction Revenues	7,689,500	7,380,000	6,050,000	510,000	13,250,000	34,879,500
State Grants	0	1,075,000	5,250,000	450,000	0	6,775,000
City Reimbursements	1,770,000	0	0	0	0	1,770,000
<b>TOTAL</b>	<b>9,459,500</b>	<b>8,455,000</b>	<b>11,300,000</b>	<b>960,000</b>	<b>13,250,000</b>	<b>43,424,500</b>
<b><u>Funding Requirements</u></b>						
Design	480,000	150,000	0	0	0	630,000
Construction	8,979,500	8,305,000	11,300,000	960,000	0	29,544,500
Reserve for Pine Island Road, Nova Dr. to Griffin Rd.	0	0	0	0	13,250,000	13,250,000
<b>TOTAL</b>	<b>9,459,500</b>	<b>8,455,000</b>	<b>11,300,000</b>	<b>960,000</b>	<b>13,250,000</b>	<b>43,424,500</b>

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**  
Transportation

**PROJECT**  
Maintenance and Improvement Projects

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Road Maintenance	N/A	613,507	0	--	1,525,000	MY	0	--	2,138,507
Road Improvements	N/A	1,036,726	0	--	2,000,000	MY	0	--	3,036,726
Railroad Crossings	N/A	740,567	0	--	1,165,000	MY	0	--	1,905,567
Guardrail Repair	N/A	1,024,585	0	--	2,000,000	MY	0	--	3,024,585
Resurfacing	N/A	2,538,425	0	--	6,000,000	MY	0	--	8,538,425
Sidewalks/ADA	N/A	2,922,425	0	--	6,000,000	MY	0	--	8,922,425
Bridge Maintenance Program	N/A	2,866,201	0	--	7,075,000	MY	0	--	9,941,201
Roadway Stormwater Maintenance	N/A	4,401,701	0	--	11,200,000	MY	0	--	15,601,701
ADA Ramp Improvement on Resurfacing Projects and Existing Roadways	5,791,329	2,559,709	0	--	1,200,000	MY	0	--	9,551,038
Bike Lane Construction	0	900,000	0	--	2,500,000	MY	0	--	3,400,000
Andrews Avenue Bascule Bridge Rehabilitation	817,649	6,451,344	0	--	2,357,630	18	0	--	9,626,623
Highway and Bridge Maintenance Facility Renovation	0	1,114,100	0	--	100,000	18	0	--	1,214,100
N. Pine Island Rd. and 81st St, Roadway and Safety Improvements	0	0	0	--	1,200,000	18	0	--	1,200,000

**Project Comments**

- Funds are provided for resurfacing, road maintenance, road improvements, and other miscellaneous improvements on County classified roadways.
- Funds are provided for maintaining County railroad crossings per cost sharing agreements for the western and eastern rail corridors. The program includes annual recurring maintenance and one time rehabilitations.
- An annual appropriation is provided to enhance ongoing efforts to assess, repair, and replace guardrails on County roadways.
- Ongoing funding is provided to install sidewalks to better serve pedestrians and to comply with Americans with Disabilities Act (ADA) requirements.
- The bridge maintenance program provides for continual maintenance on the County's 92 bridges to ensure safety compliance.
- The Roadway Stormwater Maintenance program involves the inspection of storm sewers using video cameras to evaluate the condition of drainage infrastructure and subsequently repair or replace the infrastructure, based on the results of the evaluation.
- The ADA ramp improvement project will improve curb ramps that are adjacent to road resurfacing projects to better serve pedestrians and to comply with Americans with Disabilities Act (ADA) requirements.
- During FY18-22, funds are provided for the installation of bike lanes on the shoulders of various county roads to promote safety for cyclists and motorists.
- The Andrews Avenue bascule bridge rehabilitation project involves replacing both the electrical and mechanical system due to the age of the equipment. Additional funding is provided in FY18 for an upgrade to the hydraulic system and noise reduction of the wheel path. The bridge was built in 1983, and the typical life cycle for a bascule bridge is 15 to 20 years. The construction phase of this project is scheduled to begin in December of 2017.
- In FY18, additional funds are provided for the expansion of the Highway and Bridge Maintenance Facility to accommodate positions in this Division that transitioned into the project management role for additional capital projects.
- In FY18, funding is provided for safety improvements and road superelevation correction on North Pine Island Road and NW 81st Street in Tamarac.
- Funding is provided in FY18, for integrated Public Art, for the following bridge projects:
  - ▶ Andrews Avenue Bascule Bridge Rehabilitation : \$185,330



**BROWARD COUNTY CAPITAL BUDGET****Funding Schedule**

<b><u>Funding Sources</u></b>	<b><u>FY18</u></b>	<b><u>FY19</u></b>	<b><u>FY20</u></b>	<b><u>FY21</u></b>	<b><u>FY22</u></b>	<b><u>TOTAL</u></b>
Transportation Construction Revenues	13,082,630	7,810,000	7,810,000	7,810,000	7,810,000	44,322,630
<b>TOTAL</b>	13,082,630	7,810,000	7,810,000	7,810,000	7,810,000	44,322,630
<b><u>Funding Requirements</u></b>						
Road Maintenance	305,000	305,000	305,000	305,000	305,000	1,525,000
Road Improvements	400,000	400,000	400,000	400,000	400,000	2,000,000
Railroad Crossings	565,000	150,000	150,000	150,000	150,000	1,165,000
Guardrail Repair	400,000	400,000	400,000	400,000	400,000	2,000,000
Resurfacing	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	6,000,000
Sidewalks/ADA	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	6,000,000
Bridge Maintenance Program	1,415,000	1,415,000	1,415,000	1,415,000	1,415,000	7,075,000
Roadway Stormwater Maintenance	2,240,000	2,240,000	2,240,000	2,240,000	2,240,000	11,200,000
ADA Ramp Improvement on Resurfacing Projects and Existing Roadways	1,200,000	0	0	0	0	1,200,000
Bike Lane Construction	500,000	500,000	500,000	500,000	500,000	2,500,000
Andrews Avenue Bascule Bridge Rehabilitation	2,357,630	0	0	0	0	2,357,630
Highway and Bridge Maintenance Facility Renovation	100,000	0	0	0	0	100,000
N. Pine Island Rd. and 81st St. Roadway and Safety Improvements	1,200,000	0	0	0	0	1,200,000
<b>TOTAL</b>	13,082,630	7,810,000	7,810,000	7,810,000	7,810,000	44,322,630

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**  
Transportation

**PROJECT**  
Traffic Engineering Projects

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Traffic Control Devices & Equipment	N/A	4,890,016	0	--	24,314,000	MY	0	--	29,204,016
School Zone & Pedestrian Safety Improvements	1,788,078	5,180,473	0	--	1,300,000	MY	0	--	8,268,551
Signalization Engineering Improvements	6,000,332	8,911,884	0	--	13,500,000	MY	0	--	28,412,216
Mast Arms	27,837,101	12,169,036	0	--	14,875,000	MY	0	--	54,881,137
Communication System Maintenance & Enhancement	1,535,201	563,802	0	--	2,000,000	MY	0	--	4,099,003
Street Lighting Infrastructure Repairs	118,337	706,664	0	--	300,000	MY	0	--	1,125,001
Sign Retro-Reflectivity Upgrades	87,500	212,500	0	--	270,000	MY	0	--	570,000
Traffic Control Cabinet Security System	0	750,000	0	--	0	--	150,000	18	900,000

**Project Comments**

- The Traffic Control Devices and Equipment program includes on-going funds for materials, traffic signals, traffic signs, street lights, video cameras and pavement markings. The funding not only provides for the on-going maintenance of signs, signal equipment, and road striping on existing roads, but also provides for the installation of traffic control devices along new roads. The goal of this program is to implement effective traffic control devices to reduce traffic congestion.
- The School Zone & Pedestrian Safety Improvements program will repair and upgrade the County's infrastructure. Planned infrastructure improvement projects include construction of overhead mast-arm school flashers; installation of numeric pedestrian countdown traffic signal timers; conversion of non-flashing school signs to flashing beacons; relocation of existing school zone beacons to match new start-and-end limits of the roadway 15-mph speed zone; restoration of aging school zone pedestrian and bicycle pavement marking and signage; construction of pedestrian and bicycle connectors; and implementation of solar-powered school flasher devices.
- The Signalization Engineering Improvements (SEI) project is the deployment of advanced technologies to optimize traffic flow, improve transit schedules, and reduce congestion. The project includes the upgrade 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 the upgrade of pertinent field controllers and devices to improve signal coordination and traffic flow throughout the County.
- The Mast Arms program converts signalized intersections from span wire to mast arms primarily to minimize the impact of wind storm events.

**BROWARD COUNTY CAPITAL BUDGET**

- The Communication System Maintenance and Enhancements program installs communication infrastructure and supporting electronic equipment to support in-house communication enhancements to the existing traffic communication network. The project includes replacement of switches, routers, and cables to maintain and enhance the existing copper wire-based communication network.
- The Street Lighting project will repair and upgrade the County's street lighting infrastructure to increase system reliability, reduce light outages and increase safety for motorists, pedestrians and bicyclists using the roadway right-of-way.
- The Sign Retro-Reflectivity Upgrade program facilitates the implementation of mandates established by the Federal Highway Administration requiring all traffic maintaining agencies (such as Broward County) to establish a management program, which assures the safe reflectivity levels of traffic control signs. The funding associated with this project supports the purchase of reflectivity measuring equipment, sheeting materials, specialized installation equipment, and the service-related costs for construction/installation of the upgraded signs.
- Additional funding is provided in FY18 for the conversion of existing traffic signal cabinet mechanical locks to electronically accessible locking systems to better control access to County-maintained traffic signal cabinets.

**Funding Schedule**

<b>Funding Sources</b>	<b>FY18</b>	<b>FY19</b>	<b>FY20</b>	<b>FY21</b>	<b>FY22</b>	<b>TOTAL</b>
Transportation Construction Revenues	11,125,000	11,145,000	11,346,000	11,419,000	11,674,000	56,709,000
<b>TOTAL</b>	11,125,000	11,145,000	11,346,000	11,419,000	11,674,000	56,709,000

**Funding Requirements**

Traffic Control Devices & Equipment	4,400,000	4,620,000	4,851,000	5,094,000	5,349,000	24,314,000
School Zone & Pedestrian Safety Improvements	300,000	300,000	300,000	200,000	200,000	1,300,000
Signalization Engineering Improvements	2,700,000	2,700,000	2,700,000	2,700,000	2,700,000	13,500,000
Mast Arms	2,975,000	2,975,000	2,975,000	2,975,000	2,975,000	14,875,000
Communication System Maintenance & Enhancement	400,000	400,000	400,000	400,000	400,000	2,000,000
Street Lighting Infrastructure Repairs	100,000	50,000	50,000	50,000	50,000	300,000
Sign Retro-Reflectivity Upgrades	100,000	100,000	70,000	0	0	270,000
Traffic Control Cabinet Security System	150,000	0	0	0	0	150,000
<b>TOTAL</b>	11,125,000	11,145,000	11,346,000	11,419,000	11,674,000	56,709,000

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

Transportation

**PROJECT**

Capital Program Support

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Special Purpose Equipment Traffic Engineering	N/A	N/A	0	--	0	--	4,060,000	MY	4,060,000
Special Purpose Equipment Highway Bridge Maintenance	N/A	N/A	0	--	0	--	2,101,820	MY	2,101,820
Capital Cost Allocation	N/A	N/A	0	--	0	--	3,108,500	MY	3,108,500
Capital Project Highway Construction & Engineering Support	N/A	N/A	0	--	0	--	7,002,760	MY	7,002,760
Capital Project Highway Bridge Maintenance Support	N/A	N/A	0	--	0	--	807,550	MY	807,550
Capital Project Traffic Engineering Support	N/A	N/A	0	--	0	--	6,672,150	MY	6,672,150

**Project Comments**

- Replacement of special purpose equipment is associated with maintenance and construction projects, and traffic engineering operations.
- Other support costs include a cost allocation to reimburse the General Fund for direct and indirect costs incurred by central service agencies, direct and indirect costs incurred by other agencies, and costs for related tasks which support the transportation capital program.
- In FY18, there are 14 positions funded for Highway Construction & Engineering support for capital projects. Annual funding is provided to support four positions for construction management and a ten position project management team to oversee the capital project program. This team is reviewed annually and adjusted as appropriate based on workload. The inspection team's efforts result in reduced inspection and design costs.
- There is one position funded for Highway Bridge Maintenance to support the bridge maintenance program.
- Annual funding is provided to support 14 positions in Traffic Engineering for work on the Mast Arms, Signalization Engineering Improvements, and Video Detection programs.

**BROWARD COUNTY CAPITAL BUDGET**

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**Funding Schedule**

<b><u>Funding Sources</u></b>	<b><u>FY18</u></b>	<b><u>FY19</u></b>	<b><u>FY20</u></b>	<b><u>FY21</u></b>	<b><u>FY22</u></b>	<b><u>TOTAL</u></b>
Transportation Construction Revenues	5,766,470	4,912,470	5,245,070	4,262,120	3,566,650	23,752,780
<b>TOTAL</b>	5,766,470	4,912,470	5,245,070	4,262,120	3,566,650	23,752,780
<b><u>Funding Requirements</u></b>						
Special Purpose Equipment Traffic Engineering	805,000	891,000	1,303,000	726,000	335,000	4,060,000
Special Purpose Equipment Highway Bridge Maintenance	1,220,000	280,000	200,600	200,610	200,610	2,101,820
Capital Cost Allocation	621,700	621,700	621,700	621,700	621,700	3,108,500
Highway Construction & Engineering Support	1,623,830	1,623,830	1,623,830	1,217,870	913,400	7,002,760
Highway Bridge Maintenance Support	161,510	161,510	161,510	161,510	161,510	807,550
Traffic Engineering Support	1,334,430	1,334,430	1,334,430	1,334,430	1,334,430	6,672,150
<b>TOTAL</b>	5,766,470	4,912,470	5,245,070	4,262,120	3,566,650	23,752,780

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

Transportation

**PROJECT**

Reserves & Transfers

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Reserve for Contingencies	N/A	N/A	0	--	0	--	2,500,000	MY	2,500,000
Reserve for Committed Projects	N/A	N/A	0	--	0	--	87,693,880	MY	87,693,880
Transfer to Transit Operations	N/A	N/A	0	--	0	--	290,154,000	MY	290,154,000
Transfer to the General Fund for Impact Fee Administration	N/A	N/A	0	--	0	--	125,000	MY	125,000
Transfer to the General Fund for Concurrency Administration	N/A	N/A	0	--	0	--	80,000	18	80,000
Transfer to Transit Capital Fund for Concurrency Projects	N/A	N/A	0	--	0	--	10,000,000	MY	10,000,000
Transportation Concurrency Reserve for Future Capital Projects	N/A	N/A	0	--	0	--	25,170,000	MY	25,170,000

**Project Comments**

- Reserves are established each year for contingencies and to carry over funds for committed projects into future fiscal years. The \$33.3 million reserve for committed projects is spent down over the life of the five year program.
- The transfers to the general fund support the staff in the Planning and Development Management Division responsible for administering the impact fee and concurrency programs.
- The Transportation Concurrency program provides for new development to pay a "fair share" contribution toward specific Transportation Capital Projects.
- Transfers of Transportation Concurrency Fees to the Transit Capital Fund to match federal grant funding for the purchase of new and replacement buses.
- Transportation Concurrency reserves are budgeted in FY18-22 for future planned transportation projects.
- From FY18-22, approximately \$290 million is programmed to transfer to the Transit Operations Fund to support public transportation system operations and maintenance.

**BROWARD COUNTY CAPITAL BUDGET****Funding Schedule**

<b><u>Funding Sources</u></b>	<b><u>FY18</u></b>	<b><u>FY19</u></b>	<b><u>FY20</u></b>	<b><u>FY21</u></b>	<b><u>FY22</u></b>	<b><u>TOTAL</u></b>
Transportation Construction Revenues	91,363,900	82,900,640	74,636,300	72,801,040	58,646,000	380,347,880
Transportation Concurrency Fees	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	15,000,000
Less 5%	(150,000)	(150,000)	(150,000)	(150,000)	(150,000)	(750,000)
Impact Fee Interest/Fund Balance	25,000	25,000	25,000	25,000	25,000	125,000
Transportation Concurrency Fund Balance	21,000,000	0	0	0	0	21,000,000
<b>TOTAL</b>	<b>115,238,900</b>	<b>85,775,640</b>	<b>77,511,300</b>	<b>75,676,040</b>	<b>61,521,000</b>	<b>415,722,880</b>
<b><u>Funding Requirements</u></b>						
Reserve for Contingencies	500,000	500,000	500,000	500,000	500,000	2,500,000
Reserve for Committed Projects	33,293,900	24,254,640	15,990,300	14,155,040	0	87,693,880
Transfer to Transit Operations	57,570,000	58,146,000	58,146,000	58,146,000	58,146,000	290,154,000
Transfer to the General Fund for Impact Fee Administration	25,000	25,000	25,000	25,000	25,000	125,000
Transfer to the General Fund for Concurrency Administration	80,000	0	0	0	0	80,000
Transfer to Transit Capital Fund for Concurrency Projects	10,000,000	0	0	0	0	10,000,000
Transportation Concurrency Reserve for Future Capital Projects	13,770,000	2,850,000	2,850,000	2,850,000	2,850,000	25,170,000
<b>TOTAL</b>	<b>115,238,900</b>	<b>85,775,640</b>	<b>77,511,300</b>	<b>75,676,040</b>	<b>61,521,000</b>	<b>415,722,880</b>

**TRANSPORTATION CAPITAL**  
**PROGRAM APPENDIX**

Fund Summary

Fund Detail



**TRANSPORTATION CAPITAL PROGRAM APPENDIX**

**FUND SUMMARY**

The funding for the Transportation Construction Program involves several funds and numerous transfers between funds. Most transportation revenues, such as the constitutional gas tax and local option gas taxes, flow through the County Transportation Trust Funds and are then transferred to other funds. In most cases, these revenues are transferred to the capital outlay funds including the Streets & Highways Capital Outlay Fund, the Engineering Capital Outlay Fund, and the Constitutional Gas Tax Capital Outlay Fund. The exception to this rule are funds transferred directly to the Mass Transit Operating and Capital Funds and to various other funds to pay for the cost of implementing the construction program.

The Transportation Construction Program for fiscal year 2018 is summarized below as follows:

<b>County Transportation Trust Fund</b>	109,442,500
Less Transfers Internal to the Capital Program	(27,997,500)
Less Transfers External to the Capital Program	(67,675,000)
<b>TOTAL</b>	<b>\$13,770,000</b>
<b>Capital Outlay Fund</b>	
Streets & Highways Capital Outlay	5,985,000
Engineering Capital Outlay	24,657,500
Constitutional Gas Tax Capital Outlay	42,585,000
<b>TOTAL</b>	<b>\$73,227,500</b>

COUNTY TRANSPORTATION TRUST FUND

Constitutional Gas Taxes (11510)

<b>REVENUES</b>	<b><u>FY18</u></b>
80% Portion Constitutional Gas Tax	12,300,000
20% Portion Constitutional Gas Tax	3,100,000
Less 5%	(770,000)
Fund Balance	800,000
<b>TOTAL</b>	<b>\$15,430,000</b>
 <b>APPROPRIATIONS</b>	
Transfer to Constitutional Gas Tax Projects (30115)	9,945,000
Transfer to Streets & Highways Capital Outlay Fund (30105)	5,485,000
<b>TOTAL</b>	<b>\$15,430,000</b>

**COUNTY TRANSPORTATION TRUST FUND**

**Road Impact Fee Fund (11515)**

<b>REVENUES</b>	<b><u>FY18</u></b>
Fund Balance (Interest)	25,000
<b>TOTAL</b>	<b>\$25,000</b>
 <b>APPROPRIATIONS</b>	
Transfer to the General Fund (10010)	25,000
<b>TOTAL</b>	<b>\$25,000</b>

COUNTY TRANSPORTATION TRUST FUND

Local Option Gas Tax Fund (11520)

<b>REVENUES</b>	<b><u>FY18</u></b>
Original Local Option Gas Tax	33,190,000
1994 Local Option Gas Tax	11,640,000
1998 Local Option Gas Tax	7,970,000
2000 Local Option Gas Tax	5,900,000
Ninth Cent Gas Tax	9,550,000
Less 5%	(3,412,500)
Fund Balance	5,300,000
<b>TOTAL</b>	<b>\$70,137,500</b>
 <b>APPROPRIATIONS</b>	
Transfer to Transit Operations (10025)	57,570,000
Transfer to Engineering Capital Outlay (30110)	12,567,500
<b>TOTAL</b>	<b>\$70,137,500</b>

**COUNTY TRANSPORTATION TRUST FUND**

**Transportation Concurrency Fund (11525)**

<b>REVENUES</b>	<b><u>FY18</u></b>
Transportation Concurrency Fees	3,000,000
Less 5%	(150,000)
Fund Balance	21,000,000
<b>TOTAL</b>	<b>\$23,850,000</b>
 <b>APPROPRIATIONS</b>	
Transfer to General Fund (10010)	80,000
Transfer to Transit Capital Fund (35120)	10,000,000
Reserve for Projects	13,770,000
<b>TOTAL</b>	<b>\$23,850,000</b>

**CAPITAL OUTLAY FUND**

**Streets & Highways Capital Outlay Fund (30105)**

<b>REVENUES</b>	<b><u>FY18</u></b>
Transfer from Constitutional Gas Tax Fund (11510)	5,485,000
Fund Balance	500,000
<b>TOTAL</b>	<b>\$5,985,000</b>

<b>APPROPRIATIONS</b>	
Road Maintenance	305,000
Road Improvements	400,000
Railroad Crossings	565,000
Guardrail Repair	400,000
Resurfacing	1,200,000
Bridge Maintenance Program	1,415,000
Bike Lane Construction	500,000
ADA Ramp Improvement on Resurfacing Projects	1,200,000
<b>TOTAL</b>	<b>\$5,985,000</b>

**CAPITAL OUTLAY FUND**

**Engineering Capital Outlay Fund (30110)**

<b>REVENUES</b>	<b><u>FY18</u></b>
Interest Earnings	200,000
Less 5%	(10,000)
Transfer from Local Option Gas Tax Fund (11520)	12,567,500
Fund Balance	11,900,000

**TOTAL** **\$24,657,500**

**APPROPRIATIONS**

Signalization Engineering Improvements	2,700,000
Sidewalks/ADA	1,200,000
Sign Retro-Reflectivity Upgrades	100,000
Capital Cost Allocation	621,700
Highway Construction & Engineering Support	1,623,830
Highway Bridge Maintenance Support	161,510
Roadway Stormwater Maintenance	2,240,000
Traffic Engineering Support	1,334,430
Street Lighting Infrastructure Repairs	100,000
Communication System Maintenance & Enhancement	400,000
Special Purpose Equipment Traffic Engineering	805,000
Special Purpose Equipment Highway Bridge Maintenance	1,220,000
Traffic Control Devices and Equipment	4,400,000
Highway and Bridge Maintenance Facility Renovation	100,000
Reserve for Committed Projects	7,651,030

**TOTAL** **\$24,657,500**

**CAPITAL OUTLAY FUND**

**Constitutional Gas Tax Capital Outlay Fund (30115)**

<b>REVENUES</b>	<b><u>FY18</u></b>
Interest Earnings	600,000
Less 5%	(30,000)
Transfer from Constitutional Gas Tax Fund (11510)	9,945,000
Pembroke Rd., Dykes to Silver Shore State and City Reimbursements	1,770,000
Fund Balance	30,300,000
<b>TOTAL</b>	<b>\$42,585,000</b>

**APPROPRIATIONS**

Davie Rd. Extension, Stirling to University	820,000
Wiles Rd., Riverside to Rock Island	400,000
Pembroke Rd., Dykes to Silver Shore	1,770,000
Loxahatchee Rd., Parkside Dr. to Wildlife Refuge	3,765,000
Andrews Ave. and Oakland Park Blvd. Intersection Improvements	80,000
Copans Rd. and Lyons Rd. Intersection Improvements	200,000
Oakland Park Blvd. and Nob Hill Rd. Intersection Improvements	200,000
Miramar Parkway Streetscape	198,000
Andrews Avenue Bascule Bridge Rehabilitation	2,357,630
N. Pine Island Rd. and 81st St, Roadway and Safety Improvements	1,200,000
School Zone & Pedestrian Safety Improvements	300,000
Mast Arms	2,975,000
Traffic Control Cabinet Security System	150,000
Federal Grant Projects, County Share	2,026,500
Reserve for Committed Projects	25,642,870
Reserve for Contingencies	500,000
<b>TOTAL</b>	<b>\$42,585,000</b>



## **GENERAL CAPITAL PROGRAM**

This section includes programs supported primarily by fund balance, fees, interest income, ad valorem (property) taxes, transfers from other funds, and bond proceeds to fund specific projects. These projects generally do not have a dedicated funding source, so the primary source of funds is general revenues such as property taxes and fund balances remaining from general revenues.

This section is organized in the following manner:

<b>General Capital Outlay Program</b>	<b>Page</b>
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Five Year Appropriation Summary	2-2
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Regional Parks Map	2-10
Regional Parks Projects - Project Descriptions	2-11
Government Facilities Map	2-19
BSO Capital Maintenance Projects - Project Descriptions	2-21
Facilities Maintenance Projects - Project Descriptions	2-23
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Environmental Projects - Project Descriptions	2-46
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Regional Communication Technology Projects - Project Descriptions	2-50
Project Management Expenses - Project Descriptions	2-52
Reserves - Descriptions	2-54

### **Appendix**

Fund Summaries	2-55
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**GENERAL CAPITAL PROGRAM**

	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>
<b>REVENUES</b>					
Ad Valorem Taxes	30,478,080	34,704,390	37,853,170	38,084,370	41,596,530
Interest Income	2,700,000	2,500,000	2,300,000	2,100,000	1,900,000
Interest Earnings - Library Bond	14,190	0	0	0	0
Less 5%	(1,659,610)	(1,860,220)	(2,007,660)	(2,009,220)	(2,174,830)
Sale of NJCC Property	0	4,100,000	0	0	0
Sale of BARC Central Building	1,750,000	0	0	0	0
Young at Art Annual Rent	350,000	350,000	350,000	350,000	350,000
Sale of Surplus Vehicles and Equipment	262,500	281,250	293,750	309,380	325,000
Fund Balance - Parks and Land Bond	3,753,770	0	0	0	0
Transfer from Parks Target Range	13,140	13,140	13,140	13,140	13,140
Fund Balance - Courthouse Fund	415,710	312,270	0	0	0
Transfer from Everglades Holiday Park Fund	500,000	0	0	0	0
Transfer from Park Impact Fees	2,400,000	0	248,000	2,049,000	0
Municipal Reimbursements for Coastal Flood Map	360,000	0	0	0	0
Transfer from Agencies for Enterprise Resource Planning	5,451,820	0	0	0	0
Transfer from General Fund	24,200,000	0	0	0	0
Reimbursement From Transit Capital Fund	217,260	223,780	230,490	237,400	244,520
Financing for Medical Examiner and Crime Lab Replacement Facility	0	8,000,000	96,400,000	0	0
Fund Balance	26,900,000	11,198,860	666,450	331,000	199,720
<b>TOTAL REVENUES</b>	<b><u>\$98,106,860</u></b>	<b><u>\$59,823,470</u></b>	<b><u>\$136,347,340</u></b>	<b><u>\$41,465,070</u></b>	<b><u>\$42,454,080</u></b>

**APPROPRIATIONS**

**Library Projects**

Computer Replacement Program	450,000	450,000	450,000	450,000	450,000
Furniture Replacement Program	550,000	550,000	550,000	550,000	0
Library Refresh Program	1,027,000	1,500,000	1,500,000	2,000,000	2,000,000
Network Security Improvements	52,000	0	0	0	0
Library Document Stations	85,000	0	0	0	0
Provisioning Central Management of Library Public Computers	550,000	0	0	0	0
Servers and Switches Replacement	150,000	0	0	0	0
<b><u>Subtotal Library Projects</u></b>	<b><u>2,864,000</u></b>	<b><u>2,500,000</u></b>	<b><u>2,500,000</u></b>	<b><u>3,000,000</u></b>	<b><u>2,450,000</u></b>

**GENERAL CAPITAL PROGRAM**

	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>
<b><u>Regional Parks Projects</u></b>					
Building Maintenance	334,580	344,620	354,960	365,610	376,580
Facilities Improvement	1,509,980	1,555,280	1,601,940	1,650,000	1,699,500
Fencing Repair/Replacement	208,000	214,240	220,670	227,290	234,110
Street Lighting Repair/Replacement	306,700	315,900	325,380	335,140	345,190
Road Resurfacing	446,160	459,540	473,330	487,530	502,160
Playground Replacement	364,000	374,920	386,170	397,760	409,690
Pool Repairs	416,000	428,480	441,330	454,570	468,210
Restroom Repair/Renovation	208,000	214,240	220,670	227,290	234,110
Roof Repair/Replacement	381,060	392,490	404,260	416,390	428,880
Shading Structures	208,000	214,240	220,670	227,290	234,110
Underground Utilities	441,580	454,830	468,470	482,520	497,000
Sports Fields	208,000	214,240	220,670	227,290	234,110
Mountain Bike Trail Improvements	17,000	17,000	17,000	17,000	17,000
Parks ADA Team	385,920	385,920	0	0	0
Everglades Holiday Park Levee Wall	821,000	0	0	0	0
Deerfield Island Boardwalk	962,000	0	0	0	0
Fern Forest Exhibits	155,000	0	0	0	0
CB Smith Park Aquatics Building	300,000	0	0	0	0
Parks Administration Complex Improvements	1,800,000	0	0	0	0
<b><u>Subtotal Regional Parks</u></b>	<b><u>9,472,980</u></b>	<b><u>5,585,940</u></b>	<b><u>5,355,520</u></b>	<b><u>5,515,680</u></b>	<b><u>5,680,650</u></b>
<b><u>Park Impact Fee Projects</u></b>					
Vista View North Compartment Addition	0	0	248,000	2,049,000	0
Miramar Pineland Improvements	1,900,000	0	0	0	0
Everglades Holiday Park Construction Phase II	2,071,000	0	0	0	0
<b><u>Subtotal Parks Impact Fee</u></b>	<b><u>3,971,000</u></b>	<b><u>0</u></b>	<b><u>248,000</u></b>	<b><u>2,049,000</u></b>	<b><u>0</u></b>
<b><u>Park Bond Parks Projects</u></b>					
Tradewinds Park North Improvements	2,540,670	0	0	0	0
Vista View Splash Pad	315,500	0	0	0	0
<b><u>Subtotal Parks Bond</u></b>	<b><u>2,856,170</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>
<b><u>BSO Capital Projects</u></b>					
Corrections Maintenance	678,500	1,060,000	1,100,000	1,100,000	1,100,000
Public Safety Building Maintenance	345,000	0	0	0	0
Fire Station Maintenance	45,000	40,000	0	0	0
Fleet Facility Maintenance	50,000	0	0	0	0
Paul Rein Roof Replacement	2,200,000	0	0	0	0
Main Jail Window Replacement	0	8,054,340	3,315,660	0	0
Main Jail First Appearance Courtroom	435,000	0	0	0	0
<b><u>Subtotal BSO Capital</u></b>	<b><u>3,753,500</u></b>	<b><u>9,154,340</u></b>	<b><u>4,415,660</u></b>	<b><u>1,100,000</u></b>	<b><u>1,100,000</u></b>

**GENERAL CAPITAL PROGRAM**

	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>
<b><u>Facilities Maintenance Projects</u></b>					
Carpet and Tile Replacement Program	1,117,000	435,000	474,800	500,000	265,000
Facilities Improvement Program	1,512,000	1,510,000	770,000	800,000	900,000
Facilities Maintenance Program	1,015,000	1,484,000	1,150,000	1,320,000	1,365,000
Paint and Seal Program	400,000	1,336,000	598,500	611,000	715,000
Elevator Maintenance and Improvements Program	409,000	0	0	0	1,050,000
Roofing Repair and Replacement Program	2,136,400	993,000	2,175,000	2,275,000	3,045,000
HVAC/Chiller Maintenance and Replacement Program	1,960,000	1,497,000	1,690,000	1,533,000	103,000
Security Equipment	0	0	400,000	445,000	0
Public Safety Complex Improvements	0	100,000	675,000	0	0
Energy Reduction Program	1,500,000	1,500,000	1,500,000	2,000,000	3,000,000
Emergency Operations Center Generator	750,000	0	0	0	0
<b><u>Subtotal Facilities Maintenance</u></b>	<b><u>10,799,400</u></b>	<b><u>8,855,000</u></b>	<b><u>9,433,300</u></b>	<b><u>9,484,000</u></b>	<b><u>10,443,000</u></b>
<b><u>Courthouse Facilities Maintenance Projects</u></b>					
Judicial Complex Electrical Maintenance Program	800,000	0	0	0	0
Judicial Complex Elevator Maintenance and Improvement Program	700,000	1,050,000	870,000	0	1,160,000
Judicial Complex Facilities Improvement Program	1,179,000	200,000	200,000	200,000	250,000
Judicial Complex Maintenance Program	80,000	250,000	75,000	45,000	0
Judicial Complex Paint and Seal Program	250,000	430,000	770,000	50,000	215,000
Judicial Complex Carpeting Program	20,000	100,000	150,000	200,000	250,000
Judicial Complex Security Equipment Program	375,000	0	0	0	0
Judicial Complex HVAC Maintenance Program	0	35,000	8,000	0	10,000
Judicial Complex Roof Replacement Program	0	500,000	0	0	300,000
<b><u>Subtotal Courthouse Facilities Maintenance</u></b>	<b><u>3,404,000</u></b>	<b><u>2,565,000</u></b>	<b><u>2,073,000</u></b>	<b><u>495,000</u></b>	<b><u>2,185,000</u></b>

**GENERAL CAPITAL PROGRAM**

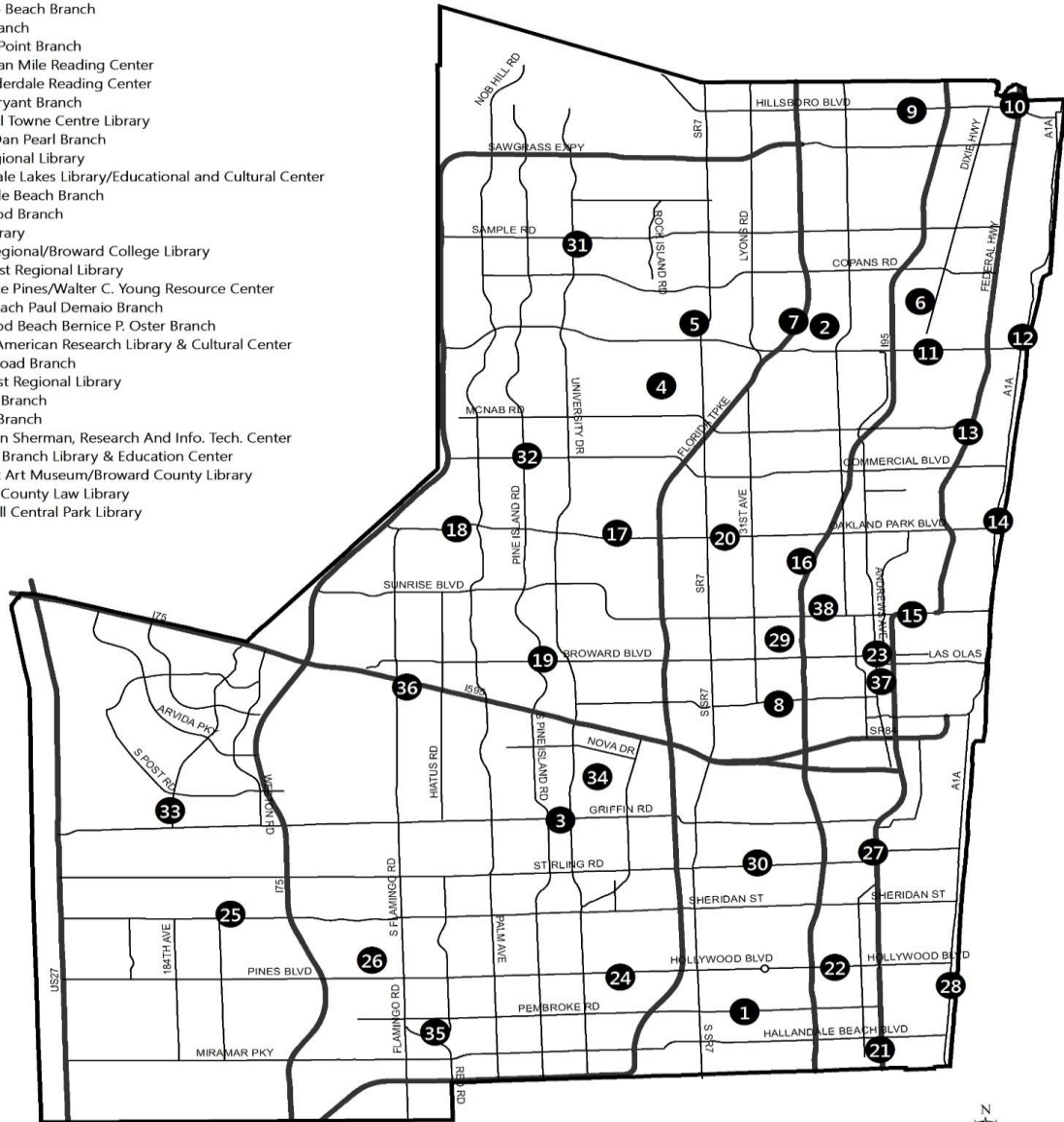
	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>
<b><u>General Government Projects</u></b>					
Judicial Complex East Wing Renovation	11,224,000	0	0	0	0
Judicial Complex North Wing Clerk of Court Renovation	550,000	0	0	0	0
Judicial Complex North Wing Exterior Elevators	0	0	125,000	1,152,000	0
West Regional Courthouse Clerk of Court Renovation	362,000	0	0	0	0
Courtroom Evidence Presentation Equipment	375,000	0	0	0	0
Replacement Medical Examiner/Crime Lab Joint Facility	3,000,000	8,000,000	96,400,000	0	0
County Facility Planning	0	0	0	1,000,000	2,700,000
Current Medical Examiner Facility CCTV Upgrade	96,000	0	0	0	0
Emergency Operations Center Server Room Expansion	76,000	0	0	0	0
Thomas Street Warehouse Renovation	615,000	0	0	0	0
County Facilities Demolition	1,900,000	0	0	0	0
Broward Addiction Recovery Center (BARC) Booher Security and Entrance Remodel	51,000	0	0	0	0
Boys and Girls Clubs Repairs and Maintenance	365,200	180,700	81,000	175,500	286,600
Nancy J. Cotterman Center Replacement Facility	0	1,148,000	0	0	0
Fleet Services Vehicle and Equipment Replacement Program	2,100,000	2,250,000	2,350,000	2,475,000	2,700,000
Fleet Service Center #2 Gasoline Tank Replacement	500,000	0	0	0	0
Fleet Service Centers #3 and #8 Shop Floor Resurfacing	300,000	0	0	0	0
Government Center East Replacement	1,750,000	4,100,000	0	2,000,000	2,000,000
<b><u>Subtotal General Government</u></b>	<b><u>23,264,200</u></b>	<b><u>15,678,700</u></b>	<b><u>98,956,000</u></b>	<b><u>6,802,500</u></b>	<b><u>7,686,600</u></b>
<b><u>Environmental Projects</u></b>					
Inundation Modeling	180,000	180,000	120,000	0	0
Saltwater Intrusion Monitoring Network	50,000	50,000	50,000	50,000	50,000
Reclaimed Water Supply	120,000	120,000	180,000	300,000	300,000
<b><u>Subtotal Environmental</u></b>	<b><u>350,000</u></b>	<b><u>350,000</u></b>	<b><u>350,000</u></b>	<b><u>350,000</u></b>	<b><u>350,000</u></b>

**GENERAL CAPITAL PROGRAM**

	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>
<b><u>Information Systems Projects</u></b>					
Information Technology Agency Automation	0	500,000	500,000	500,000	500,000
Information Technology Infrastructure Projects	2,641,520	2,500,000	2,500,000	2,500,000	2,500,000
Enterprise Resource Planning	12,313,520	1,278,120	0	0	0
<b><u>Subtotal Information Systems Projects</u></b>	<b><u>14,955,040</u></b>	<b><u>4,278,120</u></b>	<b><u>3,000,000</u></b>	<b><u>3,000,000</u></b>	<b><u>3,000,000</u></b>
<b><u>Regional Communications Technology Projects</u></b>					
P25 Radio Analyzers	135,400	0	0	0	0
Radio Tower Maintenance	150,000	150,000	150,000	150,000	150,000
UPS Replacement for County's Mission Critical Tower Sites	190,000	160,000	0	0	0
Generator Replacement for County's Mission Critical Tower Sites	80,000	0	0	0	0
ORCAT Capital Project Support Costs	91,570	0	0	0	0
Mobile Data Terminals - Spare Parts	97,000	0	0	0	0
<b><u>Subtotal Communications</u></b>	<b><u>743,970</u></b>	<b><u>310,000</u></b>	<b><u>150,000</u></b>	<b><u>150,000</u></b>	<b><u>150,000</u></b>
<b><u>Project Management Expenses</u></b>					
Construction Management Division	3,409,170	3,463,040	3,631,390	3,581,390	3,581,390
Facilities Management Capital Project Management	1,937,150	1,937,150	1,937,150	1,937,150	1,937,150
Parks and Recreation Capital Project Management	283,190	650,020	448,880	283,190	283,190
Parks Bond Administration	774,690	0	0	0	0
Land Stewardship Program	122,910	0	0	0	0
Library Bond Administration	13,480	0	0	0	0
Courthouse Bond Administration	415,710	312,270	0	0	0
Enterprise Technology Services Project Management	58,170	58,170	58,170	58,170	58,170
County Operated Facility Inspections	421,250	421,250	421,250	421,250	421,250
Cost Allocation	1,038,020	1,038,020	1,038,020	1,038,020	1,038,020
<b><u>Subtotal Project Management</u></b>	<b><u>8,473,740</u></b>	<b><u>7,879,920</u></b>	<b><u>7,534,860</u></b>	<b><u>7,319,170</u></b>	<b><u>7,319,170</u></b>
<b><u>Reserves</u></b>					
Reserve for Contingencies	2,000,000	2,000,000	2,000,000	2,000,000	2,089,660
Reserve for Project Commitments	11,198,860	666,450	331,000	199,720	0
<b><u>Subtotal Reserves</u></b>	<b><u>13,198,860</u></b>	<b><u>2,666,450</u></b>	<b><u>2,331,000</u></b>	<b><u>2,199,720</u></b>	<b><u>2,089,660</u></b>
<b>TOTAL APPROPRIATIONS</b>	<b><u>\$98,106,860</u></b>	<b><u>\$59,823,470</u></b>	<b><u>\$136,347,340</u></b>	<b><u>\$41,465,070</u></b>	<b><u>\$42,454,080</u></b>

# Broward County Libraries

1. Carver Ranches Branch
2. Jan Moran Collier City Learning Library
3. Davie/Cooper City Branch
4. North Lauderdale Saraniero Branch
5. Margate Catharine Young Branch
6. Northwest Branch
7. North Regional/Broward College Library
8. Riverland Branch
9. Century Plaza/Leon Slatin Branch
10. Deerfield Beach Percy White Branch
11. Pompano Beach Branch
12. Beach Branch
13. Imperial Point Branch
14. Galt Ocean Mile Reading Center
15. Fort Lauderdale Reading Center
16. Tyrone Bryant Branch
17. Lauderdale Towne Centre Library
18. Sunrise Dan Pearl Branch
19. West Regional Library
20. Lauderdale Lakes Library/Educational and Cultural Center
21. Hallandale Beach Branch
22. Hollywood Branch
23. Main Library
24. South Regional/Broward College Library
25. Southwest Regional Library
26. Pembroke Pines/Walter C. Young Resource Center
27. Dania Beach Paul Demaio Branch
28. Hollywood Beach Bernice P. Oster Branch
29. African-American Research Library & Cultural Center
30. Stirling Road Branch
31. Northwest Regional Library
32. Tamarac Branch
33. Weston Branch
34. NSU Alvin Sherman, Research And Info. Tech. Center
35. Miramar Branch Library & Education Center
36. Young at Art Museum/Broward County Library
37. Broward County Law Library
38. Lauderdale Central Park Library



May 2017 # 13975

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**  
General Capital

**PROJECT**  
Library Projects

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Computer Replacement Program	N/A	450,000	0	---	0	---	2,250,000	MY	2,700,000
Furniture Replacement Program	N/A	0	0	---	0	---	2,200,000	MY	2,200,000
Library Refresh Program	0	988,500	0	---	8,027,000	MY	0	---	9,015,500
Network Security Improvements	0	0	0	---	0	---	52,000	18	52,000
Library Document Stations	0	0	0	---	0	---	85,000	18	85,000
Provisioning Central Management of Library Public Computers	0	85,000	0	---	0	---	550,000	18	635,000
Servers and Switches Replacement	0	0	0	---	0	---	150,000	18	150,000

**Project Comments**

- In FY18-22, \$2,250,000 is programmed to replace library computers that have reached end of useful life and are no longer under warranty.
- In FY18-21, \$2,200,000 is programmed to replace furniture in the library system that has reached end of life.
- In FY18, \$667,000 is budgeted for a library refresh project at the Collier City Branch to replace carpeting, exterior and interior paint, space reconfiguration, and replace the roof. In FY18, \$360,000 is budgeted for a library refresh project at the Galt Ocean Mile Reading Center that includes new carpet, furniture, book shelving, and expanding the multipurpose room. In FY19-22 \$7,000,000 is programmed for future library refresh projects.
- In FY18, \$52,000 is budgeted to install a next generation network security device for the public network.
- In FY18, \$85,000 is budgeted to install library document stations at all 38 branches. These stations will provide customers copying, faxing, scanning, and email services.
- In FY18, \$550,000 is budgeted to create a secure anonymous network for public access computers to increase efficiency and security when updating software for the library system.
- In FY18, \$150,000 is provided for replacing network servers and switches that have reached end of life.



**BROWARD COUNTY CAPITAL BUDGET**

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
General Construction Revenues	2,864,000	2,500,000	2,500,000	3,000,000	2,450,000	13,314,000
<b>TOTAL</b>	2,864,000	2,500,000	2,500,000	3,000,000	2,450,000	13,314,000
<b><u>Funding Requirements</u></b>						
Computer Replacement Program	450,000	450,000	450,000	450,000	450,000	2,250,000
Furniture Replacement Program	550,000	550,000	550,000	550,000	0	2,200,000
Library Refresh Program	1,027,000	1,500,000	1,500,000	2,000,000	2,000,000	8,027,000
Network Security Improvements	52,000	0	0	0	0	52,000
Library Document Stations	85,000	0	0	0	0	85,000
Provisioning Central Management of Library Public Computers	550,000	0	0	0	0	550,000
Servers and Switches Replacement	150,000	0	0	0	0	150,000
<b>TOTAL</b>	2,864,000	2,500,000	2,500,000	3,000,000	2,450,000	13,314,000

**Operating Budget Impact**

Network Security Improvements

Annual Cost: 10,800                      First Year of Operation: 2018

Library Document Stations

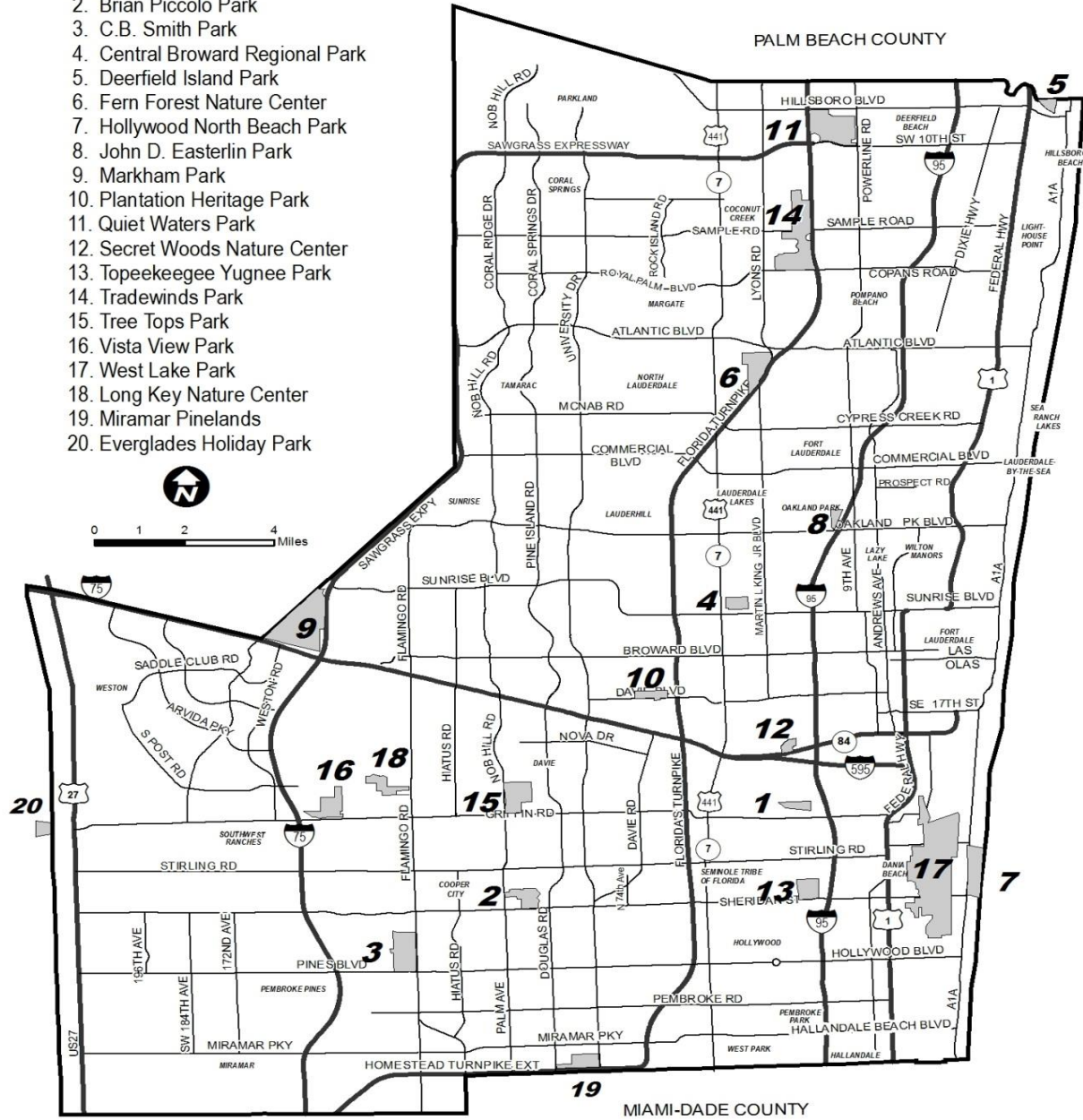
Annual Cost: 16,000                      First Year of Operation: 2018

Provisioning Central Management of Library Public Computers

Annual Cost: 90,000                      First Year of Operation: 2018

## Broward County Regional Parks

1. Boater's Park
2. Brian Piccolo Park
3. C.B. Smith Park
4. Central Broward Regional Park
5. Deerfield Island Park
6. Fern Forest Nature Center
7. Hollywood North Beach Park
8. John D. Easterlin Park
9. Markham Park
10. Plantation Heritage Park
11. Quiet Waters Park
12. Secret Woods Nature Center
13. Topeekeegee Yugnee Park
14. Tradewinds Park
15. Tree Tops Park
16. Vista View Park
17. West Lake Park
18. Long Key Nature Center
19. Miramar Pinelands
20. Everglades Holiday Park



**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**  
General Capital

**PROJECT**  
Regional Parks Maintenance and Improvement Program

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Building Maintenance	N/A	1,121,022	0	---	1,776,350	MY	0	---	2,897,372
Facilities Improvement	N/A	3,786,500	0	---	8,016,700	MY	0	---	11,803,200
Fencing Repair/Replacement	N/A	513,084	0	---	1,104,310	MY	0	---	1,617,394
Street Lighting Repair/Replacement	N/A	874,376	0	---	1,628,310	MY	0	---	2,502,686
Road Resurfacing	N/A	993,400	0	---	2,368,720	MY	0	---	3,362,120
Playground Replacement	N/A	1,184,955	0	---	1,932,540	MY	0	---	3,117,495
Pool Repair	N/A	1,126,401	0	---	2,208,590	MY	0	---	3,334,991
Restroom Repair/Renovation	N/A	1,413,047	0	---	1,104,310	MY	0	---	2,517,357
Roof Repair/Replacement	N/A	841,827	0	---	2,023,080	MY	0	---	2,864,907
Shading Structures	N/A	821,872	0	---	1,104,310	MY	0	---	1,926,182
Underground Utilities	N/A	844,055	0	---	2,344,400	MY	0	---	3,188,455
Sports Fields	N/A	200,000	0	---	1,104,310	MY	0	---	1,304,310
Mountain Bike Trail Improvements	N/A	19,287	0	---	85,000	MY	0	---	104,287
Parks ADA Team	N/A	N/A	0	---	0	---	771,840	MY	771,840

**Project Comments**

- In FY18-22, \$1.8 million is allocated for building maintenance at the Parks and Recreation Division. Funds will be used to deliver flexible and timely response to unplanned emergency and non-emergency repairs required to preserve the County's regional parks and infrastructure.
- \$8 million is allocated for facilities improvement over the five year program for major renovations and enhancements of the County's regional parks.
- Over the five year program, \$1.1 million is allocated for repairs and replacement of fences at the regional parks throughout the County. This funding will enable the Parks Division to quickly replace old and dilapidated fences at many of the regional parks and natural areas.
- \$1.6 million is allocated over the five year program for the replacement and installation of new energy-efficient lighting at all of the regional parks throughout the County.

- \$2.4 million is appropriated over the five year program for repairs and resurfacing of park roadways, parking lots, walking paths, and boardwalks. The presence of an on-going program alleviates maintenance problems and damage associated with deteriorating roads, paths, and boardwalks.
- \$1.9 million is allocated over the five year program for repair and replacement of deteriorating playground structures.
- In FY18-22 \$2.2 million is appropriated for the repair and maintenance of County pools and slides, which are heavily utilized during peak season.
- \$1.1 million is allocated over the five year program to renovate restrooms according to their anticipated life cycles.
- \$2 million is allocated over the five year program to maintain a uniform schedule of roof replacement according to anticipated life cycles. The presence of an on-going replacement program alleviates damage associated with leaking roofs.
- \$1.1 million is allocated over the five year program to replace existing shade structures.
- \$2.3 million is allocated over the five year program for regularly scheduled renovations and repairs to fix existing lift stations, water and sewer lines, and septic tanks.
- \$1.1 million is allocated over the five year program for maintenance and improvements to the sports fields at various regional parks.
- \$85,000 is allocated over the five year program for maintenance and improvements to the mountain bike trails at Markham and Quiet Waters parks.
- Funding is provided in FY18-19 in the General Capital Fund to support seven positions for the Parks' Americans with Disabilities Act Team. The team is responsible for addressing issues/projects associated with adapting parks facilities to meet the needs of those with disabilities.

**BROWARD COUNTY CAPITAL BUDGET****Funding Schedule**

<b><u>Funding Sources</u></b>	<b><u>FY18</u></b>	<b><u>FY19</u></b>	<b><u>FY20</u></b>	<b><u>FY21</u></b>	<b><u>FY22</u></b>	<b><u>TOTAL</u></b>
General Construction Revenues	5,434,980	5,585,940	5,355,520	5,515,680	5,680,650	27,572,770
<b>TOTAL</b>	5,434,980	5,585,940	5,355,520	5,515,680	5,680,650	27,572,770
<b><u>Funding Requirements</u></b>						
Building Maintenance	334,580	344,620	354,960	365,610	376,580	1,776,350
Facilities Improvement	1,509,980	1,555,280	1,601,940	1,650,000	1,699,500	8,016,700
Fencing Repair/Replacement	208,000	214,240	220,670	227,290	234,110	1,104,310
Street Lighting Repair/Replacement	306,700	315,900	325,380	335,140	345,190	1,628,310
Road Resurfacing	446,160	459,540	473,330	487,530	502,160	2,368,720
Playground Replacement	364,000	374,920	386,170	397,760	409,690	1,932,540
Pool Repair	416,000	428,480	441,330	454,570	468,210	2,208,590
Restroom Repair/Renovation	208,000	214,240	220,670	227,290	234,110	1,104,310
Roof Repair/Replacement	381,060	392,490	404,260	416,390	428,880	2,023,080
Shading Structures	208,000	214,240	220,670	227,290	234,110	1,104,310
Underground Utilities	441,580	454,830	468,470	482,520	497,000	2,344,400
Sports Fields	208,000	214,240	220,670	227,290	234,110	1,104,310
Mountain Bike Trail Improvements	17,000	17,000	17,000	17,000	17,000	85,000
Parks ADA Team	385,920	385,920	0	0	0	771,840
<b>TOTAL</b>	5,434,980	5,585,940	5,355,520	5,515,680	5,680,650	27,572,770

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**  
General Capital

**PROJECT**  
Everglades Holiday Park

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Everglades Holiday Park Levee Wall	0	105,000	0	---	821,000	18	0	---	926,000
Everglades Holiday Park Construction Phase II	1,092,662	5,107,006	0	---	2,071,000	18	0	---	8,270,668

**Project Comments**

- Everglades Holiday Park is located at 21940 Griffin Road. The County has a long term agreement with the current concessionaire at the park, which provides services such as airboat rides, food concessions, alligator shows, and boat rentals.
- In FY18, \$821,000 is budgeted for the construction of a new levee wall to mitigate for previously constructed site improvements adjacent to the existing levee. The wall is being added due to the requirements of the U.S. Army Corps of Engineers. This project is partially supported by a transfer from the Everglades Holiday Park Fund.
- In FY18, an additional \$2,071,000 is budgeted for the construction of the Everglades Holiday Park Phase II master plan due to cost escalation. The master plan consists of increasing ground elevation, constructing parking, docks, ramps, ADA upgrades and the stabilization of all existing grass parking areas. These improvements will address the park's functionality and aging infrastructure. This project is partially supported by Park Impact Fees.

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
Transfer from Parks Impact Fees	2,071,000	0	0	0	0	2,071,000
Transfer from the Everglades Holiday Park Fund	500,000	0	0	0	0	500,000
General Construction Revenues	321,000	0	0	0	0	321,000
<b>TOTAL</b>	<b>2,892,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,892,000</b>

**Funding Requirements**

Everglades Holiday Park Levee Wall	821,000	0	0	0	0	821,000
Everglades Holiday Park Construction Phase II	2,071,000	0	0	0	0	2,071,000
<b>TOTAL</b>	<b>2,892,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,892,000</b>

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**  
General Capital

**PROJECT**  
Vista View Park

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Vista View North Compartment Addition	0	0	248,000	20	2,049,000	21	0	---	2,297,000

**Project Comments**

- Vista View Park is located at 4001 S.W. 142nd Avenue in Davie. The amenities located at the park include fishing piers, horse trails, fitness trails, and two playgrounds.
- Funding is provided in FY20 and FY21 from Park Impact Fees to further develop the "North Compartment" adjacent to Vista View Park.
- The North Compartment improvements will include additional parking, an equine pathway, pedestrian bridge, and drainage improvements. This project is supported by Park Impact Fees.

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
Transfer from Parks Impact Fees	0	0	248,000	2,049,000	0	2,297,000
<b>TOTAL</b>	0	0	248,000	2,049,000	0	2,297,000

**Funding Requirements**

Vista View North Compartment	0	0	248,000	2,049,000	0	2,297,000
<b>TOTAL</b>	0	0	0	2,049,000	0	2,297,000

**Operating Budget Impact**

Annual Cost: 67,610

First Year of Operation: 2022

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

General Capital

**PROJECT**

Regional Parks Projects

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Deerfield Island Boardwalk	0	691,400	0	---	962,000	18	0	---	1,653,400
Fern Forest Exhibits	29,569	16,222	0	---	155,000	18	0	---	200,791
CB Smith Park Aquatics Building	0	0	0	---	300,000	18	0	---	300,000
Parks Administration Complex Improvements	0	0	0	---	1,800,000	18	0	---	1,800,000
Miramar Pineland Improvements	159,854	1,302,606	0	---	1,900,000	18	0	---	3,362,460

**Project Comments**

- In FY18, an additional \$962,000 is budgeted for the County share of the replacement costs for the 1,550 foot long Deerfield Island Boardwalk. The boardwalk will be built from aluminum pilings with pressure-treated wood used for the walking surface. This project is planned to be partially funded with a 50 percent cost share grant from the Florida Inland Navigation District, that the County applied for in FY17.
- In FY18, an additional \$155,000 is budgeted to replace the educational exhibits at the Fern Forest Nature Center. FY17 budget and historic expenses for this project are budgeted in the Park and Land Preservation Capital Bond Fund and the FY18 cost increases will be budgeted in the General Capital Outlay Fund.
- In FY18, \$300,000 is allocated to add a modular building at CB Smith Park to provide additional break room space for aquatics staff.
- In FY18, \$1,800,000 is budgeted for improvements at Park Administration Complex. Project will include space efficiency improvements at the North building, ADA improvements, a replacement storage building, and an new modular building for Parks staff.
- In FY18, an additional \$1,900,000 is budgeted for the construction of a nature center at Miramar Pineland Park. FY17 budget and historic expenses for this project are budgeted in the Park and Land Preservation Capital Bond Fund and the FY18 cost increases are budgeted in the General Capital Outlay Fund. This project is partially supported by Park Impact Fees.



**BROWARD COUNTY CAPITAL BUDGET****Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
Transfer from Parks Impact Fees	329,000	0	0	0	0	329,000
General Construction Revenues	4,788,000	0	0	0	0	4,788,000
<b>TOTAL</b>	<b>5,117,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,117,000</b>
<b><u>Funding Requirements</u></b>						
Deerfield Island Boardwalk	962,000	0	0	0	0	962,000
Fern Forest Exhibits	155,000	0	0	0	0	155,000
CB Smith Park Aquatics Building	300,000	0	0	0	0	300,000
Parks Administration Complex Improvements	1,800,000	0	0	0	0	1,800,000
Miramar Pineland Improvements	1,900,000	0	0	0	0	1,900,000
<b>TOTAL</b>	<b>5,117,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,117,000</b>

**Operating Budget Impact**Miramar Pineland Improvements

Annual Cost: 96,000

First Year of Operation: 2019

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

General Capital

**PROJECT**

Park Bond Projects

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Tradewinds Park North Improvements	58,300	6,954,214	0	---	2,540,670	18	0	---	9,553,184
Vista View Splash Pad	0	426,414	0	---	315,500	18	0	---	741,914

**Project Comments**

- In FY18, an additional \$2,540,670 is budgeted for the improvements at Tradewinds Park North. Improvements will include roadway and parking improvements, a new sanitary sewer system, storm water and utility improvements, renovation of the equestrian complex including a new animal barn, and a new services building.
- In FY18, an additional \$315,500 is budgeted for the construction of a splash pad at Vista View Park. The project will include drainage improvements, seating, shade structures, landscaping and irrigation, and fencing.

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
Fund Balance - Parks Bond Projects	2,856,170	0	0	0	0	2,856,170
<b>TOTAL</b>	2,856,170	0	0	0	0	2,856,170
<b>Funding Requirements</b>						
Tradewinds Park North Improvements	2,540,670	0	0	0	0	2,540,670
Vista View Splash Pad	315,500	0	0	0	0	315,500
<b>TOTAL</b>	2,856,170	0	0	0	0	2,856,170

**Operating Budget Impact**

Tradewinds Park North Improvements

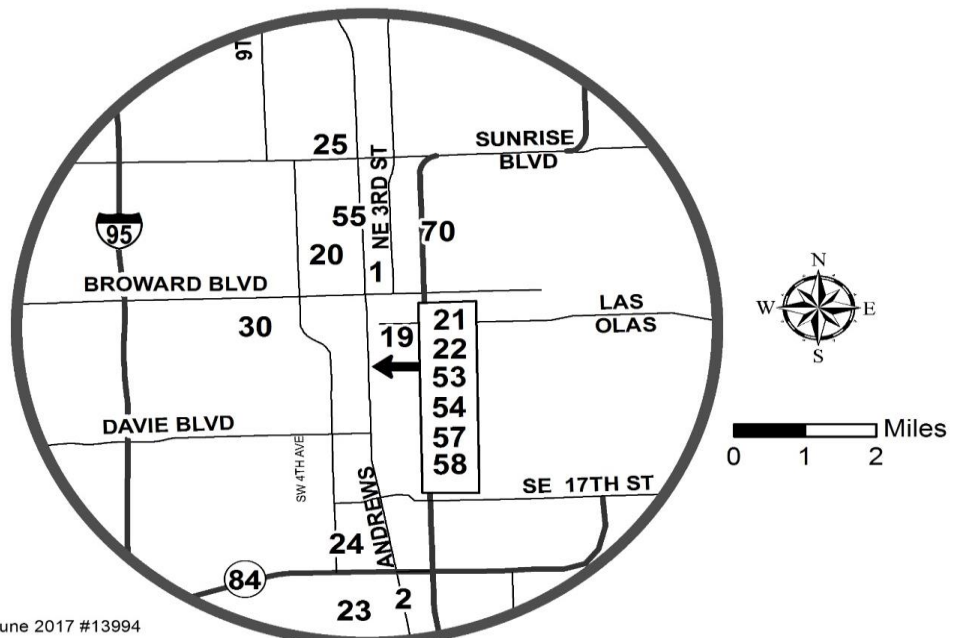
Annual Cost: 167,000      First Year of Operation: 2020

Vista View Splash Pad

Annual Cost: 35,000      First Year of Operation: 2019

# Broward County Government Facilities

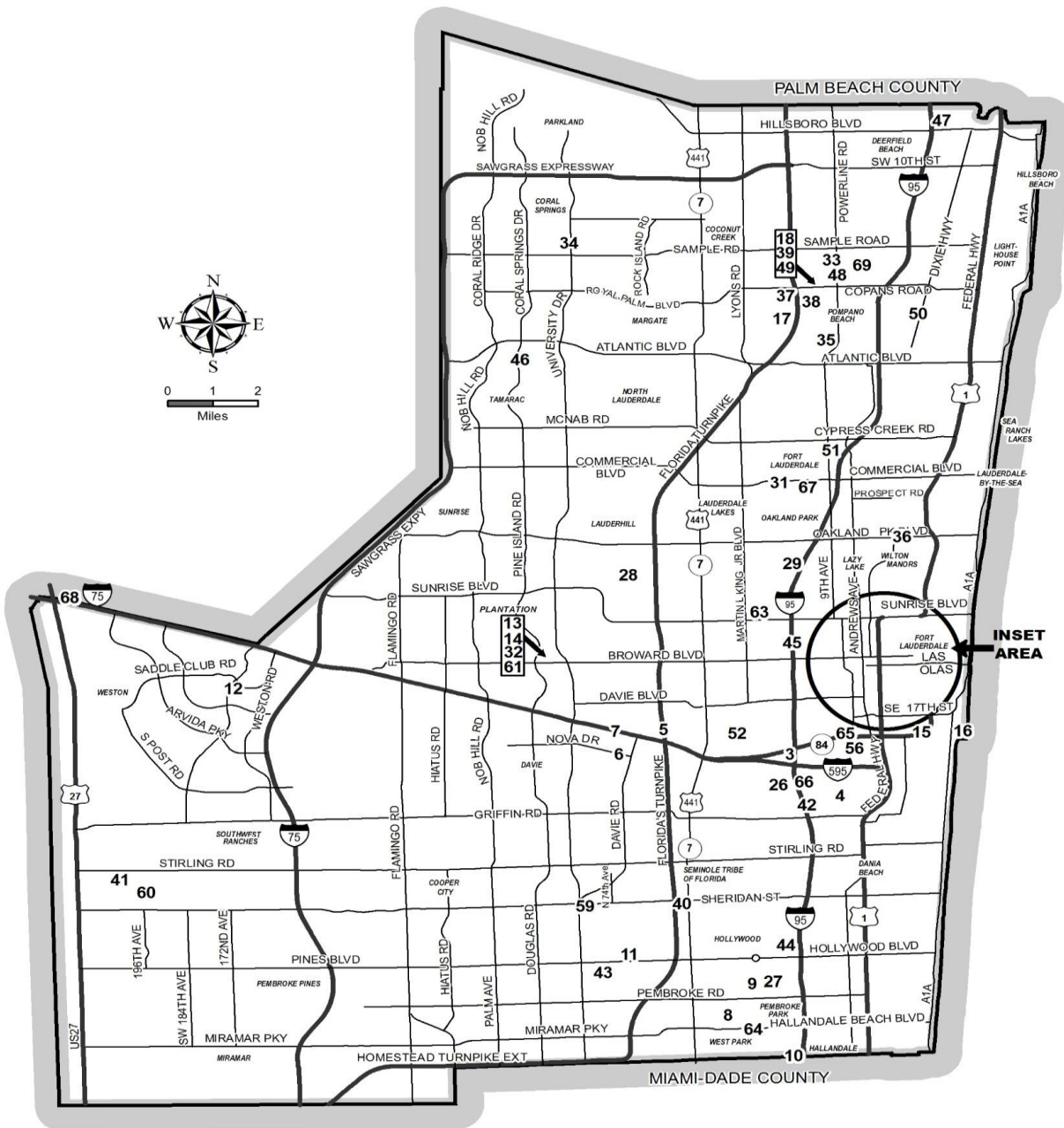
- Animal Care and Regulation-North (33)
- Animal Care Replacement Facility (26)
- Booher Alcohol-Drug Abuse Facility (BARC) (34)
- Broward Addiction Recovery Center-Central (56)
- Broward Addiction Recovery Center-Hollywood (40)
- Broward Convention Center (15)
- Broward County Landfill (41)
- BSO District #1 (8)
- BSO District #8 (12)
- BSO Pre-trial (inset) (54)
- BSO Stockade (51)
- Clerk of the Courts (inset) (57)
- Dept of Health Administration (inset) (24)
- EAP/ Human Resources (inset) (1)
- Emergency Operations Center (32)
- Environmental Monitoring Laboratory (6)
- Extension Education Facility (7)
- Facility Maintenance (inset) (58)
- Family Success Center-Central (52)
- Family Success Center-Davie (59)
- Family Success Center-North (50)
- Family Success Center-Northwest (46)
- Family Success Center-South (9)
- Fire Station #106 (68)
- Fire Station #17 (66)
- Fire Station #27 (64)
- Fire Station #32 (65)
- Fire Station #51 (69)
- Fire Station #85 (67)
- Fleet Service Center #2 (inset) (23)
- Fleet Service Center #3 (17)
- Fleet Service Center #8 (60)
- Ft Lauderdale-Hollywood Int Airport (4)
- Government Center-West (14)
- Government Center-East (inset) (19)
- Highway and Bridge Maintenance (35)
- Historical Commission Building (inset) (30)
- Homeless Assistance Center-Central (inset) (25)
- Homeless Assistance Center-North (37)
- Housing Finance (inset) (55)
- Human Services Facility-East (36)
- Juvenile Assessment Facility (inset) (2)
- Lauderhill Cultural Center (63)
- Main Courthouse (inset) (21)
- Main Jail (inset) (53)
- Mass Transit at Copans (49)
- Mass Transit Ravenswood Complex (3)
- Mass Transit Terminal Downtown (inset) (20)
- Mass Transit Terminal-West (61)
- Medical Examiner (42)
- Mental Health Crisis Unit (29)
- Midrise Judicial Facility (inset) (22)
- Mosquito Control (43)
- Nancy J. Cotterman Center (inset) (70)
- North Detention Complex (38)
- North Perry Airport (11)
- North Regional Courthouse (47)
- Port Everglades (16)
- Public Safety Complex (45)
- Regional Wastewater Facility (39)
- Residential Drop Off Center-Central (5)
- Residential Drop Off Center-North (48)
- Residential Drop Off Center-South (10)
- South Regional Courthouse (44)
- South Regional Health Center (27)
- Tag Agency Revenue Collection Replacement (28)
- Traffic Engineering (31)
- Water/Wastewater Administrative Complex (18)
- West Regional Courthouse (13)



Updated June 2017 #13994

**Map Inset**

# Broward County Government Facilities



June 2017 2012 #13993

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**  
General Capital

**PROJECT**  
BSO Capital Maintenance Program

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Corrections Maintenance	N/A	N/A	0	---	5,038,500	MY	0	---	5,038,500
Paul Rein Roof Replacement	0	200,000	0	---	2,200,000	18	0	---	2,400,000
Public Safety Complex Maintenance	N/A	N/A	0	---	345,000	18	0	---	345,000
Fire Station Maintenance	N/A	N/A	0	---	85,000	MY	0	---	85,000
Fleet Facility Maintenance	N/A	N/A	0	---	50,000	18	0	---	50,000
Main Jail Window Replacement	263,327	7,109,027	0	---	11,370,000	MY	0	---	18,742,354
Main Jail First Appearance Courtroom Renovation	0	3,550	35,000	18	400,000	18	0	---	438,550

**Project Comments**

- Broward Sheriff’s Office (BSO) capital maintenance program allows for routine repairs and improvements at the public safety facilities owned by Broward County. Funding is programmed annually in FY18-22 for projects in the maintenance program.
- In FY18, \$175,000 is budgeted to renovate the Records/Warrants unit area; \$50,000 is budgeted to renovate the interior of Public Safety Complex building #143; and \$120,000 is budgeted to renovate the locker rooms and restrooms at the District 5 building at the Public Safety Complex.
- In FY19, \$360,000 is budgeted to replace or repair the walk-in freezer walls at the North Kitchen Warehouse and \$350,000 to replace the sinks and prep areas at the Main Jail. \$50,000 is also budgeted to install CCTV and access control systems at the BSO Fleet Facility.
- In FY18, \$2,200,000 is funded for the construction phase of the roof replacement at the Paul Rein Facility. \$45,000 is also budgeted to install access control systems at all BSO Fire Stations.
- In FY19-20, an additional \$11,370,000 is budgeted to install impact resistant windows and new glazing systems at the Main Jail.
- In FY18, \$435,000 is provided for the renovation of the First Appearance Courtroom in the Main Jail.

**BROWARD COUNTY CAPITAL BUDGET****Funding Schedule**

<b><u>Funding Sources</u></b>	<b><u>FY18</u></b>	<b><u>FY19</u></b>	<b><u>FY20</u></b>	<b><u>FY21</u></b>	<b><u>FY22</u></b>	<b><u>TOTAL</u></b>
General Construction Revenues	3,753,500	9,154,340	4,415,660	1,100,000	1,100,000	19,523,500
<b>TOTAL</b>	<b>3,753,500</b>	<b>9,154,340</b>	<b>4,415,660</b>	<b>1,100,000</b>	<b>1,100,000</b>	<b>19,523,500</b>
<b><u>Funding Requirements</u></b>						
Corrections Maintenance	678,500	1,060,000	1,100,000	1,100,000	1,100,000	5,038,500
Paul Rein Roof Replacement	2,200,000	0	0	0	0	2,200,000
Public Safety Complex Maintenance	345,000	0	0	0	0	345,000
Fire Station Maintenance	45,000	40,000	0	0	0	85,000
Fleet Facility Maintenance	50,000	0	0	0	0	50,000
Main Jail Window Replacement	0	8,054,340	3,315,660	0	0	11,370,000
Main Jail First Appearance Courtroom Renovation	435,000	0	0	0	0	435,000
<b>TOTAL</b>	<b>3,753,500</b>	<b>9,154,340</b>	<b>4,415,660</b>	<b>1,100,000</b>	<b>1,100,000</b>	<b>19,523,500</b>

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

General Capital

**PROJECT**

Carpet and Tile Replacement Program

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design		Construction		Other		
			FY	FY	FY	FY			
Carpet and Tile Replacement	N/A	3,317,719	0	---	2,791,800	MY	0	---	6,109,519

**Project Comments**

- Through its annual program, Broward County provides for the replacement of worn, discolored, and unsightly carpet and tile in County-owned facilities. Flooring is replaced on a ten year cycle depending on wear.
- In FY18, \$1,117,000 is provided for carpet replacement projects for portions of the following facilities: BARC Booher Building, Fort Lauderdale Library, Main Library, North Family Success Center, North Regional Library, Public Safety Building, and Government Center West.
- In FY19, \$435,000 is provided for carpet replacement projects for portions of the following facilities: Purchasing Warehouse, Emergency Operations Center, Government Center East Annex, Government Center East, Medical Examiner facility, Public Safety Building, Government Center West, and the Employee Assistance Program Building.
- In FY20, \$474,800 is provided for carpet replacement projects for portions of the following facilities: Government Center East and the Public Safety Building.
- In FY21, \$500,000 is provided for carpet replacement projects for portions of the following facilities: Government Center East Annex, Medical Examiner facility, Riverland Library, Government Center East, Northwest Library, Public Safety Building, and the Public Safety Building Evidence Warehouse.
- In FY22, \$265,000 is provided for carpet replacement projects for portions of the following facilities: Government Center East Annex, Government Center East, and the Imperial Point Library.

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
General Construction Revenues	1,117,000	435,000	474,800	500,000	265,000	2,791,800
<b>TOTAL</b>	1,117,000	435,000	474,800	500,000	265,000	2,791,800

**Funding Requirements**

Carpet and Tile Replacement	1,117,000	435,000	474,800	500,000	265,000	2,791,800
<b>TOTAL</b>	1,117,000	435,000	474,800	500,000	265,000	2,791,800

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**  
General Capital

**PROJECT**  
Facilities Improvement Program

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Facilities Improvement Program	N/A	4,182,630	0	---	5,492,000	MY	0	---	9,674,630
Public Safety Complex Improvements	0	0	0	---	775,000	MY	0	---	775,000

**Project Comments**

- The County provides an annual allocation for the continual improvement of its generally-funded facilities through its facilities improvement program. Improvements for parks and facilities serving self-supporting programs are separately managed and funded.
- In FY18, \$1,512,000 is provided for renovations of the first floor restroom at Government Center West, construction and remodeling of the new Elderly and Veterans space at Government Center West, and the installation of submeters at multiple facilities to monitor electricity use. The remainder of the funding will be used for minor facility improvements and to address needs that are identified during the year.
- An annual appropriation is planned in years FY19-22 for scheduled improvements to generally-funded facilities.
- \$775,000 is programmed in FY19 and FY20 for the upgrade of the closed circuit television system and enhanced security improvements at the Public Safety Complex.

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
General Construction Revenues	1,512,000	1,610,000	1,445,000	800,000	900,000	6,267,000
<b>TOTAL</b>	1,512,000	1,610,000	1,445,000	800,000	900,000	6,267,000

**Funding Requirements**

Facilities Improvement Program	1,512,000	1,510,000	770,000	800,000	900,000	5,492,000
Public Safety Complex Improvements	0	100,000	675,000	0	0	775,000
<b>TOTAL</b>	1,512,000	1,610,000	1,445,000	800,000	900,000	6,267,000



**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

General Capital

**PROJECT**

Facilities Maintenance Program

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Facilities Maintenance Program	N/A	2,704,652	0	---	6,334,000	MY	0	---	9,038,652

**Project Comments**

- The County provides an annual allocation for the repair and maintenance needs of its generally-funded facilities. Whenever possible, preventive maintenance is performed to extend the useful life of existing equipment and infrastructure. Minor repairs and maintenance for parks and enterprise agency facilities are separately managed and funded.
- \$1,015,000 is provided for maintenance and repairs scheduled for FY18 which includes landscaping for several County facilities, replacing the irrigation system at Government Center West, relocating the sanitary line at the Riverland Branch Library, upgrading the Parking and Revenue Control System for all pay-for-parking garages, replacing the Universal Power Supplies at several County facilities, and performing a multi-facility condition assessment. Several other minor repairs and replacements at other County facilities are scheduled for fiscal year 2018.
- In FY19-22, the range of \$1,150,000 - \$1,484,000 is allocated each year for additional maintenance and repairs.

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
General Construction Revenues	1,015,000	1,484,000	1,150,000	1,320,000	1,365,000	6,334,000
<b>TOTAL</b>	1,015,000	1,484,000	1,150,000	1,320,000	1,365,000	6,334,000

**Funding Requirements**

Facilities Maintenance Program	1,015,000	1,484,000	1,150,000	1,320,000	1,365,000	6,334,000
<b>TOTAL</b>	1,015,000	1,484,000	1,150,000	1,320,000	1,365,000	6,334,000

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

General Capital

**PROJECT**

Paint and Seal Program

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Paint and Seal Program	N/A	2,207,942	0	---	3,660,500	MY	0	---	5,868,442

**Project Comments**

- The County provides an annual allocation for painting, pressure cleaning, and sealing to preserve its generally-funded facilities and minimize damage caused by leaks and problems caused by deteriorating walls and surfaces. The paint and seal program also includes a four-year asphalt replacement schedule. Paint projects are planned on a seven-year schedule.
- In FY18, \$400,000 is provided for exterior painting and waterproofing of multiple County properties including the Deerfield Beach Percy White Library, North Regional Health Center, South Regional Health Center, North Family Success Center, Government Center West, Emergency Operations Center, and multiple buildings and structures at the Public Safety Complex.
- In FY19, \$1,336,000 is provided for exterior painting of multiple County facilities including the Public Safety Building and Government Center East, interior painting at the Mills Center and Purchasing Warehouse, sealing multiple County parking lots, and waterproofing the Central Homeless Assistance Center.
- In FY20, \$598,500 is provided for exterior painting at the BARC Booher building, Mosquito Control, and Public Safety Complex District 5 and Evidence Warehouse facilities, sealing multiple County parking lots, and the Exterior Closure Inspection Program.
- In FY21, \$611,000 is provided for exterior painting of multiple library branches, Government Center East garages, North Animal Care and Regulation facility, sealing multiple County parking lots, and the Exterior Closure Inspection Program.
- In FY22, \$715,000 is provided for exterior painting of the Tyrone Bryant Library and Government Center East garages, sealing multiple County parking lots, waterproofing the Lauderhill Towne Center Library, and the Exterior Closure Inspection Program.

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
General Construction Revenues	400,000	1,336,000	598,500	611,000	715,000	3,660,500
<b>TOTAL</b>	400,000	1,336,000	598,500	611,000	715,000	3,660,500
<u>Funding Requirements</u>						
Paint and Seal Program	400,000	1,336,000	598,500	611,000	715,000	3,660,500
<b>TOTAL</b>	400,000	1,336,000	598,500	611,000	715,000	3,660,500

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

General Capital

**PROJECT**

Elevator Maintenance and Improvements

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Elevator Maintenance and Improvements	N/A	2,286,202	0	---	1,459,000	MY	0	---	3,745,202

**Project Comments**

- In FY18, \$409,000 is provided to modernize elevators at the African-American Research Library and Cultural Center, Imperial Point Library, and the rear elevator at Government Center East.
- In FY22, \$1,050,000 is provided to modernize the elevators at Government Center West.

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
General Construction Revenues	409,000	0	0	0	1,050,000	1,459,000
<b>TOTAL</b>	409,000	0	0	0	1,050,000	1,459,000
<b>Funding Requirements</b>						
Elevator Maintenance and Improvements	409,000	0	0	0	1,050,000	1,459,000
<b>TOTAL</b>	409,000	0	0	0	1,050,000	1,459,000

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

General Capital

**PROJECT**

Roofing Repair and Replacement Program

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Roofing Repair and Replacement Program	N/A	7,736,349	0	---	10,624,400	MY	0	---	18,360,749

**Project Comments**

- The roof repair and replacement program provides for a uniform schedule of roof replacements determined by the anticipated life cycle of inspected roofs. Replacements and repairs are also identified by the County's roof asset management program. The roof asset management program identifies roofs showing moisture through infrared scans, after which the County's consultant conducts on-site roof inspections to verify that repairs or replacements are necessary.
- The presence of an on-going roof program alleviates structural problems and the damage associated with leaking roofs. The average life span of a roof is fifteen years, depending on the warranties provided by contractors and the quality of materials and installation.
- The services of a consultant covers preventative and recommended maintenance through inspections, repair and replacement specification, contractor monitoring, and a roof survey for buildings in the program.
- In FY18, \$700,000 is allocated for the replacement of the roof at the Property Appraiser's Office at Government Center East; \$692,000 for the North Homeless Assistance Center; and \$265,500 for the Northwest Family Success Center. \$375,000 is allocated for minor roof leaks, inspection, and testing at other generally-funded buildings.
- In FY19, \$200,000 is allocated for roof replacement at the Southwest Regional Library; \$250,000 for the Tamarac Library; and \$100,000 for the Margate Catherine Young Library. \$375,000 is allocated for minor roof leaks, inspection, and testing at other generally-funded buildings.
- In FY20, \$2,175,000 is allocated for minor roof leaks, inspection, and testing at other generally-funded buildings.
- In FY21, \$100,000 is allocated for roof replacement at the Northwest Library. \$2,175,000 is allocated for minor roof leaks, inspection, and testing at other generally-funded buildings.
- In FY22, \$500,000 is allocated for roof replacement at the Fort Lauderdale Public Health Unit and \$370,000 for the Purchasing Warehouse. \$2,175,000 is allocated for minor roof leaks, inspection, and testing at other generally-funded buildings.

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
General Construction Revenues	2,136,400	993,000	2,175,000	2,275,000	3,045,000	10,624,400
<b>TOTAL</b>	2,136,400	993,000	2,175,000	2,275,000	3,045,000	10,624,400

**Funding Requirements**

Roofing Repair and Replacement Program	2,136,400	993,000	2,175,000	2,275,000	3,045,000	10,624,400
<b>TOTAL</b>	2,136,400	993,000	2,175,000	2,275,000	3,045,000	10,624,400

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

General Capital

**PROJECT**

HVAC/Chiller Maintenance and Replacement

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
HVAC / Chiller Maintenance and Replacement Program	N/A	1,231,093	0	---	6,783,000	MY	0	---	8,014,093

**Project Comments**

- \$6,783,000 in funding for the repairs and regularly scheduled maintenance of heating, ventilation, and air conditioning (HVAC) equipment in generally funded agencies is provided in FY18-22. A regular maintenance schedule improves reliability and provides better control of indoor climate. Decisions to replace HVAC equipment are based on physical inspections and current industry standards.
- Chiller replacement is determined by the number of years a chiller has been in service. Chillers transfer chilled water to air conditioning units. Cooling coils in the A/C unit transfer heat from the air to the chilled water, which cools and dehumidifies the air, and the used water is returned to the chiller.
- Replacements of HVAC units are scheduled as units approach the end of their useful lives. Facilities have multiple units, and replacement is often scheduled over a period of years. Annual inspections ensure that replacements are scheduled before major failures occur.
- In FY18, \$1,960,000 is allocated for maintenance, repair, and/or replacement of HVAC and Chiller equipment at the following facilities: Davie/Cooper City Library, Emergency Operations Center, Public Safety Building, South Family Success Center, Lauderhill Towne Center Library, Edgar Mills Health Center, North Lauderdale Saraniero Library, BARC Booher building, Southwest Regional Library, and Government Center West.
- In FY19, \$1,497,000 is allocated for maintenance, repair, and/or replacement of HVAC and Chiller equipment at the following facilities: Carver Ranches Library, Imperial Point Library, Public Safety Building, South Family Success Center, BARC Booher building, and the State Attorney's Offices at the former Legal Title Service building.
- In FY20, \$1,690,000 is allocated for maintenance, repair, and/or replacement of HVAC and Chiller equipment at the following facilities: Fort Lauderdale Public Health Unit Administration building, Main Library, and the Public Safety Building.
- In FY21, \$1,533,000 is allocated for maintenance, repair, and/or replacement of HVAC and Chiller equipment at the following facilities: Central Homeless Assistance Center, Purchasing Warehouse, Public Safety Building, Hallandale Beach Library, and Carver Ranches Library.
- In FY22, \$103,000 is allocated for maintenance, repair, and/or replacement of HVAC and Chiller equipment at the following facilities: Public Safety Building Evidence Warehouse, Public Safety Building District 5 Office, South Regional Health Center, and Hallandale Beach Library.

**BROWARD COUNTY CAPITAL BUDGET**

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**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
General Construction Revenues	1,960,000	1,497,000	1,690,000	1,533,000	103,000	6,783,000
<b>TOTAL</b>	1,960,000	1,497,000	1,690,000	1,533,000	103,000	6,783,000

**Funding Requirements**

HVAC / Chiller Maintenance and Replacement Program	1,960,000	1,497,000	1,690,000	1,533,000	103,000	6,783,000
<b>TOTAL</b>	1,960,000	1,497,000	1,690,000	1,533,000	103,000	6,783,000

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**  
General Capital

**PROJECT**  
Security Equipment

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Security Equipment	N/A	1,899,145	0	---	845,000	MY	0	---	2,744,145

**Project Comments**

- In FY20, \$400,000 is budgeted for phase one of the Closed Circuit TV modernization program at multiple County libraries.
- In FY21, \$45,000 is allocated to replace the card readers at Government Center East and \$400,000 is budgeted for phase two of the Closed Circuit TV modernization program at multiple County libraries.

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
General Construction Revenues	0	0	400,000	445,000	0	845,000
<b>TOTAL</b>	0	0	400,000	445,000	0	845,000
<b>Funding Requirements</b>						
Security Equipment	0	0	400,000	445,000	0	845,000
<b>TOTAL</b>	0	0	400,000	445,000	0	845,000

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

General Capital

**PROJECT**

Energy Reduction Program

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Energy Reduction Program	0	0	0	---	9,500,000	MY	0	---	9,500,000

**Project Comments**

- In FY18-FY22, \$9,500,000 is provided for the implementation of an updated energy reduction program at the generally funded government facilities following the completion of an energy assessment.
- In FY17 the County entered into a "performance contract" with a vendor who will install energy improvements with a guarantee of certain level of savings that will be determined for each building after completion of the assessment. The types of energy saving projects will include HVAC, solar panels, and LED lighting.
- In FY18, \$1,500,000 is allocated for pilot LED lighting and solar panels to implement the first series of recommendations made through the energy assessment that will include solar, LED lighting, and other energy saving projects.

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
General Construction Revenues	1,500,000	1,500,000	1,500,000	2,000,000	3,000,000	9,500,000
<b>TOTAL</b>	1,500,000	1,500,000	1,500,000	2,000,000	3,000,000	9,500,000
<u>Funding Requirements</u>						
Energy Reduction Program	1,500,000	1,500,000	1,500,000	2,000,000	3,000,000	9,500,000
<b>TOTAL</b>	1,500,000	1,500,000	1,500,000	2,000,000	3,000,000	9,500,000



**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

General Capital

**PROJECT**

Judicial Complex Maintenance and Improvement Program

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Judicial Complex Electrical Maintenance Program	N/A	500,000	0	---	800,000	18	0	---	1,300,000
Judicial Complex Elevator Maintenance and Improvement Program	N/A	1,050,000	0	---	3,780,000	MY	0	---	4,830,000
Judicial Complex Facilities Improvement Program	N/A	125,430	0	---	2,029,000	MY	0	---	2,154,430
Judicial Complex Maintenance Program	N/A	195,000	0	---	450,000	MY	0	---	645,000
Judicial Complex Paint and Seal Program	N/A	0	0	---	1,715,000	MY	0	---	1,715,000
Judicial Complex Carpeting Program	N/A	0	0	---	720,000	MY	0	---	720,000
Judicial Complex Security Equipment Program	0	226,000	0	---	0	---	375,000	18	601,000
Judicial Complex HVAC Maintenance Program	N/A	710,000	0	---	53,000	MY	0	---	763,000
Judicial Complex Roof Replacement Program	N/A	0	0	---	800,000	MY	0	---	800,000

**Project Comments**

- The County provides an annual allocation for the continual maintenance and improvement of its judicial facilities through the Judicial Complex Maintenance and Improvement Program. Facilities include the North Regional Courthouse, West Regional Courthouse, South Regional Courthouse, and the main Judicial Complex.
- In FY18, \$800,000 is provided to replace the Main Switchgear and floor electrical receptacles in all of the courtrooms at the Judicial Complex North Tower.
- In FY18-22, \$3.8 million is allocated for continued elevator modernization and maintenance at the Judicial Complex North Tower and Midrise building.
- In FY18-22, \$2 million is allocated for minor facility improvements at North Regional Courthouse, East Judicial Parking Garage, Main Judicial Complex, and to address needs that are identified during the fiscal years.
- In FY18-21, \$450,000 is allocated for repair and maintenance needs at the main Judicial Complex and to address needs that are identified during the fiscal years.

**BROWARD COUNTY CAPITAL BUDGET**

- In FY18-22, \$1.7 million is allocated for painting, pressure cleaning, and sealing to minimize the damage caused by leaks and problems caused by deteriorating walls and surfaces at the South Regional Courthouse, Main Judicial Complex, East Judicial Parking Garage, South Regional Courthouse Parking Garage, West Regional Courthouse, and North Regional Courthouse.
- \$720,000 is allocated for the replacement of worn, discolored, and unsightly carpet and tile at the main Judicial Complex and South Regional Courthouse.
- \$53,000 is allocated for the repairs and regularly scheduled maintenance of heating, ventilation, and air conditioning (HVAC) equipment at the North Regional Courthouse, Main Judicial Complex, and East Judicial Parking Garage. A regular maintenance schedule improves reliability and provides better control of indoor climate.
- \$375,000 is allocated for additional card readers and the upgrade and replacement of cameras at the Regional Courthouses and Main Judicial Complex.
- In FY19-22, \$800,000 is allocated for roof replacement at the West Regional Courthouse and Midrise Building.

**Funding Schedule**

<b><u>Funding Sources</u></b>	<b><u>FY18</u></b>	<b><u>FY19</u></b>	<b><u>FY20</u></b>	<b><u>FY21</u></b>	<b><u>FY22</u></b>	<b><u>TOTAL</u></b>
General Construction Revenues	3,404,000	2,565,000	2,073,000	495,000	2,185,000	10,722,000
<b>TOTAL</b>	<b>3,404,000</b>	<b>2,565,000</b>	<b>2,073,000</b>	<b>495,000</b>	<b>2,185,000</b>	<b>10,722,000</b>

**Funding Requirements**

Judicial Complex Electrical Maintenance Program	800,000	0	0	0	0	800,000
Judicial Complex Elevator Maintenance and Improvement Program	700,000	1,050,000	870,000	0	1,160,000	3,780,000
Judicial Complex Facilities Improvement Program	1,179,000	200,000	200,000	200,000	250,000	2,029,000
Judicial Complex Maintenance Program	80,000	250,000	75,000	45,000	0	450,000
Judicial Complex Paint and Seal Program	250,000	430,000	770,000	50,000	215,000	1,715,000
Judicial Complex Carpeting Program	20,000	100,000	150,000	200,000	250,000	720,000
Judicial Complex Security Equipment Program	375,000	0	0	0	0	375,000
Judicial Complex HVAC Maintenance Program	0	35,000	8,000	0	10,000	53,000
Judicial Complex Roof Replacement Program	0	500,000	0	0	300,000	800,000
<b>TOTAL</b>	<b>3,404,000</b>	<b>2,565,000</b>	<b>2,073,000</b>	<b>495,000</b>	<b>2,185,000</b>	<b>10,722,000</b>

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

General Capital

**PROJECT**

Emergency Operations Center Projects

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Emergency Operations Center Generator	0	0	0	---	0	---	750,000	18	750,000
Emergency Operations Center Server Room Expansion	26,677	342,414	0	---	76,000	18	0	---	445,091

**Project Comments**

- In FY18, \$750,000 is provided for the purchase of a towable portable generator for the Emergency Operations Center to act as a redundant power source in case of electrical failure during an emergency activation. The generator will be able to be transported to other facilities as needed.
- In FY18, an additional \$76,000 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.
- The Broward County Emergency Management Operations Center is located at 201 NW 84th Ave, Plantation, FL.

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
General Construction Revenues	826,000	0	0	0	0	826,000
<b>TOTAL</b>	826,000	0	0	0	0	826,000

**Funding Requirements**

Emergency Operations Center Generator	750,000	0	0	0	0	750,000
Emergency Operations Center Server Room Expansion	76,000	0	0	0	0	76,000
<b>TOTAL</b>	826,000	0	0	0	0	826,000

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**  
General Capital

**PROJECT**  
Medical Examiner Facility Projects

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Replacement Medical Examiner/Crime Lab Joint Facility	0	600,000	11,000,000	MY	96,400,000	20	0	---	108,000,000
Current Medical Examiner Facility CCTV Upgrade	0	0	0	---	0	---	96,000	18	96,000
County Facility Planning	0	0	0	---	0	---	3,700,000	MY	3,700,000

**Project Comments**

- In FY18-20, \$107,400,000 is budgeted for design and construction of a replacement Medical Examiner Facility. Due to programmatic similarities, the facility will be co-located with the Broward Sheriff's Office Crime Lab. Currently estimated at a cost of \$108 million, this project is too costly to be funded on a pay-as-you-go basis. The County plans to finance this project by pledging non-ad valorem revenues as support for the debt issuance.
- The current facility was built in 1973 and is approaching the end of its useful life. It is located at 5301 SW 31 Avenue in Fort Lauderdale. In FY17, seven acres located on the west side of NW 23rd Avenue at NW 17th Street in Fort Lauderdale were purchased from the Broward County School Board for the replacement facility.
- In FY20-22, \$3,700,000 is budgeted for planning related to development of additional County facilities on the land acquired in FY17.
- In FY18, \$96,000 is programmed to replace and upgrade the existing external Closed Circuit Video Cameras at the current Medical Examiner Facility.

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
General Construction Revenues	3,096,000	0	0	1,000,000	2,700,000	6,796,000
Financing for Medical Examiner and Crime Lab Replacement Facility	0	8,000,000	96,400,000	0	0	104,400,000
<b>TOTAL</b>	3,096,000	8,000,000	96,400,000	1,000,000	2,700,000	111,196,000

**Funding Requirements**

Replacement Medical Examiner/Crime Lab Joint Facility	3,000,000	8,000,000	96,400,000	0	0	107,400,000
County Facility Planning	0	0	0	1,000,000	2,700,000	3,700,000
Current Medical Examiner Facility CCTV Upgrade	96,000	0	0	0	0	96,000
<b>TOTAL</b>	3,096,000	8,000,000	96,400,000	1,000,000	2,700,000	111,196,000

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

General Capital

**PROJECT**

Thomas Street Remodel

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Thomas Street Warehouse Renovation	51,013	1,422,791	0	----	615,000	18	0	----	2,088,804

**Project Comments**

- The Thomas Street Building is located at 2326 Thomas Street in Hollywood, Florida.
- The Facilities Maintenance Division will relocate their southwest shop to this location and will sell their current shop location at Griffin Road/Pine Island Road. Real Property currently estimates the value of the Griffin Road/Pine Island Road property at \$3,500,000. Formal appraisals have not been conducted as of this date.
- Additional funding in the amount of \$615,000 is provided in FY18 for renovation of the Thomas Street building. Repairs and upgrades are required to enable the building to be utilized as a Facilities Maintenance shop.
- Additional funding is budgeted to replace the roof, construct a permanent emergency generator enclosure and hookup, and additional site work identified during the design phase.

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
General Construction Revenues	615,000	0	0	0	0	615,000
<b>TOTAL</b>	615,000	0	0	0	0	615,000

**Funding Requirements**

Construction	615,000	0	0	0	0	615,000
<b>TOTAL</b>	615,000	0	0	0	0	615,000

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**  
General Capital

**PROJECT**  
County Facilities Demolition

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
County Facilities Demolition	0	300,000	0	---	0	---	1,900,000	18	2,200,000

**Project Comments**

- An additional \$1,900,000 is allocated in FY18 for the demolition of various Broward County facilities.
- All of the facilities will be at their end of useful life in FY18.

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
General Construction Revenues	1,900,000	0	0	0	0	1,900,000
<b>TOTAL</b>	1,900,000	0	0	0	0	1,900,000

**Funding Requirements**

County Facilities Demolition	1,900,000	0	0	0	0	1,900,000
<b>TOTAL</b>	1,900,000	0	0	0	0	1,900,000

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

General Capital

**PROJECT**

Courthouse Renovation Projects

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Courtroom Evidence Presentation Equipment	0	0	0	---	0	---	375,000	18	375,000
Judicial Complex East Wing Renovation	337,472	25,609,528	0	---	11,224,000	18	0	---	37,171,000
Judicial Complex North Wing Clerk of Court Renovation	0	0	550,000	18	0	---	0	---	550,000
Judicial Complex North Wing Exterior Elevators	0	0	125,000	20	1,152,000	21	0	---	1,277,000
West Regional Courthouse Clerk of Court Renovation	0	2,617,348	0	---	362,000	18	0	---	2,979,348

**Project Comments**

- In FY18, \$375,000 is allocated for the installation of monitors, projectors, document cameras, and media playback equipment in each of the 24 courtrooms in the North Wing of the Broward County Judicial Complex in order to enhance the ability to present digital evidence during court proceedings.
- In FY18, an additional \$11,224,000 is budgeted for the East Wing renovation of Broward County Judicial Complex. Project will include a complete renovation of all six floors of the East Wing including new HVAC ductwork, electrical infrastructure, new finishes, and an updated space layout.
- In FY18, \$550,000 is budgeted to renovate portions of the Broward County Judicial Complex North Wing's first floor for the relocation of Clerk of Courts Felony Division and printing functions from their current locations in the East Wing.
- In FY20-21, \$1,277,000 is allocated to design and construct an exterior elevator at the North Wing building to provide for private and secure transportation of in-custody juveniles.
- In FY18, an additional \$362,000 is budgeted for the renovation of Clerk of Court's Civil and Marriage Divisions at the West Regional Courthouse. Additional funding is budgeted for the remodel of the building's security checkpoint and additional plumbing renovations in preparation for the renovation of the Judicial Suites.

**BROWARD COUNTY CAPITAL BUDGET**

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**Funding Schedule**

<b><u>Funding Sources</u></b>	<b><u>FY18</u></b>	<b><u>FY19</u></b>	<b><u>FY20</u></b>	<b><u>FY21</u></b>	<b><u>FY22</u></b>	<b><u>TOTAL</u></b>
General Construction Revenues	12,511,000	0	125,000	1,152,000	0	13,788,000
<b>TOTAL</b>	12,511,000	0	125,000	1,152,000	0	13,788,000
<b><u>Funding Requirements</u></b>						
Courtroom Evidence Presentation Equipment	375,000	0	0	0	0	375,000
Judicial Complex East Wing Renovation	11,224,000	0	0	0	0	11,224,000
Judicial Complex North Wing Clerk of Court Renovation	550,000	0	0	0	0	550,000
Judicial Complex North Wing Exterior Elevators	0	0	125,000	1,152,000	0	1,277,000
West Regional Courthouse Clerk of Court Renovation	362,000	0	0	0	0	362,000
<b>TOTAL</b>	12,511,000	0	125,000	1,152,000	0	13,788,000



**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

General Capital

**PROJECT**

Human Services Projects

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Broward Addiction Recovery Center (BARC) Booher Security and Entrance Remodel	0	396,650	0	---	51,000	18	0	---	447,650
Nancy J. Cotterman Center Replacement Facility	414,581	10,824,834	0	---	1,148,000	19	0	---	12,387,415

**Project Comments**

- In FY18, an additional \$51,000 is allocated for the BARC Booher facility renovation to address entry sequence remodeling to include security and a lobby addition to ensure client privacy and limit contaminants and parasite infestation. This project will improve functionality of the main entrance operational sequence, improve privacy, and address the infection control concerns at the door before the clients enter the facility.
- The BARC Stephen R. Booher Facility is located at 3275 NW 99th Way in Coral Springs.
- Additional funding in the amount of \$1,148,000 is provided in FY19 for construction of the 23,700 square foot replacement Nancy J. Cotterman Sexual Assault Treatment Center.
- The current facility is 62 years old and located at 400 NE 4th Street in Fort Lauderdale.

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
General Construction Revenues	51,000	1,148,000	0	0	0	1,199,000
<b>TOTAL</b>	51,000	1,148,000	0	0	0	1,199,000

**Funding Requirements**

Broward Addiction Recovery Center (BARC) Booher Security and Entrance Remodel	51,000	0	0	0	0	51,000
Nancy J. Cotterman Center Replacement Facility	0	1,148,000	0	0	0	1,148,000
<b>TOTAL</b>	51,000	1,148,000	0	0	0	51,000

**Operating Budget Impact**

Nancy J. Cotterman Replacement Facility

Annual Cost: 131,000

First Year of Operation: 2020

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

General Capital

**PROJECT**

Boys and Girls Club Repairs & Maintenance

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Boys and Girls Clubs - Repairs and Maintenance	656,089	556,559	0	---	1,089,000	MY	0	---	2,301,648

**Project Comments**

- The County is contractually responsible for certain costs related to three Boys and Girls Club facilities.
- The County owns two of the three buildings and leases the third from the City of Lauderdale for \$1 per year per the agreement with the Club.
- These buildings are located at 2205 S.W. 44th Avenue in West Park (Carver Ranches Club), 3025 W. Broward Blvd. in Ft. Lauderdale (Harold Reitman Club), and 5455 NW 19th St. in Lauderdale (Lauderhill Club).
- Funding in the amount of \$365,200 is provided in fiscal year 2018 for repairs and capital maintenance of the three Boys and Girls Club buildings.
- Carver Club projects: Gym bleachers, new scoreboard for gym, kitchen renovation, installation of new tile, repair basketball court wall and foundation, install showers on pool deck, new parking lot lighting, and new fence mesh and pole lighting for pool.
- Lauderdale Club projects: Resurface/reseal of parking lot, renovation of game rooms, remodeling of bathrooms, and the purchase of a maintenance vehicle.
- Reitman Club projects: Exterior gym bleachers, replace acoustical ceiling tiles, replace tiles and cove base on second floor, reset brick pavers at main entrance, and install additional water fountain and plumbing.
- In FY19-22, funding is allocated for maintenance and repairs based upon an annual review of the Boys and Girls Club five year Capital Plan submitted to the County.

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
General Construction Revenues	365,200	180,700	81,000	175,500	286,600	1,089,000
<b>TOTAL</b>	365,200	180,700	81,000	175,500	286,600	1,089,000

**Funding Requirements**

Boys and Girls Clubs - Repairs and Maintenance	365,200	180,700	81,000	175,500	286,600	1,089,000
<b>TOTAL</b>	365,200	180,700	81,000	175,500	286,600	1,089,000

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

General Capital

**PROJECT**

Fleet Services Projects

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Fleet Services #2 Gasoline Tank Replacement	0	0	0	---	0	---	500,000	18	500,000
Fleet Services #3 and #8 Shop Floor Resurfacing	0	0	0	---	0	---	300,000	18	300,000
Fleet Services Vehicle and Equipment Replacement Program	0	0	0	---	0	---	11,875,000	MY	11,875,000

**Project Comments**

- In FY18, \$500,000 is budgeted to remove three underground fuel tanks and replace them with above ground tanks with a total capacity of 26,000 gallons at Fleet Service Center #2 in Fort Lauderdale.
- In FY18, \$300,000 is budgeted for pressure washing, acid etching, polishing, hardening, and sealing the shop floors at Fleet Service Centers #3 in Pompano Beach and #8 in Unincorporated Broward.
- In FY18-22, \$11,750,000 is budgeted to replace vehicles and special purpose equipment for generally funded agencies that were part of the capital recovery program. The program is partially supported by revenues from sale of surplus vehicles.
- The replacement program provides for the annual purchase of up to 100 vehicles and pieces of special purpose equipment based on age, mileage, and condition criteria managed by Fleet Services. County vehicles and equipment within the program are re-assessed on an annual basis to determine the best use of funds for replacement. The following list is an approximated schedule of replacements and all final decisions remain with Fleet Services on whether replacement occurs.
- In FY18, funds are provided for the following vehicle and special equipment replacements:
  - Parks and Recreation: up to 16 general purpose vehicles and 26 pieces of equipment
  - Clerk of Courts: up to 2 general purpose vehicles
  - Human Services: up to 4 general purpose vehicles
  - Animal Care: up to 5 general purpose vehicles
  - Facilities Management: up to 9 general purpose vehicles and 2 pieces of equipment
  - Mosquito Control: up to 6 general purpose vehicles and 2 pieces of equipment
  - Environmental Protection: up to 3 general purpose vehicles
  - Purchasing: up to 3 pieces of equipment
- All vehicles and equipment included in the FY18 program have met Fleet Division's replacement criteria.

**BROWARD COUNTY CAPITAL BUDGET**

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**Funding Schedule**

<b><u>Funding Sources</u></b>	<b><u>FY18</u></b>	<b><u>FY19</u></b>	<b><u>FY20</u></b>	<b><u>FY21</u></b>	<b><u>FY22</u></b>	<b><u>TOTAL</u></b>
General Construction Revenues	2,637,500	1,968,750	2,056,250	2,165,620	2,362,500	11,190,620
Sale of Surplus Vehicles Revenues	262,500	281,250	293,750	309,380	337,500	1,484,380
<b>TOTAL</b>	<b>2,900,000</b>	<b>2,250,000</b>	<b>2,350,000</b>	<b>2,475,000</b>	<b>2,700,000</b>	<b>12,675,000</b>
<b><u>Funding Requirements</u></b>						
Fleet Services #2 Gasoline Tank Replacement	500,000	0	0	0	0	500,000
Fleet Services #3 and #8 Shop Floor Resurfacing	300,000	0	0	0	0	300,000
Fleet Services Vehicle and Equipment Replacement Program	2,100,000	2,250,000	2,350,000	2,475,000	2,700,000	11,875,000
<b>TOTAL</b>	<b>2,900,000</b>	<b>2,250,000</b>	<b>2,350,000</b>	<b>2,475,000</b>	<b>2,700,000</b>	<b>12,675,000</b>

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

General Capital

**PROJECT**

Government Center East Replacement

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Government Center East Replacement	0	3,500,000	9,850,000	MY	0	---	0	---	13,350,000

**Project Comments**

- In FY18-22, \$9,850,000 is allocated for programming and design of the replacement Government Center East complex. The land acquisition costs for the new complex are partially supported by the proceeds from the sale of the BARC Central and Nancy J. Cotterman Center facilities once these operations move to their new facilities.
- The replacement facility will likely be too costly to fund on a pay-as-you-go basis, so issuance of non-ad valorem supported debt service may be necessary. The sale of the existing Government Center parcel and the taxes resulting from returning the land to the tax roll will help offset the debt service cost.
- As part of the planning process, a study is underway to review space requirements for the new building and to determine if any services provided at Government Center West need to be moved to the new complex.
- Discussions are ongoing with the city of Fort Lauderdale staff to determine if a joint use facility could be designed to house both city and county staff.
- The current facility is 70 years old and located at 115 S. Andrews Avenue in Fort Lauderdale.

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
Sale of Surplus Property	1,750,000	4,100,000	0	0	0	5,850,000
General Construction Revenues	0	0	0	2,000,000	2,000,000	4,000,000
<b>TOTAL</b>	1,750,000	4,100,000	0	2,000,000	2,000,000	9,850,000

**Funding Requirements**

Government Center East Replacement	1,750,000	4,100,000	0	2,000,000	2,000,000	9,850,000
<b>TOTAL</b>	1,750,000	4,100,000	0	2,000,000	2,000,000	9,850,000

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**  
General Capital

**PROJECT**  
Broward County Integrated Water Resource Plan

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design		Construction		Other		
			FY	FY	FY	FY	FY	FY	
Integrated Water Resource Plan	7,148,557	2,351,084	1,020,000	MY	730,000	MY	0	---	11,249,641

**Project Comments**

- The purpose of the Integrated Water Resource Program (IWRP) is to increase the efficiency of local water resource management. IWRP capital projects serve to reduce reliance on the regional system consistent with the Regional Water Availability Rule adopted by the South Florida Water Management District. This rule restricts withdrawals from the Biscayne Aquifer to levels measured prior to April 2006 and requires development of alternative water supplies to meet future needs.
- In FY18-FY20, \$480,000 is budgeted to fund the development of a Countywide inundation model by expanding upon existing data from an urban runoff package developed by the United States Geological Survey for Broward County and a surface ground/variable density model to improve the representation of the County's surface and groundwater interface.
- In FY18-22, \$250,000 is budgeted for the expansion of the saltwater monitoring network.
- In FY18-22, \$1,020,000 is budgeted for the design of reclaimed water projects that reduce demands on the Biscayne Aquifer in accordance with the Broward Regional Reuse Master Plan.

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
General Construction Revenues	350,000	350,000	350,000	350,000	350,000	1,750,000
<b>TOTAL</b>	350,000	350,000	350,000	350,000	350,000	1,750,000

**Funding Requirements**

Inundation Modeling	180,000	180,000	120,000	0	0	480,000
Saltwater Intrusion Monitoring Network	50,000	50,000	50,000	50,000	50,000	250,000
Reclaimed Water Supply	120,000	120,000	180,000	300,000	300,000	1,020,000
<b>TOTAL</b>	350,000	350,000	350,000	350,000	350,000	1,750,000

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

General Capital

**PROJECT**

Information Technology Agency Automation

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
IT Projects/Agency Automation	N/A	N/A	0	---	0	---	2,000,000	MY	2,000,000

**Project Comments**

- FY19-22 funding of \$2 million is allocated to specific projects based on hardware lifecycle and necessity for upgraded technology.

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
General Construction Revenues	0	500,000	500,000	500,000	500,000	2,000,000
<b>TOTAL</b>	0	500,000	500,000	500,000	500,000	2,000,000
<b>Funding Requirements</b>						
IT Projects/Agency Automation	0	500,000	500,000	500,000	500,000	2,000,000
<b>TOTAL</b>	0	500,000	500,000	500,000	500,000	2,000,000

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**  
General Capital

**PROJECT**  
Information Technology Infrastructure Projects

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Intrusion Prevention System	0	0	0	---	0	---	128,000	18	128,000
Replacement of Storage Area Network	0	0	0	---	0	---	625,000	18	625,000
Enterprise Backup Expansion	0	0	0	---	0	---	275,000	18	275,000
Data Communication and Switch Replacement	N/A	425,694	0	---	0	---	1,860,000	MY	2,285,694
General Fund Computer Replacements (excluding Libraries)	N/A	879,820	0	---	0	---	4,458,250	MY	5,338,070
Server Replacements	N/A	484,349	0	---	0	---	1,514,000	MY	1,998,349
VoIP Telephone Infrastructure Replacement	N/A	114,000	0	---	0	---	554,100	MY	668,100
Enterprise Resource Planning	29,584,675	23,023,691	0	---	0	---	13,591,640	MY	66,200,006
Future Projects	N/A	N/A	0	---	0	---	3,226,900	MY	3,226,900

**Project Comments**

The following Enterprise Technology Services projects are funded in FY18-22:

- \$128,000 is allocated to replace two of the County's four Intrusion Prevention System devices in order to provide updated protection against modern threats.
- \$625,000 is allocated to replace 24 pieces of Storage Area Network equipment which have reached end-of-life and end-of-warranty with more efficient technology.
- \$275,000 is allocated to expand the County's current data backup and continuity of business solution, which has reached capacity and maintains daily backups of critical County applications.
- \$1,860,000 is allocated for Enterprise Data Communications Switch Replacement. This will replace data communication devices at the end of useful life with newer models.
- \$4,458,250 is allocated for the replacement of laptop and desktop computers in generally funded agencies, excluding libraries.
- \$1,514,000 is allocated for replacement of servers that have exceeded their useful life.
- \$554,100 is allocated to replace end-of-life VoIP servers that support the County's telephone system.



**BROWARD COUNTY CAPITAL BUDGET**

- \$13,591,640 is allocated in FY18-19 for the Enterprise Resource Planning (ERP) IT capital project. There are three major rollouts included in this project which are: Financials and Purchasing, Human Capital Management and Budget Planning, and Performance Measurement. Each rollout has funding allocated for vendor one-time and recurring costs, a third party assurance firm, and other project costs. 25 capital positions are budgeted in the ERP project management office. Of the \$13.6m, \$5.5m is funded by self supporting funds.
- Rollout 1 of the ERP project was completed in 2016. Funds allocated in FY18 and FY19 will be used to fund rollouts 2 and 3.
- In FY19-22 funding of \$3.2 million for IT infrastructure projects will be allocated to specific projects based on hardware lifecycle and necessity for upgraded technology.

**Funding Schedule**

<b>Funding Sources</b>	<b>FY18</b>	<b>FY19</b>	<b>FY20</b>	<b>FY21</b>	<b>FY22</b>	<b>TOTAL</b>
General Construction Revenues	9,503,220	3,778,120	2,500,000	2,500,000	2,500,000	20,781,340
Agency Reimbursement for ERP	5,451,820	0	0	0	0	5,451,820
<b>TOTAL</b>	<b>14,955,040</b>	<b>3,778,120</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>26,233,160</b>

**Funding Requirements**

Intrusion Prevention System	128,000	0	0	0	0	128,000
Replacement of Storage Area Network	625,000	0	0	0	0	625,000
Enterprise Backup Expansion	275,000	0	0	0	0	275,000
Data Communication and Switch Replacement	372,000	372,000	372,000	372,000	372,000	1,860,000
General Fund Computer Replacements (excluding Libraries)	1,058,520	850,000	850,000	850,000	850,000	4,458,520
Server Replacements	114,000	350,000	350,000	350,000	350,000	1,514,000
VoIP Telephone Infrastructure Replacement	69,000	121,275	121,275	121,275	121,275	554,100
Future Projects	0	806,725	806,725	806,725	806,725	3,226,900
Enterprise Resource Planning	12,313,520	1,278,120	0	0	0	13,591,640
<b>TOTAL</b>	<b>14,955,040</b>	<b>3,778,120</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>26,233,160</b>

**Operating Budget Impact**

Intrusion Prevention System

Annual Cost: 16,500      First Year of Operation: 2019

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

General Capital

**PROJECT**

Office of Regional Communications and Technology

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
P25 Radio Analyzers	0	330,000	0	---	0	---	135,400	18	465,400
Radio Tower Maintenance	N/A	291,362	0	---	0	---	750,000	MY	1,041,362
UPS Replacement for County's Mission Critical Tower Sites	48,105	471,895	0	---	0	---	350,000	MY	870,000
Generator Replacement for County's Mission Critical Tower Sites	87,746	242,253	0	---	0	---	80,000	18	409,999
ORCAT Capital Project Support Costs	209,198	83,240	0	---	0	---	91,570	18	384,008
Mobile Data Terminals - Spare Parts	19,712	80,288	0	---	0	---	97,000	18	197,000

**Project Comments**

- In FY18, an additional \$135,400 is budgeted for the purchase of P25 Radio Analyzers to support the Local Government and Public Safety radios and infrastructure. The analyzers will assist with diagnosing radio equipment for faults and problems.
- \$750,000 is funded in FY18-22 for the maintenance of the radio tower infrastructure. There are currently 13 radio towers throughout Broward County.
- \$350,000 is funded in FY18-19 for continued replacement of UPS systems that support the County's mission critical radio communications tower sites.
- \$80,000 is funded in FY18 for continued replacement of generators that support the County's mission critical radio communications tower sites.
- In FY18, one position is budgeted to help support ongoing ORCAT capital projects.
- An additional \$97,000 is budgeted in FY18 for spare parts for the Mobile Data Terminals used by Broward County first responders.

**BROWARD COUNTY CAPITAL BUDGET**

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**Funding Schedule**

<b><u>Funding Sources</u></b>	<b><u>FY18</u></b>	<b><u>FY19</u></b>	<b><u>FY20</u></b>	<b><u>FY21</u></b>	<b><u>FY22</u></b>	<b><u>TOTAL</u></b>
General Construction Revenues	743,970	310,000	150,000	150,000	150,000	1,503,970
<b>TOTAL</b>	<b>743,970</b>	<b>310,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>1,503,970</b>
<b><u>Funding Requirements</u></b>						
P25 Analyzers	135,400	0	0	0	0	135,400
Radio Tower Maintenance	150,000	150,000	150,000	150,000	150,000	750,000
Uninterrupted Power Source (UPS) Replacement for County's Mission Critical Tower Sites	190,000	160,000	0	0	0	350,000
Generator Replacement for County's Mission Critical Tower Sites	80,000	0	0	0	0	80,000
ORCAT Capital Project Support Costs	91,570	0	0	0	0	91,570
Mobile Data Terminals - Spare Parts	97,000	0	0	0	0	97,000
<b>TOTAL</b>	<b>743,970</b>	<b>310,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>1,503,970</b>

**PROGRAM**  
General Capital

**PROJECT**  
Project Management Expenses

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Construction Management Division	N/A	N/A	0	---	0	---	17,666,380	MY	17,666,380
Facilities Maintenance Capital Project Management	N/A	N/A	0	---	0	---	9,685,750	MY	9,685,750
Parks & Recreation Capital Project Management	N/A	N/A	0	---	0	---	1,948,470	MY	1,948,470
Cost Allocation	N/A	N/A	0	---	0	---	5,190,100	MY	5,190,100
Parks Bond Administration	N/A	N/A	0	---	0	---	774,690	18	774,690
Land Stewardship Program	N/A	N/A	0	---	0	---	122,910	18	122,910
Library Bond Administration	N/A	N/A	0	---	0	---	13,480	18	13,480
Courthouse Bond Administration	N/A	N/A	0	---	0	---	727,980	MY	727,980
Enterprise Technology Services Project Management	N/A	N/A	0	---	0	---	290,850	MY	290,850
County Operated Facility Inspections	N/A	N/A	0	---	0	---	2,106,250	MY	2,106,250

**Project Comments**

- Funding is provided in FY18 through FY22, in the General Capital Fund, to support 21 positions in the Construction Management Division budget and the Public Works Assistant Director. One additional position is partially supported by the library bond program funded with bond interest income. Two additional positions support the courthouse capital project funded with Courthouse Bond fund balance. Two additional positions are supported with a transfer from Transit Capital Fund. For FY18, there are a total of 26 positions in the Construction Management Division, including two project management positions added for FY18.
- In FY18 one position is added to support the implementation of Building Information Modeling (BIM) across various County agencies. In FY18-22, \$550,000 is also allocated for professional services and training costs related to developing a training curriculum and preliminary standards for the implementation.
- Funding is provided in FY18 through FY22, in the General Capital Fund, for 18 project manager positions in the Facilities Maintenance Division. There are also 10 trades positions charged directly to the projects they work on in generally funded facilities.

**BROWARD COUNTY CAPITAL BUDGET**

- Funding is provided in FY18 through FY22, in the General Capital Fund, to support three Parks Capital Project Manager positions in the Highway Construction and Engineering Division. In FY18, six positions supporting the Parks and Open Space Bond Program are funded with fund balance for a total of nine positions in the Highway Construction and Engineering Division. Starting in FY19, positions previously budgeted in the bond program will transition to the General Capital Outlay Fund and the Engineering Capital Outlay Fund. In FY18, fund balance will fund the bond program's share of the cost allocation plan.
- Funding is provided in FY18 through FY22, in the General Capital Fund, to support one position in the Enterprise Technology Services Division to manage the Computer Replacement program.
- The Land Stewardship program was established in FY09. The \$122,910 for FY18 funds the cost of one position and operating expenses for the close out of the Land Stewardship Program. The Land Stewardship Program provided grant funding for the ecological restoration of natural lands, matching dollars for development of bond-acquired sites, and continued oversight of the 2000 Safe Parks and Land Preservation Bond program acquired sites.
- Funding is provided in FY18 through FY22 for six positions to assess the condition of various County facilities.

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
General Construction Revenues	6,929,690	7,343,870	7,304,370	7,081,770	7,074,650	35,734,350
Library Bond Fund	14,190	0	0	0	0	14,190
Parks and Land Bond Fund	897,600	0	0	0	0	897,600
Courthouse Bond Fund	415,710	312,270	0	0	0	727,980
Reimbursement from Transit Capital Fund	217,260	223,780	230,490	237,400	244,520	1,153,450
Less Five Percent	(710)	0	0	0	0	(710)
<b>TOTAL</b>	<b>8,473,740</b>	<b>7,879,920</b>	<b>7,534,860</b>	<b>7,319,170</b>	<b>7,319,170</b>	<b>38,526,860</b>

**Funding Requirements**

Construction Management Division	3,409,170	3,463,040	3,631,390	3,581,390	3,581,390	17,666,380
Facilities Maintenance Capital Project Management	1,937,150	1,937,150	1,937,150	1,937,150	1,937,150	9,685,750
Parks & Recreation Capital Project Management	283,190	650,020	448,880	283,190	283,190	1,948,470
Cost Allocation	1,038,020	1,038,020	1,038,020	1,038,020	1,038,020	5,190,100
Parks Bond Administration	774,690	0	0	0	0	774,690
Land Stewardship Program	122,910	0	0	0	0	122,910
Library Bond Administration	13,480	0	0	0	0	13,480
Courthouse Bond Administration	415,710	312,270	0	0	0	727,980
Enterprise Technology Services Project Management	58,170	58,170	58,170	58,170	58,170	290,850
County Operated Facility Inspections	421,250	421,250	421,250	421,250	421,250	2,106,250
<b>TOTAL</b>	<b>8,473,740</b>	<b>7,879,920</b>	<b>7,534,860</b>	<b>7,319,170</b>	<b>7,319,170</b>	<b>38,526,860</b>

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

General Capital

**PROJECT**

Reserves and Transfers

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Reserve for Project Commitments	N/A	N/A	0	---	0	---	12,396,030	MY	12,396,030
Reserve for Contingencies	N/A	N/A	0	---	0	---	10,089,660	MY	10,089,660

**Project Comments**

- The \$11.2 million Reserve for Project Commitments includes funds carried over from year to year to fund projects in future years of the FY18-22 capital program. The entire FY18 \$11.2 million reserve is spent down over the life of the five year program.
- A Reserve for Contingencies is budgeted annually to accommodate unanticipated generally-funded project needs.

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
General Construction Revenues	13,198,860	2,666,450	2,331,000	2,199,720	2,089,660	22,485,690
<b>TOTAL</b>	13,198,860	2,666,450	2,331,000	2,199,720	2,089,660	22,485,690
<u>Funding Requirements</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
Reserve for Project Commitments	11,198,860	666,450	331,000	199,720	0	12,396,030
Reserve for Contingencies	2,000,000	2,000,000	2,000,000	2,000,000	2,089,660	10,089,660
<b>TOTAL</b>	13,198,860	2,666,450	2,331,000	2,199,720	2,089,660	22,485,690

**GENERAL CAPITAL PROGRAM**

**FUND SUMMARY**

Funding for the FY18-22 general capital program includes the General Capital Outlay Fund, the Library Bond Fund, the Parks/Land Bond Fund, the Courthouse Bond Fund, and the Parks Impact Fee Trust Fund.

In FY18, the General Capital Outlay Fund is primarily supported by fund balance, interest income, transfers from other funds, and ad valorem (property) taxes. The Library and Parks/Land Bond Funds are supported with interest earnings and fund balance; the Courthouse Bond Fund is supported with fund balance, and the Parks Impact Fee Trust Fund is supported with fund balance and regional fees.

The General Capital program for FY18 is summarized below as follows:

General Capital Outlay Fund (30205)	93,923,900
Library Bond Fund (35050)	13,480
Parks and Land Bond Fund (35060)	3,753,770
Courthouse Bond Fund (35010)	415,710
Park Impact Fee Trust Fund (30225)	2,400,000
<b>Subtotal</b>	<b>\$100,506,860</b>
Less Internal Transfers	(\$2,400,000)
<b>TOTAL</b>	<b>\$98,106,860</b>

**CAPITAL OUTLAY FUND****General Capital Outlay (30205)**

<b>REVENUES</b>	<b><u>FY18</u></b>
Ad Valorem Taxes	30,478,080
Interest Income	2,700,000
Less Five Percent	(1,658,900)
Young at Art Annual Rent	350,000
Sale of BARC Central Building	1,750,000
Sale of Surplus Vehicles and Equipment	262,500
Transfer from Parks Target Range	13,140
Municipal Reimbursements for Coastal Flood Map	360,000
Transfer from Agencies for Enterprise Resource Planning	5,451,820
Reimbursement from Transit Capital Fund	217,260
Transfer from Everglades Holiday Park Fund	500,000
Transfer from Parks Impact Fees	2,400,000
Transfer from General Fund	24,200,000
Fund Balance	26,900,000
<b>TOTAL</b>	<b>\$93,923,900</b>

**APPROPRIATIONS**

Library Computer Replacement Program	450,000
Library Furniture Replacement Program	550,000
Library Refresh Program	1,027,000
Library Network Security Enhancements	52,000
Library Document Stations	85,000
Provisioning Central Management of Library Public Computers	550,000
Library Servers and Switches Replacement	150,000
Parks Building Maintenance	334,580
Parks Facilities Improvement	1,509,980
Parks Street Lighting Repair/Replacement	306,700
Parks Fencing Repair/Replacement	208,000
Parks Road Resurfacing	446,160
Parks Playground Replacement	364,000
Parks Pool Repair	416,000
Parks Restroom Repair/Renovation	208,000
Parks Roof Repair/Replacement	381,060
Parks Shading Structures	208,000
Parks Underground Utilities	441,580
Parks Sports Fields	208,000
Parks Mountain Bike Trail Improvements	17,000
Parks ADA Team	385,920
Deerfield Island Boardwalk	962,000



**BROWARD COUNTY CAPITAL BUDGET**

Fern Forest Exhibits	155,000
CB Smith Aquatics Building	300,000
Everglades Holiday Park Levee	821,000
Parks Administration Complex Improvements	1,800,000
Miramar Pineland Improvements	1,900,000
Everglades Holiday Park Phase II	2,071,000
Corrections Maintenance	678,500
Public Safety Building Maintenance	345,000
Fire Station Maintenance	45,000
BSO Fleet Facility Maintenance	50,000
Paul Rein Roof Replacement	2,200,000
Carpet and Tile Replacement Program	1,117,000
Facilities Improvement Program	1,512,000
Facilities Maintenance Program	1,015,000
Paint and Seal Program	400,000
Elevator Maintenance and Improvement Program	409,000
Roofing Repair and Replacement Program	2,136,400
HVAC/Chiller Maintenance and Replacement Program	1,960,000
Energy Reduction Program	1,500,000
Emergency Operations Center Generator	750,000
Judicial Complex Electrical Maintenance Program	800,000
Judicial Complex Elevator Maintenance and Improvement Program	700,000
Judicial Complex Facilities Improvement Program	1,179,000
Judicial Complex Maintenance Program	80,000
Judicial Complex Security Equipment Program	375,000
Judicial Complex Paint and Seal Program	250,000
Judicial Complex Carpeting Program	20,000
Judicial Complex East Wing Renovation	11,224,000
Judicial Complex North Wing Clerk of Court Renovation	550,000
Replacement Medical Examiner/Crime Lab Joint Facility	3,000,000
Current Medical Examiner Facility CCTV Upgrade	96,000
Emergency Operations Center Server Room Expansion	76,000
Thomas Street Warehouse Renovation	615,000
County Facilities Demolition	1,900,000
BARC Booher Building Security and Entrance Remodel	51,000
Boys and Girls Clubs Improvements	365,200
Fleet Services Vehicle and Equipment Replacement Program	2,100,000
Fleet Service Center #2 Gasoline Tank Replacement	500,000
Fleet Service Centers #3 and #8 Shop Floor Resurfacing	300,000
Main Jail First Appearance Courtroom Renovation	435,000
West Regional Courthouse Clerk of Court Renovation	362,000
Government Center East Replacement	1,750,000
Courtroom Evidence Presentation Equipment	375,000
Inundation Modeling	180,000
Saltwater Intrusion Monitoring Network	50,000
Reclaimed Water Supply	120,000
Information Technology Infrastructure Projects	2,641,520
Enterprise Resource Planning Project	12,313,520

**BROWARD COUNTY CAPITAL BUDGET**

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P25 Analyzers	135,400
Radio Tower Maintenance	150,000
UPS Replacement for County's Mission Critical Tower Sites	190,000
Generator Replacement for County's Mission Critical Tower Sites	80,000
ORCAT Capital Project Support Costs	91,570
Mobile Data Terminals - Spare Parts	97,000
Construction Management Division	3,409,170
Facilities Maintenance Capital Project Management	1,937,150
Parks & Recreation Capital Project Management	283,190
County Operated Facility Inspections	421,250
Cost Allocation	1,038,020
Enterprise Technology Services Project Management	58,170
Reserve for Project Commitments	11,198,860
Reserve for Contingencies	2,000,000
<b>TOTAL</b>	<b>\$93,923,900</b>

**CAPITAL OUTLAY FUND**

**Library Bond (35050)**

<b>REVENUES</b>	<b><u>FY18</u></b>
Interest Income	14,190
Less 5%	(710)
<b>TOTAL</b>	<b>\$13,480</b>
<b>APPROPRIATIONS</b>	
Library Bond Fund Administration	6,580
Cost Allocation	6,900
<b>TOTAL</b>	<b>\$13,480</b>

**CAPITAL OUTLAY FUND**

**Park and Land Preservation Bond (35060)**

<b>REVENUES</b>	<b><u>FY18</u></b>
Fund Balance - Land Stewardship Program	122,910
Fund Balance - Parks	3,630,860
<b>TOTAL</b>	<b>\$3,753,770</b>
 <b>APPROPRIATIONS</b>	
Parks Bond Administration	616,620
Land Stewardship Program	122,910
Cost Allocation	158,070
Tradewinds Park North Improvements	2,540,670
Vista View Splash Pad	315,500
<b>TOTAL</b>	<b>\$3,753,770</b>

**CAPITAL OUTLAY FUND**

**Courthouse Bond (35010)**

<b>REVENUES</b>	<b><u>FY18</u></b>
Fund Balance	415,710
<b>TOTAL</b>	<b>\$415,710</b>
<b>APPROPRIATIONS</b>	
Courthouse Bond Administration	324,710
County Attorney Charges	91,000
<b>TOTAL</b>	<b>\$415,710</b>

**CAPITAL OUTLAY FUND**

**Park Impact Fee Trust (30225)**

<b>REVENUES</b>	<b><u>FY18</u></b>
Regional Impact Fees	\$812,000
Fund Balance	\$1,588,000
<b>TOTAL</b>	<b>\$2,400,000</b>
<b>APPROPRIATIONS</b>	
Transfer to General Capital Outlay Fund (30205)	\$2,400,000
<b>TOTAL</b>	<b>\$2,400,000</b>

## **BROWARD MUNICIPAL SERVICES DISTRICT CAPITAL**

The Broward Municipal Services District (BMSD) capital program reflects funds committed to infrastructure improvements, facility improvements, local park improvements, security, support costs, and reserves in the unincorporated areas of Broward County.

This section is organized in the following manner:

	<b>Page</b>
Broward Municipal Services District Five Year Summary	3-2
Broward Municipal Services District Neighborhoods Map	3-3
Local Parks Improvements	3-5
Community Improvements	3-7
Reserves and Support Costs	3-8

BROWARD MUNICIPAL SERVICES DISTRICT CAPITAL PROGRAM

	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>
<b>REVENUES</b>					
Interest Income	300,000	0	0	0	0
Less 5%	(15,000)	0	0	0	0
Fund Balance	16,100,000	3,720,760	2,956,370	1,544,850	774,090
<b>TOTAL REVENUES</b>	<b><u>\$16,385,000</u></b>	<b><u>\$3,720,760</u></b>	<b><u>\$2,956,370</u></b>	<b><u>\$1,544,850</u></b>	<b><u>\$774,090</u></b>
<b>APPROPRIATIONS</b>					
<b><u>Local Parks Improvements</u></b>					
Lafayette Hart Parking Addition	150,000	0	0	0	0
Facilities Improvements	51,500	53,050	54,640	56,280	57,970
Security Systems	540,000	0	0	0	0
Delevoe Maintenance Building	0	0	643,990	0	0
Dillard Green Space Phase II	152,100	0	0	0	0
<b>Subtotal</b>	<b><u>893,600</u></b>	<b><u>53,050</u></b>	<b><u>698,630</u></b>	<b><u>56,280</u></b>	<b><u>57,970</u></b>
<b><u>Community Improvements</u></b>					
New Generator Fire Station 14	65,000	0	0	0	0
Miscellaneous Drainage Projects	95,000	95,000	95,000	95,000	95,000
Community Enhancements	50,000	51,500	53,050	54,640	56,280
Wireless Cameras	302,850	0	0	0	0
<b>Subtotal</b>	<b><u>512,850</u></b>	<b><u>146,500</u></b>	<b><u>148,050</u></b>	<b><u>149,640</u></b>	<b><u>151,280</u></b>
<b><u>Reserves and Support Costs</u></b>					
Cost Allocation	64,840	64,840	64,840	64,840	64,840
Reserve for Contingencies	500,000	500,000	500,000	500,000	500,000
Reserve for Future Economic Development Initiatives	10,692,950	0	0	0	0
Reserve for Programmed Projects	3,720,760	2,956,370	1,544,850	774,090	0
<b>Subtotal</b>	<b><u>14,978,550</u></b>	<b><u>3,521,210</u></b>	<b><u>2,109,690</u></b>	<b><u>1,338,930</u></b>	<b><u>564,840</u></b>
<b>TOTAL APPROPRIATIONS</b>	<b><u>\$16,385,000</u></b>	<b><u>\$3,720,760</u></b>	<b><u>\$2,956,370</u></b>	<b><u>\$1,544,850</u></b>	<b><u>\$774,090</u></b>



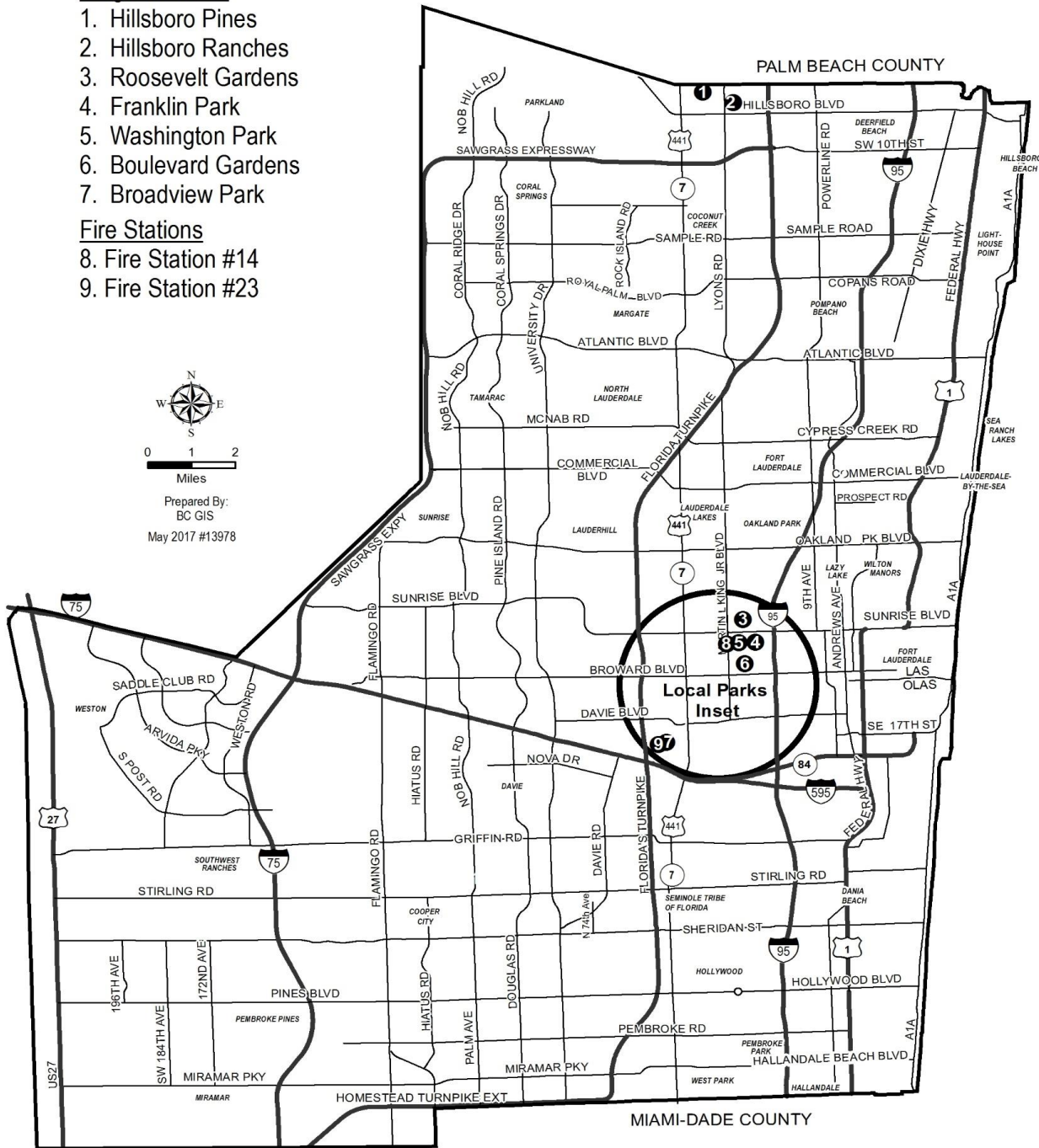
# Broward Municipal Services District County Neighborhoods

Neighborhoods

1. Hillsboro Pines
2. Hillsboro Ranches
3. Roosevelt Gardens
4. Franklin Park
5. Washington Park
6. Boulevard Gardens
7. Broadview Park

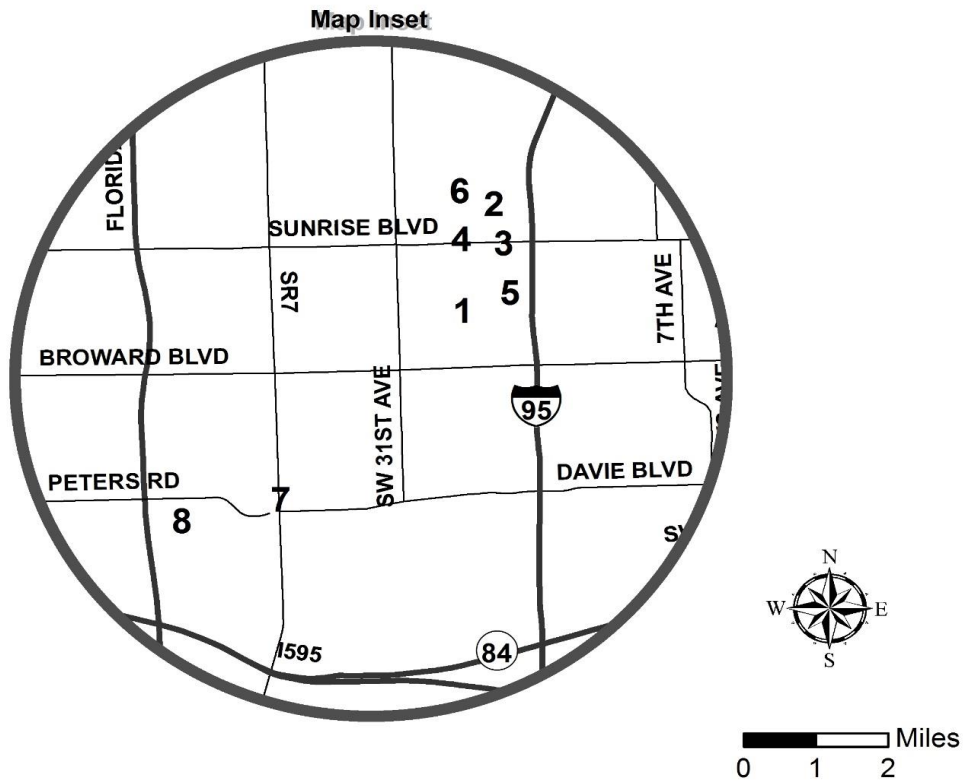
Fire Stations

8. Fire Station #14
9. Fire Station #23



# Broward Municipal Services District Local Parks/Green Spaces

- Boulevard Gardens Community Center (1)
- Dillard Green Space (2)
- Franklin Park (3)
- Lafayette Hart Park (4)
- Reverend Samuel Delevoe Memorial Park (5)
- Roosevelt Gardens Park (6)
- Sunview Park (7)
- Broadview Pocket Park(8)



Updated May 2017 #13977

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

Broward Municipal Services District Capital

**PROJECT**

Local Parks Improvements

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Lafayette Hart Parking Addition	0	0	0	---	150,000	18	0	---	150,000
Facilities Improvements	N/A	216,397	0	---	0	---	273,440	MY	489,837
Security Systems	0	0	0	---	0	---	540,000	18	540,000
Delevoe Maintenance Building	0	0	0	---	0	---	643,990	20	643,990
Dillard Green Space Phase II	0	0	0	---	152,100	18	0	---	152,100

**Project Comments**

- The Parks and Recreation Division operates and maintains six local parks in the Broward Municipal Services area.
- In FY18, \$150,000 is budgeted to construct 12-14 additional parking spaces serving Lafayette Hart Park in the Washington Park neighborhood.
- In FY18, \$540,000 is budgeted to purchase and install security cameras, additional lighting, and upgrade building security features in all six local parks.
- In FY20, \$643,990 is budgeted to replace the maintenance building at Delevoe Park, on Sistrunk Boulevard and NW 24th Avenue.
- In FY18, \$152,100 is budgeted for Phase II of the Dillard Green Space project which adds solar lighting, landscaping, irrigation and trash receptacles; located on Sunrise Boulevard and NW 27th Avenue.
- \$273,440 is programmed in FY18-22 for various facilities improvements at all six local parks in the Broward Municipal Services District areas.
- Funding is provided in FY18, for integrated Public Art, for the following project:
  - ▶ Lafayette Hart Parking Addition: \$2,500

**BROWARD COUNTY CAPITAL BUDGET**

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**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
Broward Municipal Services						
District Revenues	893,600	53,050	698,630	56,280	57,970	1,759,530
<b>TOTAL</b>	893,600	53,050	698,630	56,280	57,970	1,759,530
<b><u>Funding Requirements</u></b>						
Lafayette Hart Parking Addition	150,000	0	0	0	0	150,000
Facilities Improvements	51,500	53,050	54,640	56,280	57,970	273,440
Security Systems	540,000	0	0	0	0	540,000
Delevoe Maintenance Building	0	0	643,990	0	0	643,990
Dillard Green Space Phase II	152,100	0	0	0	0	152,100
<b>TOTAL</b>	893,600	53,050	698,630	56,280	57,970	1,759,530

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

Broward Municipal Services District Capital

**PROJECT**

Community Improvements

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
New Generator Fire Station 14	0	0	0	---	0	---	65,000	18	65,000
Miscellaneous Drainage Projects	N/A	195,000	0	---	0	---	475,000	MY	670,000
Community Enhancements	N/A	150,000	0	---	0	---	265,470	MY	415,470
Wireless Cameras	0	0	0	---	0	---	302,850	18	302,850

**Project Comments**

- In FY18, \$65,000 is budgeted to install a new permanent generator for back up electrical power at Fire Station 14.
- In FY18-22, \$475,000 is budgeted for drainage projects and improvements throughout the Broward Municipal Services District.
- In FY18-22, \$265,470 is budgeted for community enhancement projects in the Broward Municipal Services District.
- In FY18, \$302,850 is budgeted for the installation of wireless security cameras throughout the Broward Municipal Services District.

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
Broward Municipal Services District Revenues	512,850	146,500	148,050	149,640	151,280	1,108,320
<b>TOTAL</b>	512,850	146,500	148,050	149,640	151,280	1,108,320

**Funding Requirements**

New Generator Fire Station 14	65,000	0	0	0	0	65,000
Miscellaneous Drainage Projects	95,000	95,000	95,000	95,000	95,000	475,000
Community Enhancements	50,000	51,500	53,050	54,640	56,280	265,470
Wireless Cameras	302,850	0	0	0	0	302,850
<b>TOTAL</b>	512,850	146,500	148,050	149,640	151,280	1,108,320

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

Broward Municipal Services District Capital

**PROJECT**

Reserves and Support Costs

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Cost Allocation	N/A	N/A	0	---	0	---	324,200	MY	324,200
Reserve for Contingencies	N/A	N/A	0	---	0	---	2,500,000	MY	2,500,000
Reserve for Future Economic Development Initiatives	N/A	N/A	0	---	0	---	10,692,950	18	10,692,950
Reserve for Programmed Projects	N/A	N/A	0	---	0	---	8,996,070	MY	8,996,070

**Project Comments**

- A cost allocation is budgeted to reimburse the General Fund for direct and indirect costs incurred by central service and other agencies for tasks related to this capital program.
- A FY18 reserve for future economic development initiatives is budgeted to continue the County's commitment to increasing economic activity in the BMSD.
- A FY18 reserve for programmed projects of \$3,720,760 is spent down over the five-year program. A \$500,000 reserve for project contingencies is budgeted in each year.

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
Broward Municipal Services District Revenues	14,978,550	3,521,210	2,109,690	1,338,930	564,840	22,513,220
<b>TOTAL</b>	14,978,550	3,521,210	2,109,690	1,338,930	564,840	22,513,220
<b>Funding Requirements</b>						
Cost Allocation	64,840	64,840	64,840	64,840	64,840	324,200
Reserve for Contingencies	500,000	500,000	500,000	500,000	500,000	2,500,000
Reserve for Future Economic Development Initiatives	10,692,950	0	0	0	0	10,692,950
Reserve for Programmed Projects	3,720,760	2,956,370	1,544,850	774,090	0	8,996,070
<b>TOTAL</b>	14,978,550	3,521,210	2,109,690	1,338,930	564,840	22,513,220

**ENTERPRISE CAPITAL**

This section includes the capital program for three enterprise funds - Aviation, Port Everglades, and Water and Wastewater. The Aviation capital program is supported primarily by grants, bond proceeds, airport operating revenues, and fund balance. The Port Everglades capital program is primarily supported by fund balance, bond proceeds, state and federal grants, and operating revenues. The Water and Wastewater capital program is funded primarily by user charges and bond proceeds.

This section is organized in the following manner:

	<b>Page</b>
Aviation Five Year Summary	4-2
Aviation Project Descriptions	4-5
Port Everglades Five Year Summary	4-22
Port Everglades Project Descriptions	4-24
Water & Wastewater Five Year Summary	4-34
Water & Wastewater Project Descriptions	4-37

**BROWARD COUNTY CAPITAL BUDGET****AVIATION CAPITAL**

	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>
<b>REVENUES</b>					
Interest Income	395,270	395,260	395,260	395,260	395,260
Less 5%	(19,760)	(19,760)	(19,760)	(19,760)	(19,760)
Transfers from Aviation Operating Fund	11,892,500	12,024,520	4,543,000	5,910,000	4,841,000
Passenger Facilities Charges (PFC)	106,800,000	53,000,000	8,000,000	6,000,000	0
Federal and State Grants	7,712,500	50,785,930	6,755,000	4,500,000	0
Future Bond Proceeds / Loans	181,825,000	113,440,000	5,000,000	5,000,000	0
<b>TOTAL REVENUES</b>	<b><u>\$308,605,510</u></b>	<b><u>\$229,625,950</u></b>	<b><u>\$24,673,500</u></b>	<b><u>\$21,785,500</u></b>	<b><u>\$5,216,500</u></b>
<b>APPROPRIATIONS</b>					
<b><u>Airfields</u></b>					
Remote Transmitter/Radio Relocation	500,000	4,500,000	0	0	0
Runway 10R-28L Settlement Monitoring	400,000	0	0	0	0
Airfield Signage Replacement	170,000	0	0	0	0
Taxiway M Construction	0	0	0	12,000,000	0
Taxiway T Construction	0	0	7,720,000	0	0
Stormwater Upgrades	0	13,440,000	0	0	0
<b>Subtotal</b>	<b><u>1,070,000</u></b>	<b><u>17,940,000</u></b>	<b><u>7,720,000</u></b>	<b><u>12,000,000</u></b>	<b><u>0</u></b>
<b><u>Airport Access Roadway System</u></b>					
Airport Access Roadway System	10,000,000	90,000,000	0	0	0
<b>Subtotal</b>	<b><u>10,000,000</u></b>	<b><u>90,000,000</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>
<b><u>Terminals</u></b>					
Connector Bridges between Terminals 1, 2, & 3	129,000,000	0	0	0	0
Terminal 4 Federal Inspection Service (FIS) Facility	25,000,000	0	0	0	0
T4 Gate Replacement	15,300,000	0	0	0	0
T4 Checked Baggage Inspection System	8,000,000	0	0	0	0
Passenger Screening Lanes	1,800,000	0	0	0	0
Gate Expansion	0	95,000,000	0	0	0
<b>Subtotal</b>	<b><u>179,100,000</u></b>	<b><u>95,000,000</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>



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**AVIATION CAPITAL**

	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>
<b><u>General and Administrative</u></b>					
Architectural Services for Master Plan	5,000,000	5,000,000	5,000,000	5,000,000	0
Transportation Network Company Lot	2,000,000	0	0	0	0
G & G Warehouse Improvements	1,300,000	0	0	0	0
Facility Improvement Allowance	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Information Technology Software & Services Renewal and Replacement	375,000	375,000	375,000	375,000	375,000
<b>Subtotal</b>	<b><u>9,675,000</u></b>	<b><u>6,375,000</u></b>	<b><u>6,375,000</u></b>	<b><u>6,375,000</u></b>	<b><u>1,375,000</u></b>
<b><u>Machinery, Equipment, Vehicles &amp; Other</u></b>					
Loading Bridges & PC Air & Ground Power Units	8,000,000	8,000,000	8,000,000	0	0
Information Systems Renewal & Replacement	2,900,000	1,210,000	1,040,000	2,175,000	2,175,000
Radio Replacement	1,000,000	250,000	0	0	0
Equipment Replacement	895,000	560,000	340,000	105,000	375,000
PC Air Hose Reel Trolley Replacement	650,000	0	0	0	0
Vehicles (New)	595,000	0	0	0	0
Vehicles (Replacement)	450,000	375,000	333,000	125,000	246,000
Mobile Application Development	250,000	250,000	250,000	250,000	250,000
Waste Receptacles - Curbside	200,000	0	0	0	0
<b>Subtotal</b>	<b><u>14,940,000</u></b>	<b><u>10,645,000</u></b>	<b><u>9,963,000</u></b>	<b><u>2,655,000</u></b>	<b><u>3,046,000</u></b>
<b><u>Security</u></b>					
Security Infrastructure Project	41,000,000	0	0	0	0
Closed Circuit TV Enhancement	22,000,000	0	0	0	0
Integrated Security Systems	20,000,000	0	0	0	0
<b>Subtotal</b>	<b><u>83,000,000</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>

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**AVIATION CAPITAL**

	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>
<b><u>Parking</u></b>					
Rehabilitation of Rental Car Center, Hibiscus & Palm Garages	8,000,000	0	0	0	0
Remote Parking Lot Expansion	350,000	2,800,000	0	0	0
Parking Revenue Control System Upgrade	600,000	250,000	50,000	230,000	230,000
<b>Subtotal</b>	<b><u>8,950,000</u></b>	<b><u>3,050,000</u></b>	<b><u>50,000</u></b>	<b><u>230,000</u></b>	<b><u>230,000</u></b>
<b><u>North Perry Projects (HWO)</u></b>					
Vehicle Replacement	35,000	0	40,000	0	40,000
Equipment Replacement	210,000	150,000	150,000	150,000	150,000
HWO Runway 10R-28L Safety Enhancements (Phase 1)	250,000	2,090,450	0	0	0
HWO Rehabilitation of Runway 10R-28L (Phase 2)	0	4,000,000	0	0	0
HWO Integrated Security Systems	1,000,000	0	0	0	0
<b>Subtotal</b>	<b><u>1,495,000</u></b>	<b><u>6,240,450</u></b>	<b><u>190,000</u></b>	<b><u>150,000</u></b>	<b><u>190,000</u></b>
<b><u>Reserves</u></b>					
Reserves*	375,510	375,500	375,500	375,500	375,500
<b>Subtotal</b>	<b><u>375,510</u></b>	<b><u>375,500</u></b>	<b><u>375,500</u></b>	<b><u>375,500</u></b>	<b><u>375,500</u></b>
<b>TOTAL APPROPRIATIONS</b>	<b><u>\$308,605,510</u></b>	<b><u>\$229,625,950</u></b>	<b><u>\$24,673,500</u></b>	<b><u>\$21,785,500</u></b>	<b><u>\$5,216,500</u></b>

\*\$30 million in capital reserves are currently budgeted and will carry forward each year of the capital program.

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

Aviation

**PROJECT**

Airfields

**Funding Summary**

	Actual Expenses Through FY 16	Modified FY 17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Remote Transmitter/Radio Relocation	0	0	0	---	5,000,000	MY	0	---	5,000,000
Runway 10R-28L Settlement Monitoring	0	0	0	---	0	---	400,000	18	400,000
Airfield Signage Replacement	0	0	0	---	0	---	170,000	18	170,000
Taxiway M Construction	0	0	0	---	12,000,000	21	0	---	12,000,000
Taxiway T Construction	0	0	820,000	20	6,000,000	20	900,000	20	7,720,000
Stormwater Upgrades	0	0	0	---	13,440,000	19	0	---	13,440,000

**Project Comments**

- In FY18 and FY19, \$5 million is provided to relocate the Remote Transmitter/Receiver (RTR), the Automated Surface Weather Observing System and the Wind Measuring Equipment to accommodate proposed airport development.
- In FY18, \$400,000 is provided for the installation of monitoring equipment and other costs associated with monitoring Runway 10R-28L to ensure structural integrity.
- In FY18, \$170,000 is provided to replace 43 airfield signs to maintain Federal Aviation Regulation (FAR) Part 139 compliance.
- In FY21, \$12 million is provided for the rehabilitation of Taxiway M.
- In FY20, \$7,720,000 is provided for the rehabilitation of Taxiway T.
- In FY19, \$13,440,000 is provided to study a pumping program, develop alternate pumping options, complete permitting and design, and construct pump stations to move stormwater off the airfield in order to take advantage of limited airfield property for expansion.

**BROWARD COUNTY CAPITAL BUDGET****Funding Schedule**

<b><u>Funding Sources</u></b>	<b><u>FY18</u></b>	<b><u>FY19</u></b>	<b><u>FY20</u></b>	<b><u>FY21</u></b>	<b><u>FY22</u></b>	<b><u>TOTAL</u></b>
Aviation Funds	1,070,000	4,500,000	965,000	0	0	6,535,000
Federal/State Grants	0	0	6,755,000	6,000,000	0	12,755,000
Passenger Facilities Charges (PFC)	0	0	0	6,000,000	0	6,000,000
Bonds	0	13,440,000	0	0	0	13,440,000
<b>TOTAL</b>	<b>1,070,000</b>	<b>17,940,000</b>	<b>7,720,000</b>	<b>12,000,000</b>	<b>0</b>	<b>38,730,000</b>
<b><u>Funding Requirements</u></b>						
Remote Transmitter/Radio Relocation	500,000	4,500,000	0	0	0	5,000,000
Runway 10R-28L Settlement Monitoring	400,000	0	0	0	0	400,000
Airfield Signage Replacement	170,000	0	0	0	0	170,000
Taxiway M Construction	0	0	0	12,000,000	0	12,000,000
Taxiway T Construction	0	0	7,720,000	0	0	7,720,000
Stormwater Upgrades	0	13,440,000	0	0	0	13,440,000
<b>TOTAL</b>	<b>1,070,000</b>	<b>17,940,000</b>	<b>7,720,000</b>	<b>12,000,000</b>	<b>0</b>	<b>38,730,000</b>

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

Aviation

**PROJECT**

Airport Access Roadway System

**Funding Summary**

	Actual Expenses Through FY 16	Modified FY 17 Budget	FY18-22						Total
			Design		Construction		Other		
			FY	FY	FY	FY	FY	FY	
Airport Access Roadway System	0	0	10,000,000	18	90,000,000	19	0	---	100,000,000

**Project Comments**

- In FY18 and FY19, \$100 million is provided to improve the airport access roadway system by providing better access to the airport, circulation among the four terminals, the Rental Car Center, the airport's three parking garages and efficient egress to the interstate highway system. This project will address deficient roadway service levels, congestion and circulation problems caused by inadequate accessibility and insufficient capacity.

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
Federal/State Grants	5,000,000	45,000,000	0	0	0	50,000,000
Passenger Facilities Charges (PFC)	5,000,000	45,000,000	0	0	0	50,000,000
<b>TOTAL</b>	10,000,000	90,000,000	0	0	0	100,000,000

**Funding Requirements**

Airport Access Roadway System	10,000,000	90,000,000	0	0	0	100,000,000
<b>TOTAL</b>	10,000,000	90,000,000	0	0	0	100,000,000

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

Aviation

**PROJECT**

Terminals

**Funding Summary**

	Actual Expenses Through FY 16	Modified FY 17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Connector Bridges between Terminals 1, 2, & 3	0	0	10,000,000	18	110,000,000	18	9,000,000	18	129,000,000
Terminal 4 Federal Inspection Service (FIS) Facility	1,144,941	88,855,059	1,000,000	18	22,000,000	18	2,000,000	18	115,000,000
T4 Gate Replacement	282,782,524	175,417,476	300,000	18	14,300,000	18	700,000	18	473,500,000
T4 Checked Baggage Inspection System	0	34,635,000	0	---	8,000,000	18	0	---	42,635,000
Passenger Screening Lanes	0	0	0	---	0	---	1,800,000	18	1,800,000
Gate Expansion	0	5,000,000	10,000,000	19	85,000,000	19	0	---	100,000,000

**Project Comments**

- In FY18, \$129 million is provided for the terminal connector project to give the airport additional facility flexibility in the near and long term. Primary goals are to increase utilization of concessions, enhance gate utilization, and enhance flight connections.
- In FY18, an additional \$25 million is provided to increase the overall footprint of the existing Terminal 4 Federal Inspection Service (FIS) facility to enhance passenger throughput and overall customer satisfaction. The proposed expansion includes upgrading and expanding processing areas and the baggage claim area.
- In FY18, an additional \$15.3 million is provided for expansion of the existing Terminal 4 from 10 to 14 aircraft parking positions, improve the existing security checkpoint and the FIS within Terminal 4, and link Terminal 4 to Terminal 3 through a secure corridor. This project also includes BCAD office space.
- In FY18, an additional \$8 million is provided for the Terminal 4 checked baggage inspection system.
- In FY18, \$1.8 million is provided to design and install innovative passenger screening lanes in FLL terminals 1, 2, 3 and 4. The automated screening lanes incorporate technology and screening station modifications that enhance security effectiveness while decreasing the time travelers spend in security screening.
- In FY19, an additional \$95 million is provided for the design and construction of five additional gates to accommodate the demand for passenger facilities at Fort Lauderdale International Airport.

**BROWARD COUNTY CAPITAL BUDGET****Funding Schedule**

<b><u>Funding Sources</u></b>	<b><u>FY18</u></b>	<b><u>FY19</u></b>	<b><u>FY20</u></b>	<b><u>FY21</u></b>	<b><u>FY22</u></b>	<b><u>TOTAL</u></b>
Passenger Facilities Charges (PFC)	9,800,000	0	0	0	0	9,800,000
Federal/State Grants	2,475,000	0	0	0	0	2,475,000
Future Bond Proceeds / Loans	166,825,000	95,000,000	0	0	0	261,825,000
<b>TOTAL</b>	<b>179,100,000</b>	<b>95,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>274,100,000</b>
<b><u>Funding Requirements</u></b>						
Connector Bridges between Terminals 1, 2, & 3	129,000,000	0	0	0	0	129,000,000
Terminal 4 Federal Inspection Service (FIS) Facility	25,000,000	0	0	0	0	25,000,000
T4 Gate Replacement	15,300,000	0	0	0	0	15,300,000
T4 Checked Baggage Inspection System	8,000,000	0	0	0	0	8,000,000
Passenger Screening Lanes	1,800,000	0	0	0	0	1,800,000
Gate Expansion	0	95,000,000	0	0	0	95,000,000
<b>TOTAL</b>	<b>179,100,000</b>	<b>95,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>274,100,000</b>

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

Aviation

**PROJECT**

General and Administrative

**Funding Summary**

	Actual Expenses Through FY 16	Modified FY 17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Architectural Services for Master Plan	0	0	20,000,000	MY	0	---	0	---	20,000,000
Transportation Network Company Lot	0	0	350,000	18	1,400,000	18	250,000	18	2,000,000
G & G Warehouse Improvements	0	0	0	---	0	---	1,300,000	18	1,300,000
Facility Improvement Allowance	0	N/A	0	---	0	---	5,000,000	MY	5,000,000
Information Technology Software & Services Renewal and Replacement	0	N/A	0	---	0	---	1,875,000	MY	1,875,000

**Project Comments**

- In FY18-21, \$20 million is provided to update the Master Plan for the Fort Lauderdale International Airport. Keeping an up-to-date Master Plan is a federal requirement.
- In FY18, \$2 million is funded to construct a new Transportation Network Company lot on airport property to accommodate a staging area for Transportation Network Companies.
- In FY18, \$1.3 million is funded to improve the G & G Warehouse located at 11000 NE 7th Avenue, which is used for storage for large inventory items for the maintenance of the airport and ancillary buildings. The warehouse, built in 1976, is approximately 41,800 square feet.
- In FY18-22, an additional \$5 million is provided to fund projects stemming from the needs of the various divisions, which may include projects beyond the Maintenance department's staff capabilities, and may require a contractor to perform.
- In FY18-22, \$1,875,000 is provided for information technology software & services renewal and replacement.



**BROWARD COUNTY CAPITAL BUDGET**

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**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
Aviation Funds	2,675,000	1,375,000	1,375,000	1,375,000	1,375,000	8,175,000
Future Bond Proceeds / Loans	7,000,000	5,000,000	5,000,000	5,000,000	0	22,000,000
<b>TOTAL</b>	<b>9,675,000</b>	<b>6,375,000</b>	<b>6,375,000</b>	<b>6,375,000</b>	<b>1,375,000</b>	<b>30,175,000</b>

**Funding Requirements**

Architectural Services for Master Plan	5,000,000	5,000,000	5,000,000	5,000,000	0	20,000,000
Transportation Network Company Lot	2,000,000	0	0	0	0	2,000,000
G & G Warehouse Improvements	1,300,000	0	0	0	0	1,300,000
Facility Improvement Allowance	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Information Technology Software & Services Renewal and Replacement	375,000	375,000	375,000	375,000	375,000	1,875,000
<b>TOTAL</b>	<b>9,675,000</b>	<b>6,375,000</b>	<b>6,375,000</b>	<b>6,375,000</b>	<b>1,375,000</b>	<b>30,175,000</b>

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

Aviation

**PROJECT**

Machinery, Equipment, Vehicles and Other

**Funding Summary**

	Actual Expenses Through FY 16	Modified FY 17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Loading Bridges & PC Air & Ground Power Units	0	0	0	---	24,000,000	MY	0	---	24,000,000
Information Systems Renewal & Replacement	0	0	0	---	0	---	9,500,000	MY	9,500,000
Radio Replacement	0	1,250,000	0	---	0	---	1,250,000	MY	2,500,000
Equipment Replacement	0	0	0	---	0	---	2,275,000	MY	2,275,000
PC Air Hose Reel Trolley Replacement	0	0	0	---	0	---	650,000	18	650,000
Vehicles (New)	0	0	0	---	0	---	595,000	18	595,000
Vehicles (Replacement)	0	0	0	---	0	---	1,529,000	MY	1,529,000
Mobile Application Development	0	650,000	0	---	0	---	1,250,000	MY	1,900,000
Waste Receptacles - Curbside	0	0	0	---	0	---	200,000	18	200,000

**Project Comments**

- In FY18-20, \$24 million will be provided to replace Passenger Boarding Bridges in Concourses B, C, D, E, & F. There are a total of 47 bridges that need to be replaced.
- In FY18-22, \$9.5 million is provided for information systems (hardware) renewal and replacement.
- In FY18-19, an additional \$1,250,000 is provided to purchase additional radio equipment as a result of increased staffing levels and to replace obsolete radio equipment, as well as to provide all the infrastructure necessary to effectively communicate with the Countywide P-25 800 MHz and Local Government 400 Mhz radios.
- In FY18-22, \$2,275,000 is provided for the replacement of various pieces of equipment that have reached their service life.
- In FY18, \$650,000 is provided to replace the PC air hose reels with trolleys at all 66 loading bridges. Use of the trolley system provides consistent air to the planes and passengers.
- In FY18, \$595,000 is provided to purchase 19 new vehicles to support the transportation needs of the Maintenance Division.
- In FY18-22, \$1,529,000 is provided for the replacement of vehicles.
- In FY18-22, an additional \$1,250,000 is provided to develop the FLL Mobile Application to include advertising opportunities for BCAD and FLL concessionaires. In addition, the mobile app can be further developed to provide customer service functionality to include discounts and incentives for our travelers and accurate wait time information at the checkpoints.
- In FY18, \$200,000 is provided to purchase replacement waste receptacles and cigarette urns to improve the aesthetics of the facilities and to provide opportunities for the public to properly dispose of waste.

**BROWARD COUNTY CAPITAL BUDGET**

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
Aviation Funds	6,940,000	2,645,000	1,963,000	2,655,000	3,046,000	17,249,000
Passenger Facilities Charges (PFC)	8,000,000	8,000,000	8,000,000	0	0	24,000,000
<b>TOTAL</b>	<b>14,940,000</b>	<b>10,645,000</b>	<b>9,963,000</b>	<b>2,655,000</b>	<b>3,046,000</b>	<b>41,249,000</b>

**Funding Requirements**

Loading Bridges & PC Air & Ground Power Units	8,000,000	8,000,000	8,000,000	0	0	24,000,000
Information Systems Renewal & Replacement	2,900,000	1,210,000	1,040,000	2,175,000	2,175,000	9,500,000
Radio Replacement	1,000,000	250,000	0	0	0	1,250,000
Equipment Replacement	895,000	560,000	340,000	105,000	375,000	2,275,000
PC Air Hose Reel Trolley Replacement	650,000	0	0	0	0	650,000
Vehicles (New)	595,000	0	0	0	0	595,000
Vehicles (Replacement)	450,000	375,000	333,000	125,000	246,000	1,529,000
Mobile Application Development	250,000	250,000	250,000	250,000	250,000	1,250,000
Waste Receptacles - Curbside	200,000	0	0	0	0	200,000
<b>TOTAL</b>	<b>14,940,000</b>	<b>10,645,000</b>	<b>9,963,000</b>	<b>2,655,000</b>	<b>3,046,000</b>	<b>41,249,000</b>

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

Aviation

**PROJECT**

Security

**Funding Summary**

	Actual Expenses Through FY 16	Modified FY 17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Security Infrastructure Project	0	7,000,000	0	---	41,000,000	18	0	---	48,000,000
Closed Circuit TV Enhancement	0	0	0	---	0	---	22,000,000	18	22,000,000
Integrated Security Systems	0	4,000,000	500,000	18	19,500,000	18	0	---	24,000,000

**Project Comments**

- In December 2016, a schematic design cost estimate for the FLL Perimeter Security Enhancements was developed. In FY18, an additional \$41 million is provided to implement these security enhancements.
- In FY18, \$22 million is provided to purchase a CCTV Enterprise system for use on airport roadways, parking garages and surface lots, loading bridges, the fire station and the terminals.
- In FY18, \$20 million is provided to replace the current Electronic Safety and Security System to function as a one-stop gateway for all the Fort Lauderdale-Hollywood International Airport's access control panels, which integrate video surveillance, fire alarm, perimeter detection, radar and other airport operational systems.

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
Passenger Facilities Charges (PFC)	83,000,000	0	0	0	0	83,000,000
<b>TOTAL</b>	83,000,000	0	0	0	0	83,000,000
<b>Funding Requirements</b>						
Security Infrastructure Project	41,000,000	0	0	0	0	41,000,000
Closed Circuit TV Enhancement	22,000,000	0	0	0	0	22,000,000
Integrated Security Systems	20,000,000	0	0	0	0	20,000,000
<b>TOTAL</b>	83,000,000	0	0	0	0	83,000,000

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

Aviation

**PROJECT**

Parking

**Funding Summary**

	Actual Expenses Through FY 16	Modified FY 17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Rehabilitation of Rental Car Center, Hibiscus & Palm Garages	0	8,000,000	800,000	18	7,200,000	18	0	---	16,000,000
Remote Parking Lot Expansion	0	850,000	0	---	3,150,000	MY	0	---	4,000,000
Parking Revenue Control System Upgrade	650,000	715,000	0	---	1,360,000	MY	0	---	2,725,000

**Project Comments**

- In FY18, an additional \$8 million is provided to repair the aging Hibiscus parking garage (built in 2000), the Palm parking garage (built in 1983), and the Rental Car Facility parking garage (built in 2005) and to extend the useful life of these parking garages. Also, this project will incorporate energy efficiency measures to reduce operating costs and will make the appearance more uniform and pleasing.
- In FY18 and FY19, \$3,150,000 is provided to develop additional capacity for employee parking either by modifying and expanding the current lot at SW 42nd Street in Dania Beach, or constructing an additional lot on existing airport-owned property. The current surface parking lot has a capacity of 4,012 spaces, which is already at full capacity utilization.
- In FY18-22, \$1.36 million is provided to upgrade the Parking Access and Revenue Control System to replace end of life components to lengthen system functionality.

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
Aviation Funds	950,000	3,050,000	50,000	230,000	230,000	4,510,000
Loans Issued/Bonds	8,000,000	0	0	0	0	8,000,000
<b>TOTAL</b>	<b>8,950,000</b>	<b>3,050,000</b>	<b>50,000</b>	<b>230,000</b>	<b>230,000</b>	<b>12,510,000</b>

**Funding Requirements**

Rehabilitation of Rental Car Center, Hibiscus & Palm Garages	8,000,000	0	0	0	0	8,000,000
Remote Parking Lot Expansion	350,000	2,800,000	0	0	0	3,150,000
Parking Revenue Control System Upgrade	600,000	250,000	50,000	230,000	230,000	1,360,000
<b>TOTAL</b>	<b>8,950,000</b>	<b>3,050,000</b>	<b>50,000</b>	<b>230,000</b>	<b>230,000</b>	<b>12,510,000</b>

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

Aviation

**PROJECT**

North Perry Projects (HWO)

**Funding Summary**

	Actual Expenses Through FY 16	Modified FY 17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Vehicle Replacement	0	0	0	---	0	---	115,000	MY	115,000
Equipment Replacement	0	0	0	---	0	---	810,000	MY	810,000
HWO Runway 10R-28L Safety Enhancements (Phase 1)	0	0	250,000	18	2,090,450	19	0	---	2,340,450
HWO Rehabilitation of Runway 10R-28L (Phase 2)	0	0	200,000	19	3,800,000	19	0	---	4,000,000
HWO Integrated Security Systems	0	0	300,000	18	700,000	18	0	---	1,000,000

**Project Comments**

- In FY18, FY20 and FY22, a total of \$115,000 is provided for the replacement of vehicles.
- In FY18-22, \$810,000 is provided for the replacement of equipment.
- In FY18 and FY19, \$2,340,450 is provided for phase I of the North Perry runway 10R-28L safety enhancements. This runway is the main runway at the North Perry Airport.
- In FY19, \$4 million is provided for phase 2 of the runway 10R-28L safety enhancements. In accordance with the 2009 Airport Master Plan and FDOT's 2012 pavement evaluation study, the pavement's useful life will end in 2019. The scope entails milling and overlay of pavement on the entire runway, replacing runway lighting, electrical duct work, vault upgrades, updating existing incandescent lighting to LED lighting, pavement edge sodding, marking and striping of the pavement.
- In FY18, \$1 million is provided for an integrated security system that will function as an all-encompassing wired and wireless access control and video management system that will integrate alarm monitoring, credentialing, and database management into a single platform.

**BROWARD COUNTY CAPITAL BUDGET****Funding Schedule**

<b><u>Funding Sources</u></b>	<b><u>FY18</u></b>	<b><u>FY19</u></b>	<b><u>FY20</u></b>	<b><u>FY21</u></b>	<b><u>FY22</u></b>	<b><u>TOTAL</u></b>
Aviation Funds	257,500	454,520	190,000	150,000	190,000	1,242,020
Federal/State Grants	237,500	5,785,930	0	0	0	6,023,430
Passenger Facilities Charges (PFC)	1,000,000	0	0	0	0	1,000,000
<b>TOTAL</b>	<b>1,495,000</b>	<b>6,240,450</b>	<b>190,000</b>	<b>150,000</b>	<b>190,000</b>	<b>8,265,450</b>
<b><u>Funding Requirements</u></b>						
Vehicle Replacement	35,000	0	40,000	0	40,000	115,000
Equipment Replacement	210,000	150,000	150,000	150,000	150,000	810,000
HWO Runway 10R-28L Safety Enhancements (Phase 1)	250,000	2,090,450	0	0	0	2,340,450
HWO Rehabilitation of Runway 10R-28L (Phase 2)	0	4,000,000	0	0	0	4,000,000
HWO Integrated Security Systems	1,000,000	0	0	0	0	1,000,000
<b>TOTAL</b>	<b>1,495,000</b>	<b>6,240,450</b>	<b>190,000</b>	<b>150,000</b>	<b>190,000</b>	<b>8,265,450</b>

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

Aviation

**PROJECT**

Reserves

**Funding Summary**

	Actual Expenses Through FY 16	Modified FY17 Budget	FY18-22						Total
			Design		Construction		Other		
			FY	FY	FY	FY	FY	FY	
Aviation Reserves	N/A	N/A	0	---	0	---	1,877,510	MY	1,877,510

**Project Comments**

- Beginning in FY18, only the incremental increase to the reserves is shown in the capital program. There is currently a \$30 million reserve in the Aviation capital funds that will carry over to future years.

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
Interest Income	375,510	375,500	375,500	375,500	375,500	1,877,510
<b>TOTAL</b>	375,510	375,500	375,500	375,500	375,500	1,877,510
<u>Funding Requirements</u>						
Aviation Reserves	375,510	375,500	375,500	375,500	375,500	1,877,510
<b>TOTAL</b>	375,510	375,500	375,500	375,500	375,500	1,877,510



**BROWARD COUNTY CAPITAL BUDGET****AVIATION FLL CAPITAL FUND (40350)**

<b>REVENUES</b>	<b>FY18</b>
Interest Income	151,110
Less 5%	(7,560)
Federal Grants	2,475,000
Transfer from Aviation Operating Funds	11,635,000
Bond Proceeds	181,825,000
<b>TOTAL</b>	<b>\$196,078,550</b>
<b>APPROPRIATIONS</b>	
Remote Transmitter/Radio Relocation	500,000
Runway 10R-28L Settlement Monitoring	400,000
Airfield Signage Replacement	170,000
Connector Bridges between Terminals 1, 2, & 3	129,000,000
Terminal 4 Federal Inspection Service (FIS) Facility	25,000,000
T4 Gate Replacement	15,300,000
Architectural Services for Master Plan	5,000,000
Transportation Network Company Lot	2,000,000
G & G Warehouse Improvements	1,300,000
Facility Improvement Allowance	1,000,000
Information Technology Software & Services Renewal and Replacement	375,000
Information Systems Renewal & Replacement	2,900,000
Radio Replacement	1,000,000
Equipment Replacement	895,000
PC Air Hose Reel Trolley Replacement	650,000
Vehicles (New)	595,000
Vehicles (Replacement)	450,000
Mobile Application Development	250,000
Waste Receptacles - Curbside	200,000
Rehabilitation of Rental Car Center, Hibiscus & Palm Garages	8,000,000
Remote Parking Lot Expansion	350,000
Parking Revenue Control System Upgrade	600,000
Reserves	143,550
<b>TOTAL</b>	<b>\$196,078,550</b>

**BROWARD COUNTY CAPITAL BUDGET**

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**AVIATION PFC CAPITAL FUND (40450)**

**REVENUES**

**FY18**

Interest Income	243,620
Less 5%	(12,170)
FAA/FDOT Grants	5,000,000
Passenger Facilities Charges (PFC)	106,800,000

**TOTAL**

**\$112,031,450**

**APPROPRIATIONS**

Airport Access Roadway System	10,000,000
T4 Checked Baggage Inspection System	8,000,000
Passenger Screening Lanes	1,800,000
Loading Bridges & PC Air & Ground Power Units	8,000,000
Security Infrastructure Project	41,000,000
Closed Circuit TV Enhancement	22,000,000
Integrated Security Systems	20,000,000
North Perry (HWO) Integrated Security Systems	1,000,000
Reserves	231,450

**TOTAL**

**\$112,031,450**

**NORTH PERRY AIRPORT CAPITAL FUND (40550)**

	<b><u>FY18</u></b>
<b>REVENUES</b>	
Interest Income	540
Less 5%	(30)
State and Federal Grants	237,500
Transfer from Aviation Operating Funds	257,500
<b>TOTAL</b>	<b>\$495,510</b>

<b>APPROPRIATIONS</b>	
Vehicle Replacement	35,000
Equipment Replacement	210,000
HWO Runway 10R-28L Safety Enhancements (Phase 1)	250,000
Reserves	510
<b>TOTAL</b>	<b>\$495,510</b>

## PORT EVERGLADES CAPITAL

	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>
<b>REVENUES</b>					
State Grants/Federal Grants	38,500,000	18,500,000	27,350,000	4,500,000	3,500,000
Future Bond Proceeds/Financing	181,469,880	227,422,430	85,226,930	19,844,040	18,912,610
Transfer from Operating Fund	45,020,000	40,000,000	35,000,000	35,000,000	35,000,000
Interest Income	400,000	400,000	400,000	400,000	400,000
Less 5%	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)
Fund Balance	40,035,770	0	0	0	0
<b>TOTAL REVENUES</b>	<b><u>\$305,405,650</u></b>	<b><u>\$286,302,430</u></b>	<b><u>\$147,956,930</u></b>	<b><u>\$59,724,040</u></b>	<b><u>\$57,792,610</u></b>

## APPROPRIATIONS

General Infrastructure Facilities

Miscellaneous Infrastructure Improvements	500,000	500,000	500,000	500,000	500,000
Utility Infrastructure Improvements	550,000	550,000	550,000	550,000	550,000
Annual Fender, Mooring & Bollard Improvements	500,000	500,000	500,000	500,000	500,000
<b>Subtotal</b>	<b><u>1,550,000</u></b>	<b><u>1,550,000</u></b>	<b><u>1,550,000</u></b>	<b><u>1,550,000</u></b>	<b><u>1,550,000</u></b>

2014 Master Plan Projects - Midport Improvements

Cruise Terminal 21	12,000,000	13,000,000	0	0	0
Cruise Terminal 25	75,412,600	0	0	0	0
Cruise Terminal 29	0	0	0	1,250,000	12,875,000
Multimodal Facility - Phase 1	3,000,000	16,480,000	22,454,000	0	0
Tracor Basin Fill	0	0	0	4,400,000	22,660,000
New Bulkheads at Berths 16, 17, & 18	1,150,000	11,948,000	11,948,000	0	0
New Bulkheads at Berths 19 & 20	0	0	0	0	1,700,000
New Bulkheads at Berths 21 & 22	1,900,000	9,579,000	9,579,000	0	0
<b>Subtotal</b>	<b><u>93,462,600</u></b>	<b><u>51,007,000</u></b>	<b><u>43,981,000</u></b>	<b><u>5,650,000</u></b>	<b><u>37,235,000</u></b>

2014 Master Plan Projects - Northport Improvements

Terminal 2 & 4 Parking Garages	25,000,000	35,000,000	0	0	0
New Bulkheads at Berths 1, 2 & 3	11,639,000	11,639,000	0	0	0
Slip 1 New Bulkheads at Berths 7 & 8 Phase II	1,350,000	13,802,000	13,802,000	0	0
Slip 3 Bulkheads at Berths 14 & 15	0	2,500,000	12,823,500	12,823,500	0
<b>Subtotal</b>	<b><u>37,989,000</u></b>	<b><u>62,941,000</u></b>	<b><u>26,625,500</u></b>	<b><u>12,823,500</u></b>	<b><u>0</u></b>

PORT EVERGLADES CAPITAL

	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>
<b><u>2014 Master Plan Projects - Southport Improvements</u></b>					
Southport Turning Notch Expansion - Contracts 1 & 2	102,978,220	102,978,220	0	0	0
Super Post Panamax Cranes	0	0	0	15,000,000	0
Phase 9a Container Yard	0	9,064,000	0	0	0
Berth 33 Reconfiguration	0	0	0	0	5,100,000
<b>Subtotal</b>	<b><u>102,978,220</u></b>	<b><u>112,042,220</u></b>	<b><u>0</u></b>	<b><u>15,000,000</u></b>	<b><u>5,100,000</u></b>
<b><u>2014 Master Plan Projects - Portwide</u></b>					
Army Corps of Engineers Deepening & Widening	41,375,000	41,375,000	52,750,000	2,000,000	0
<b>Subtotal</b>	<b><u>41,375,000</u></b>	<b><u>41,375,000</u></b>	<b><u>52,750,000</u></b>	<b><u>2,000,000</u></b>	<b><u>0</u></b>
<b><u>Other Port Capital</u></b>					
Annual Crane Parts & Support	300,000	300,000	300,000	300,000	300,000
Annual Spare Parts for Loading Bridges	100,000	100,000	100,000	100,000	100,000
Crane Improvements/Replacements	0	0	8,750,000	8,750,000	0
General Architectural/Engineering Services	2,900,000	2,900,000	2,900,000	2,900,000	2,900,000
General Terminal Improvements	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
In-House Labor & Overhead	600,000	600,000	600,000	600,000	600,000
Matching Funds for Port Security	1,850,000	925,000	775,000	360,000	250,000
Miscellaneous Terminal Improvements	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Port Information Technology Systems	105,000	105,000	105,000	105,000	105,000
Portwide Wayfinding/Signage	800,000	0	0	0	0
Renew/Replace Equipment	1,800,000	1,000,000	1,000,000	1,000,000	1,000,000
Art In Public Places	350,000	350,000	350,000	350,000	350,000
Seaport Engineering & Construction Division Expenses	2,045,830	2,107,210	2,170,430	2,235,540	2,302,610
Logistics Center Milestone Payment	0	3,000,000	0	0	0
<b>Subtotal</b>	<b><u>13,850,830</u></b>	<b><u>14,387,210</u></b>	<b><u>20,050,430</u></b>	<b><u>19,700,540</u></b>	<b><u>10,907,610</u></b>
<b><u>Reserves</u></b>					
Reserve for Renewal/Replacement	14,200,000	3,000,000	3,000,000	3,000,000	3,000,000
<b>Subtotal</b>	<b><u>14,200,000</u></b>	<b><u>3,000,000</u></b>	<b><u>3,000,000</u></b>	<b><u>3,000,000</u></b>	<b><u>3,000,000</u></b>
<b>TOTAL APPROPRIATIONS</b>	<b><u>\$305,405,650</u></b>	<b><u>\$286,302,430</u></b>	<b><u>\$147,956,930</u></b>	<b><u>\$59,724,040</u></b>	<b><u>\$57,792,610</u></b>

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**  
Port Everglades

**PROJECT**  
General Infrastructure Facilities

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Miscellaneous Infrastructure Improvements	N/A	N/A	0	--	0	--	2,500,000	MY	2,500,000
Utility Infrastructure Improvements	N/A	N/A	0	--	0	--	2,750,000	MY	2,750,000
Annual Fender, Mooring & Bollard Improvements	N/A	N/A	0	--	0	--	2,500,000	MY	2,500,000

**Project Comments**

- Funding is provided annually for routine maintenance and improvements for electrical, water and sewer systems, lighting, paved areas, seawalls, piers and docks. In addition, annual funding is provided for upgrades and improvements to the existing fender and mooring systems which protect berths and bulkheads from direct contact with ships.

**Funding Schedule**

<b>Funding Sources</b>	<b>FY18</b>	<b>FY19</b>	<b>FY20</b>	<b>FY21</b>	<b>FY22</b>	<b>TOTAL</b>
Fund Balance/Operating Revenues	1,550,000	1,550,000	1,550,000	1,550,000	1,550,000	7,750,000
<b>TOTAL</b>	1,550,000	1,550,000	1,550,000	1,550,000	1,550,000	7,750,000
<b>Funding Requirements</b>						
Miscellaneous Infrastructure Improvements	500,000	500,000	500,000	500,000	500,000	2,500,000
Utility Infrastructure Improvements	550,000	550,000	550,000	550,000	550,000	2,750,000
Annual Fender, Mooring & Bollard Improvements	500,000	500,000	500,000	500,000	500,000	2,500,000
<b>TOTAL</b>	1,550,000	1,550,000	1,550,000	1,550,000	1,550,000	7,750,000

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**  
Port Everglades

**PROJECT**  
2014 Master Plan - Midport Improvements

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Cruise Terminal 21	0	500,000	0	--	25,000,000	MY	0	--	25,500,000
Cruise Terminal 25	430,900	39,119,099	0	--	75,412,600	18	0	--	114,962,599
Cruise Terminal 29	0	175,000	1,250,000	21	12,875,000	22	0	--	14,300,000
Multimodal Facility - Phase 1	0	0	3,000,000	18	38,934,000	MY	0	--	41,934,000
Tracor Basin Fill	0	0	4,400,000	21	22,660,000	22	0	--	27,060,000
New Bulkheads at Berths 16, 17, & 18	0	1,150,000	1,150,000	18	23,896,000	MY	0	--	26,196,000
New Bulkheads at Berths 19 & 20	0	0	1,700,000	22	0	--	0	--	1,700,000
New Bulkheads at Berths 21 & 22	0	0	1,900,000	18	19,158,000	MY	0	--	21,058,000

**Project Comments**

- \$25 million is budgeted in FY18-19 for renovations at Cruise Terminal 21.
- \$75.4 million is programmed in FY18 for improvements to Cruise Terminal 25 to accommodate larger passenger ships including increasing the baggage-handling area.
- \$14.1 million is programmed in FY21-22 for improvements to Cruise Terminal 29 to achieve greater operational flexibility in handling cruise ships while improving passenger flow and baggage handling.
- \$41.9 million is appropriated in FY18-20 for the design and construction of a multimodal center centrally located for the loading and unloading of buses, shuttles, and taxis. This center will also provide 4,000 additional parking spaces at Midport.
- \$27.1 million is programmed in FY21-22 for the design and construction of filling the Tracor Basin in order to lengthen Berth 29 to the north.
- \$47.8 million is programmed in FY18-22 for the construction of new bulkheads at Berths 16, 17, 18, 19, 20, 21 and 22.

**BROWARD COUNTY CAPITAL BUDGET**

**Funding Schedule**

<b>Funding Sources</b>	<b>FY18</b>	<b>FY19</b>	<b>FY20</b>	<b>FY21</b>	<b>FY22</b>	<b>TOTAL</b>
Fund Balance/Operating Revenues	55,834,940	14,264,390	4,590,530	5,650,000	23,422,390	103,762,250
Future Bond Proceeds/Financing	37,627,660	36,742,610	39,390,470	0	13,812,610	127,573,350
<b>TOTAL</b>	<b>93,462,600</b>	<b>51,007,000</b>	<b>43,981,000</b>	<b>5,650,000</b>	<b>37,235,000</b>	<b>231,335,600</b>

**Funding Requirements**

Cruise Terminal 21	12,000,000	13,000,000	0	0	0	25,000,000
Cruise Terminal 25	75,412,600	0	0	0	0	75,412,600
Cruise Terminal 29	0	0	0	1,250,000	12,875,000	14,125,000
Multimodal Facility - Phase 1	3,000,000	16,480,000	22,454,000	0	0	41,934,000
Tracor Basin Fill	0	0	0	4,400,000	22,660,000	27,060,000
New Bulkheads at Berths 16, 17, & 18	1,150,000	11,948,000	11,948,000	0	0	25,046,000
New Bulkheads at Berths 19 & 20	0	0	0	0	1,700,000	1,700,000
New Bulkheads at Berths 21 & 22	1,900,000	9,579,000	9,579,000	0	0	21,058,000
<b>TOTAL</b>	<b>93,462,600</b>	<b>51,007,000</b>	<b>43,981,000</b>	<b>5,650,000</b>	<b>37,235,000</b>	<b>231,335,600</b>



**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**  
Port Everglades

**PROJECT**  
2014 Master Plan - Northport Improvements

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Terminal 2 & 4 Parking Garages	0	4,400,001	0	--	60,000,000	MY	0	--	64,400,001
New Bulkheads at Berths 1, 2,3	0	2,300,000	0	--	23,278,000	MY	0	--	25,578,000
Slip 1 New Bulkheads at Berths 7 & 8 Phase II	0	1,350,000	1,350,000	18	27,604,000	MY	0	--	30,304,000
Slip 3 Bulkheads at Berths 14 & 15	0	0	2,500,000	19	25,647,000	MY	0	--	28,147,000

**Project Comments**

- \$60 million is programmed in FY18-19 for a new 1,680 space parking garage located west of terminal 4 to serve both Cruise Terminal 4 and Cruise Terminal 2.
- \$80.4 million is programmed in FY18-21 for the construction of new bulkheads at Berths 1, 2, 3, 7, 8, 14 and 15.

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
Fund Balance/Operating Revenues	0	10,678,400	9,689,040	8,979,460	0	29,346,900
State Grants/Federal Grants*	3,600,000	0	0	0	0	3,600,000
Future Bond Proceeds/Financing	34,389,000	52,262,600	16,936,460	3,844,040	0	107,432,100
<b>TOTAL</b>	<b>37,989,000</b>	<b>62,941,000</b>	<b>26,625,500</b>	<b>12,823,500</b>	<b>0</b>	<b>140,379,000</b>

**Funding Requirements**

Terminal 2 & 4 Parking Garages	25,000,000	35,000,000	0	0	0	60,000,000
New Bulkheads at Berths 1, 2,3	11,639,000	11,639,000	0	0	0	23,278,000
Slip 1 New Bulkheads at Berths 7 & 8 Phase II	1,350,000	13,802,000	13,802,000	0	0	28,954,000
Slip 3 Bulkheads at Berths 14 & 15	0	2,500,000	12,823,500	12,823,500	0	28,147,000
<b>TOTAL</b>	<b>37,989,000</b>	<b>62,941,000</b>	<b>26,625,500</b>	<b>12,823,500</b>	<b>0</b>	<b>140,379,000</b>

\*The timing in which grants are received may vary from the actual appropriations of expenditures relating to capital projects.

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**  
Port Everglades

**PROJECT**  
2014 Master Plan - Southport Improvements

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Southport Turning Notch Expansion-Contracts 1 & 2	22,587,886	178,116,979	0	--	205,956,440	MY	0	--	406,661,305
Super Post Panamax Cranes	2,206,979	54,504,965	0	--	0	--	15,000,000	21	71,711,944
Phase 9a Container Yard	0	900,000	0	--	9,064,000	19	0	--	9,964,000
Berth 33 Reconfiguration	0	0	5,100,000	22	0	--	0	--	5,100,000

**Project Comments**

- \$205.9 million is programmed in FY18-19 for the Southport Turning Notch expansion of Berth 30 and the addition of a new berth for the importation of crushed rock aggregate.
- \$15 million is programmed in FY21 for the acquisition of a new post-Panama gantry crane to be positioned at the proposed Berth Southport Turning Notch Expansion location.
- \$9.1 million is programmed in FY19 for construction of a new container yard west of McIntosh Rd.
- \$5.1 million is programmed in FY22 for configuration of Berth 33 to add container yard space.

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
State Grants/Federal Grants*	6,000,000	0	0	0	0	6,000,000
Future Bond Proceeds/Financing	96,978,220	112,042,220	0	15,000,000	5,100,000	229,120,440
<b>TOTAL</b>	102,978,220	112,042,220	0	15,000,000	5,100,000	235,120,440

**Funding Requirements**

Southport Turning Notch Expansion-Contracts 1 & 2	102,978,220	102,978,220	0	0	0	205,956,440
Super Post Panamax Cranes	0	0	0	15,000,000	0	15,000,000
Phase 9a Container Yard	0	9,064,000	0	0	0	9,064,000
Berth 33 Reconfiguration	0	0	0	0	5,100,000	5,100,000
<b>TOTAL</b>	102,978,220	112,042,220	0	15,000,000	5,100,000	235,120,440

\*The timing in which grants are received may vary from the actual appropriations of expenditures relating to capital projects.

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**  
Port Everglades

**PROJECT**  
2014 Master Plan Projects - Portwide

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Army Corps of Engineers Deepening & Widening	561,888	69,550,519	0	--	137,500,000	MY	0	--	207,612,407

**Project Comments**

- \$137.5 million is programmed over the 5-year capital program to improve navigational channels and deepen the Intracoastal Waterway to allow for larger vessels at Port Everglades.

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
State Grants/Federal Grants*	28,900,000	15,000,000	23,850,000	1,000,000	0	68,750,000
Future Bond Proceeds/Financing	12,475,000	26,375,000	28,900,000	1,000,000	0	68,750,000
<b>TOTAL</b>	41,375,000	41,375,000	52,750,000	2,000,000	0	137,500,000
<b>Funding Requirements</b>						
Army Corps of Engineers Deepening & Widening	41,375,000	41,375,000	52,750,000	2,000,000	0	137,500,000
<b>TOTAL</b>	41,375,000	41,375,000	52,750,000	2,000,000	0	137,500,000

\*The timing in which grants are received may vary from the actual appropriations of expenditures relating to capital projects.

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**  
Port Everglades

**PROJECT**  
Other Port Capital Improvements

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Annual Crane Parts & Support	N/A	N/A	0	--	0	--	1,500,000	MY	1,500,000
Annual Spare Parts for Loading Bridges	N/A	N/A	0	--	0	--	500,000	MY	500,000
Crane Improvements/Replacements	N/A	N/A	0	--	0	--	17,500,000	MY	17,500,000
General Architectural/Engineering Services	N/A	N/A	0	--	0	--	14,500,000	MY	14,500,000
General Terminal Improvements	N/A	N/A	0	--	0	--	10,000,000	MY	10,000,000
In-House Labor & Overhead	N/A	N/A	0	--	0	--	3,000,000	MY	3,000,000
Matching Funds for Port Security Grant	N/A	N/A	0	--	0	--	4,160,000	MY	4,160,000
Miscellaneous Terminal Improvements	N/A	N/A	0	--	0	--	5,000,000	MY	5,000,000
Port Information Technology Systems	N/A	N/A	0	---	0	---	525,000	MY	525,000
Portwide Wayfinding/Signage	0	0	0	---	0	---	800,000	18	800,000
Renew/Replace Equipment	N/A	N/A	0	---	0	---	5,800,000	MY	5,800,000
Art In Public Places	N/A	N/A	0	---	0	---	1,750,000	MY	1,750,000
Seaport Engineering & Construction Division Expenses	N/A	N/A	0	---	0	---	10,861,621	MY	10,861,621
Logistics Center Milestone Payment	0	0	0	---	0	---	3,000,000	19	3,000,000

**Project Comments**

- \$1.5 million is provided for replacement and improvement for crane parts and support.
- \$500,000 is provided over the course of the 5-year capital program for spare parts for loading bridges.
- \$17.5 million is programmed in FY20-21 for crane upgrades, new crane hardware and increasing lifting capacity.
- \$14.5 million is programmed over the course of the 5-year capital program for general architectural and engineering services.
- \$15 million is programmed in FY18-22 for general and miscellaneous improvements to cruise terminals.
- \$3 million is programmed in FY18-22 for in house labor and overhead costs associated with capital projects.
- \$4.16 million is programmed in FY18-22 as matching funds for Port security grants.
- Annual funding of \$105,000 is provided for equipment, software and services to maintain an optimum technological environment. Improved technology will provide for greater operational efficiencies.
- In FY18, funding for Portwide signage is provided to increase navigational aids throughout the port and provide assistance in locating cruise terminals.
- \$5.8 million is programmed in FY18-22 for replacement equipment.
- Funding for Art in Public Places is provided in the 5 year capital program to fund integrated and functional art projects that enhance the aesthetics of Port Everglades capital improvements.
- Funding is provided in FY18-22 for the Seaport Engineering and Construction Division. Funding for personal services, on-going operating and one-time capital expenses is provided for the staff of 20, which includes architects, engineers, planners, environmentalists and support staff.
- In FY19, a Logistics Center Milestone payment is budgeted as part of a public/private partnership to construct a new Foreign Trade Zone.

**BROWARD COUNTY CAPITAL BUDGET**

**Funding Schedule**

<b>Funding Sources</b>	<b>FY18</b>	<b>FY19</b>	<b>FY20</b>	<b>FY21</b>	<b>FY22</b>	<b>TOTAL</b>
Fund Balance/Operating Revenues	13,850,830	10,887,210	16,550,430	16,200,540	7,407,610	64,896,620
State Grants/Federal Grants*	0	3,500,000	3,500,000	3,500,000	3,500,000	14,000,000
<b>TOTAL</b>	<b>13,850,830</b>	<b>14,387,210</b>	<b>20,050,430</b>	<b>19,700,540</b>	<b>10,907,610</b>	<b>78,896,620</b>
<b>Funding Requirements</b>						
Annual Crane Parts & Support	300,000	300,000	300,000	300,000	300,000	1,500,000
Annual Spare Parts for Loading Bridges	100,000	100,000	100,000	100,000	100,000	500,000
Crane Improvements/Replacements	0	0	8,750,000	8,750,000	0	17,500,000
General Architectural/Engineering Services	2,900,000	2,900,000	2,900,000	2,900,000	2,900,000	14,500,000
General Terminal Improvements	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
In-House Labor & Overhead	600,000	600,000	600,000	600,000	600,000	3,000,000
Matching Funds for Port Security Grant	1,850,000	925,000	775,000	360,000	250,000	4,160,000
Miscellaneous Terminal Improvements	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Port Information Technology Systems	105,000	105,000	105,000	105,000	105,000	525,000
Portwide Wayfinding/Signage	800,000	0	0	0	0	800,000
Renew/Replace Equipment	1,800,000	1,000,000	1,000,000	1,000,000	1,000,000	5,800,000
Art in Public Places	350,000	350,000	350,000	350,000	350,000	1,750,000
Seaport Engineering & Construction Division Expenses	2,045,830	2,107,210	2,170,430	2,235,540	2,302,610	10,861,620
Logistic Center Milestone Payment	0	3,000,000	0	0	0	3,000,000
<b>TOTAL</b>	<b>13,850,830</b>	<b>14,387,210</b>	<b>20,050,430</b>	<b>19,700,540</b>	<b>10,907,610</b>	<b>78,896,620</b>

\*The timing in which grants are received may vary from the actual appropriations of expenditures relating to capital projects.

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**  
Port Everglades

**PROJECT**  
Port Everglades Reserves

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Reserve for Renewal/Replacement	N/A	N/A	0	--	0	--	26,200,000	MY	26,200,000

**Project Comments**

- \$26.2 million is programmed for reserve for renewal and replacement over the 5 year capital program.

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
Fund Balance/Operating Revenues	14,200,000	3,000,000	3,000,000	3,000,000	3,000,000	26,200,000
<b>TOTAL</b>	14,200,000	3,000,000	3,000,000	3,000,000	3,000,000	26,200,000
<u>Funding Requirements</u>						
Reserve for Renewal/Replacement	14,200,000	3,000,000	3,000,000	3,000,000	3,000,000	26,200,000
<b>TOTAL</b>	14,200,000	3,000,000	3,000,000	3,000,000	3,000,000	26,200,000

**WATER AND WASTEWATER CAPITAL**

	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>
<b>REVENUES</b>					
User Fees	33,000,000	49,066,530	31,006,800	50,393,580	22,593,580
Capital Recovery Charges	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Future Bond Proceeds	74,775,850	77,000,000	9,000,000	0	58,100,000
<b>TOTAL REVENUES</b>	<b><u>\$109,775,850</u></b>	<b><u>\$128,066,530</u></b>	<b><u>\$42,006,800</u></b>	<b><u>\$52,393,580</u></b>	<b><u>\$82,693,580</u></b>

**APPROPRIATIONS**

**Retail Water & Wastewater**

Generic Administrative Campus Facilities Replacement	250,000	0	0	0	0
Admin. Bldgs. 1 & 2 Fuel Delivery System	55,000	0	0	0	0
Admin. Complex Roof, Bldgs. 2, 3, 4, 5 & 6	400,000	0	0	0	0
Automatic Meter Reading (AMR) Technology	250,000	0	0	0	0
Capital Project Support	1,073,370	3,213,580	3,213,580	3,213,580	3,213,580
Davis Isles New Sewers & Water Main Replacement	170,000	1,870,000	0	0	0
Generic Developer Agreement Funding	300,000	300,000	300,000	300,000	300,000
District 2 Septic Tank Elimination Area 2-Q	75,000	0	0	0	0
District 2 Septic Tank Elimination Area 2-G	250,000	2,250,000	0	0	0
District 2 Septic Tank Elimination Area 2-F	700,000	0	3,000,000	0	0
District 3A Septic Tank Elimination Area 3A-N	515,000	2,000,000	0	0	0
District 3A Septic Tank Elimination Area 3A-O	0	0	0	1,800,000	0
District 3A Septic Tank Elimination Area 3A-Y	0	0	0	1,030,000	0
District 3BC Septic Tank Elimination	200,000	0	10,000,000	0	21,000,000
Facility Chlorination System 3B	107,000	0	0	0	0
Generic Facilities Rehabilitation	300,000	300,000	300,000	300,000	300,000
Hillsboro Mile Wastewater System Improvements	1,425,390	0	0	0	0
Incident Command Center HVAC Replacement	0	26,000	0	0	
Information Technology Disaster Recovery	95,120	0	0	0	0
Lift Station 222 Generator & Odor Control	60,000	300,000	0	0	0



**WATER AND WASTEWATER CAPITAL**

	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>
Generic Lift Station Rehabilitation	2,550,000	2,800,000	2,550,000	2,300,000	2,300,000
Master Pump Station 220 Rehabilitation	0	176,950	769,220	0	0
Maximo Maintenance Management System Upgrade	50,000	0	0	0	0
Generic Multi-District Inflow/Infiltration Reduction Program	1,500,000	1,500,000	1,000,000	1,000,000	1,000,000
NRWWTP Canal Crossing Endwalls	92,000	0	0	0	0
Reclaimed Water Transmission System Expansion	3,700,000	0	0	0	0
Generic Retail Facility Demolition	300,000	0	0	0	0
Generic Septic Tank Elimination Program	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000
Generic Short Line Extensions & Relocations	1,000,000	1,000,000	750,000	750,000	750,000
Sludge Handling System Improvement WTP 1A & 2A	3,150,000	0	0	0	0
UAZ* 108 Water/Sewer Pipe Improvements	1,674,090	16,020,000	1,724,000	0	0
UAZ* 110/111 Water/Sewer Pipe Improvements	17,900,000	12,500,000	0	0	0
UAZ* 113 Water/Sewer Pipe Improvements	3,400,000	0	0	0	0
UAZ* 122/123 Water/Sewer Pipe Improvements	4,303,000	15,400,000	0	0	0
Generic Utility Locating and GIS Mapping	350,000	350,000	350,000	350,000	0
Water Storage Tank 1A2	5,161,640	0	0	0	0
Water Storage Tank 1B1	812,000	0	0	0	0
Water Storage Tank 2A	676,000	0	0	0	0
Water System Improvements 3C	0	1,320,000	13,750,000	13,750,000	12,430,000
Water Treatment Plant Expansion 2A	0	0	0	500,000	0
1A & 2A WTP Switchgear Replacement	2,499,800	0	0	15,800,000	0
3B & 3C 4-log Inactivation	110,000	1,040,000	0	0	0
<b>Subtotal</b>	<b><u>58,454,410</u></b>	<b><u>65,366,530</u></b>	<b><u>40,706,800</u></b>	<b><u>44,093,580</u></b>	<b><u>44,293,580</u></b>

\*NRWWTP - North Regional Wastewater Treatment Plant

\*\*UAZ - Utility Analysis Zone

**BROWARD COUNTY CAPITAL BUDGET****WATER AND WASTEWATER CAPITAL**

	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>
<b><u>Regional Treatment</u></b>					
Capital Project Support	1,709,460	0	0	0	0
NRWWTP* Capacity Improvement	464,390	0	0	0	0
NRWWTP* Disposal System - Transmission System	14,650,000	0	0	0	0
NRWWTP* - Emergency Power System	0	13,000,000	0	0	0
NRWWTP Effluent Outfall Pump Station	0	2,100,000	0	0	37,100,000
NRWWTP* - Facilities Improvements	24,246,000	45,000,000	0	0	0
Generic NRWWTP* Rehabilitation	800,000	800,000	800,000	800,000	800,000
Septage Receiving Facility Operations/Admin. Bldg.	157,780	0	0	0	0
<b>Subtotal</b>	<b><u>42,027,630</u></b>	<b><u>60,900,000</u></b>	<b><u>800,000</u></b>	<b><u>800,000</u></b>	<b><u>37,900,000</u></b>
<b><u>Regional Transmission</u></b>					
Capital Project Support	430,750	0	0	0	0
Master Pump Station 450 Improvements	554,000	0	0	0	0
Master Pump Station 454 Rehabilitation	6,490,070	0	0	0	0
Master Pump Station 456 Improvements	173,990	0	0	0	0
Master Pump Stations 452 & 458 Rehabilitation	0	1,300,000	0	7,000,000	0
Generic Master Pump Stations Rehabilitation	500,000	500,000	500,000	500,000	500,000
Regional Sewer Air Relief Valves	650,000	0	0	0	0
Regional Transmission System Master Plan	495,000	0	0	0	0
<b>Subtotal</b>	<b><u>9,293,810</u></b>	<b><u>1,800,000</u></b>	<b><u>500,000</u></b>	<b><u>7,500,000</u></b>	<b><u>500,000</u></b>
*NRWWTP - North Regional Wastewater Treatment Plant					
**UAZ - Utility Analysis Zone					
<b>TOTAL APPROPRIATIONS</b>	<b><u>\$109,775,850</u></b>	<b><u>\$128,066,530</u></b>	<b><u>\$42,006,800</u></b>	<b><u>\$52,393,580</u></b>	<b><u>\$82,693,580</u></b>

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

Enterprise/Water & Wastewater

**PROJECT**

Retail/New Construction

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Generic Administrative Campus Facilities Replacement	N/A	N/A	50,000	18	200,000	18	0	---	250,000
Admin. Bldgs. 1 & 2 Fuel Delivery System	0	0	0	---	55,000	18	0	---	55,000
Admin. Complex Roof, Bldgs. 2, 3, 4, 5 & 6	6	2,900,000	100,000	18	300,000	18	0	---	3,300,006
Automatic Meter Reading (AMR) Technology	0	0	0	---	250,000	18	0	---	250,000
Capital Project Support	N/A	N/A	0	---	0	---	13,927,690	MY	13,927,690
Davis Isles New Sewers & Water Main Replacement	0	0	340,000	MY	1,700,000	19	0	---	2,040,000
Generic Developer Agreement Funding	N/A	N/A	0	---	1,500,000	MY	0	---	1,500,000
District 2 Septic Tank Elimination Area 2-Q	22,707	216,895	0	---	75,000	18	0	---	314,602
District 2 Septic Tank Elimination Area 2-G	0	230,000	500,000	MY	2,000,000	19	0	---	2,730,000
District 2 Septic Tank Elimination Area 2-F	0	0	700,000	18	3,000,000	20	0	---	3,700,000
District 3A Septic Tank Elimination Area 3A-N	0	0	515,000	18	2,000,000	19	0	---	2,515,000
District 3A Septic Tank Elimination Area 3A-O	0	0	1,800,000	21	0	---	0	---	1,800,000
District 3A Septic Tank Elimination Area 3A-Y	0	0	1,030,000	21	0	---	0	---	1,030,000
District 3BC Septic Tank Elimination	0	0	10,200,000	MY	21,000,000	22	0	---	31,200,000
Facility Chlorination System 3B	0	413,000	0	---	107,000	18	0	---	520,000
Generic Facilities Rehabilitation	N/A	N/A	0	---	1,500,000	MY	0	---	1,500,000
Hillsboro Mile Wastewater System Improvements	978,807	9,366,283	646,650	18	778,740	18	0	---	11,770,480
Incident Command Center HVAC Replacement	1,814	700,000	0	---	26,000	19	0	---	727,814
Information Technology Disaster Recovery	95,116	404,884	0	---	0	---	95,120	18	595,120
Lift Station 222 Generator & Odor Control	0	0	60,000	18	300,000	19	0	---	360,000
Generic Lift Station Rehabilitation	N/A	N/A	3,500,000	MY	9,000,000	MY	0	---	12,500,000
Master Pump Station 220 Rehabilitation	1,130,223	706,011	176,950	19	769,220	20	0	---	2,782,404
Maximo Maintenance Management System Upgrade	758	271,616	50,000	18	0	---	0	---	322,374
Generic Multi-District Inflow/Infiltration Reduction Program	N/A	N/A	0	---	6,000,000	MY	0	---	6,000,000
NRWWTP Canal Crossing Endwalls	0	0	22,000	18	70,000	18	0	---	92,000
Reclaimed Water Transmission System Expansion	5,878	7,000,000	700,000	18	3,000,000	18	0	---	10,705,878

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

Enterprise/Water & Wastewater

**PROJECT**

Retail/New Construction (Continued)

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design FY	Construction FY	Other FY				
Generic Retail Facility Demolition	N/A	N/A	50,000	18	250,000	18	0	---	300,000
Generic Septic Tank Elimination Program	N/A	N/A	5,000,000	MY	10,000,000	MY	0	---	15,000,000
Generic Short Line Extensions & Relocations	N/A	N/A	1,250,000	MY	3,000,000	MY	0	---	4,250,000
Sludge Handling System Improvement WTP 1A & 2A	0	0	650,000	18	2,500,000	18	0	---	3,150,000
UAZ* 108 Water/Sewer Pipe Improvements	18,363	189,861	3,418,090	MY	16,000,000	19	0	---	19,626,314
UAZ* 110/111 Water/Sewer Pipe Improvements	4,697	2,600,000	4,400,000	MY	26,000,000	MY	0	---	33,004,697
UAZ* 113 Water/Sewer Pipe Improvements	5,540	36,540,000	3,400,000	18	0	---	0	---	39,945,540
UAZ* 122/123 Water/Sewer Pipe Improvements	179,868	16,229,791	4,303,000	18	15,400,000	19	0	---	36,112,659
Generic Utility Locating and GIS Mapping	N/A	N/A	1,400,000	MY	0	---	0	---	1,400,000
Water Storage Tank 1A2	376,345	3,803,822	1,012,000	18	4,149,640	18	0	---	9,341,807
Water Storage Tank 1B1	632,156	7,390,618	0	---	812,000	18	0	---	8,834,774
Water Storage Tank 2A	86,302	5,826,720	676,000	18	0	---	0	---	6,589,022
Water System Improvements 3C	0	0	8,250,000	MY	33,000,000	MY	0	---	41,250,000
Water Treatment Plant Expansion 2A	2,592	250,000	0	---	0	---	500,000	21	752,592
1A & 2A WTP Switchgear Replacement	104,844	3,462,625	2,499,800	18	15,800,000	21	0	---	21,867,269
3B & 3C 4-log Inactivation	3,715	48,481	230,000	MY	920,000	19	0	---	1,202,196

**Project Comments**

- Funding is provided in FY18 for improvements at the WWS Administrative Building, including the main lobby area, elevators, flooring and windows, wall repairs and painting, internal/external building repairs, small equipment replacements, and other miscellaneous repairs.
- Funding is provided in FY18 to replace existing underground fuel tank sump and fuel delivery system to generators which service WWS Administration Buildings 1 & 2.
- Funding is provided in FY18 to replace roofing at the WWS Administrative Complex on buildings 2, 3, 4, 5 & 6.
- Funding is provided in FY18 to replace water meters in one Utility Analysis Zone (UAZ) with Automated Meter Reading (AMR) technology as Phase 1 of a pilot project.
- Funding for Capital Project Support reimburses the Water and Wastewater Operating Fund for project management, staff review, and other administration costs of capital projects.

- Davis Isles is a neighborhood in the City of Dania Beach. Funding is provided in FY18-19 to construct approximately 3,000 linear feet of sanitary sewer, one lift station, and a short run of force main to serve approximately 80 single family homes. While installing the new sewers, approximately 3,200 linear feet of water main that is near the end of its useful life, will be replaced.
- Funding is provided in FY18-22 for the County's portion of lift stations for developer projects, as needed by the County.
- Funding is provided in FY18 for District 2 septic tank elimination in Area 2-Q to install 550 linear feet of gravity sewer and 620 linear feet of water main on NW 14th Avenue between NW 34th Court and Sample Road.
- Funding is provided in FY18 and FY19 for District 2 septic tank elimination in Area 2-G to construct new lift station, force main, and gravity sewer system to service commercial parcels in UAZ 235 on NW 16th Lane and NW 17th Lane, north of Copans Road.
- Funding is provided in FY18 and FY20 for District 2 septic tank elimination in Area 2-F to Construct new lift station, force main, and gravity sewer to serve commercial parcels of UAZ 236 east of Powerline Road between NW 33rd Court and NW 32 Street.
- Funding is provided in FY18 and FY19 for District 3A septic tank elimination in Area 3A-N to construct new lift station, force main, and gravity sewer to serve commercial parcels on SW 33rd Avenue and SW 32nd Avenue.
- Funding is provided in FY21 for District 3A septic tank elimination in Area 3A-O to provide new sanitary sewer and replace water mains in the area north of Stirling Road between SW 40th Avenue and SW 32nd Terrace.
- Funding is provided in FY21 for District 3A septic tank elimination in Area 3A-Y to provide new sanitary sewer and replace water mains in the area north of Griffin Road between SW 43rd Avenue and SW 42nd Avenue.
- Funding is provided in FY18, FY20, an FY22 for the septic tank elimination in District 3BC. The sanitary sewer service area will include parts of UAZ's 359, 360, 361, 364, 365, and 366.
- Funding is provided in FY18 to upgrade the sodium hypochlorite chemical feed system and add an ammonia sulfate chemical feed system at the 3B storage/pumping facility.
- Funding is provided in FY18-22 for required major repairs/replacement of process equipment at the water treatment/distribution facilities that significantly extend the useful life of the equipment. Miscellaneous facility modifications and/or repairs, small consulting studies, and engineering work are also funded from this project to support these facilities.
- Funding is provided in FY18 for the Hillsboro Mile Wastewater System improvements, which includes rehabilitating wastewater pumping stations and replacing force mains and gravity sewers.
- Funding is provided in FY19 to replace the aging and underrated HVAC system at the Incident Command Center (ICC) data center.
- Funding is provided in FY18 to provide an off-site disaster recovery location for mission critical applications and core infrastructure redundancy.
- Funding is provided in FY18 and FY19 to design and construct a generator enclosure and odor control system at Lift Station 222.
- Funding is provided in FY18-22 for lift station rehabilitation projects for which the need arises during the year between budget cycles.
- Funding is provided in FY19 and FY20 to repair and replace miscellaneous equipment at Master Pump Station 220 in order to maintain the reliability of the system.
- Funding is provided in FY18 to upgrade the Maximo Maintenance Management System to improve interfaces with WWS business applications and systems, including GIS, PeopleSoft, Peace and other work order systems.

- Funding is provided in FY18-22 for the Multi-District Infiltration and Inflow Reduction Program. This project funds the cost-effective reduction of inflow/infiltration in WWS retail sewer collection system including the Sewer System Evaluation Study and the cost effective repairs of leaking segments of the sewer system.
- Funding is provided in FY18 to inspect both endwalls for each of the two roadway crossings of the canal between the WWS Administrative Complex and WWS North Regional Wastewater Treatment Plant and restore the embankment.
- Funding is provided in FY18 for the expansion of the reclaimed water transmission system to supply reclaimed water for irrigation in Broward County.
- Funding is provided in FY18 to demolish various obsolete water treatment and storage facilities at water treatment plants and distribution facilities. Also, funding is included for general structural improvements at retail facilities, including hurricane hardening.
- Funding is provided in FY18-22 for sewer main projects for the purpose of eliminating septic tanks, and constructing short water mains, as needed.
- Funding is provided in FY18-22 for a variety of small water and sewer main projects, requiring short line extensions and relocations.
- Funding is provided in FY18 to replace/upgrade the aging sludge handling system at WTP 1A and 2A, including vacuum filters, vacuum receivers, silencers, filtrate pumps and other related equipment.
- Funding is provided in FY18-20 to replace approximately 34,000 linear feet of water main and 34,000 linear feet of sewer main in UAZ 108, which is located in the City of Lauderdale Lakes.
- Funding is provided in FY18 and FY19 to replace approximately 72,000 linear feet of water main and 70,000 linear feet of sewer main in UAZ 110 and UAZ 111, which are located in the City of Lauderdale Lakes.
- Funding is provided in FY18 to replace approximately 80,000 linear feet of water main, 62,000 linear feet of sewer main, and 3,000 linear feet of sewer force main in UAZ 113, which is located in the City of Lauderdale Lakes.
- Funding is provided in FY18 and FY19 to replace approximately 61,000 linear feet of water main and 60,000 linear feet of gravity sewer force main in UAZ 122 and UAZ 123, which are located in the City of Lauderdale Lakes.
- Funding is provided in FY18-21 to perform utility locations related GIS mapping for existing water and sewer infrastructure.
- Funding is provided in FY18 to construct a 1.5 million gallon potable water storage tank and new variable speed pumping station to replace the existing obsolete 0.5 million gallon tank and pumping station at Water Distribution Facility 1A2, and 1,400 feet of new 20-inch water main to provide additional water storage and supply capacity for the expanded District 1 service area south of Sunrise Boulevard in the City of Lauderdale.
- Funding is provided in FY18 to construct a 2 million gallon potable water storage tank and pumping station with variable speed pumps and emergency power to provide increased potable water storage and pumping capacity at WWS Distribution Facility 1B1. This project is to accommodate projected water demand growth. The tank is located south of McNab Road and west of I-95 in the City of Ft. Lauderdale.
- Funding is provided in FY18 for a new 5 million gallon potable water storage tank to replace the existing one million and 0.5 million gallon water tanks, and to make repairs to the existing 5 million gallon water tank at the Water Plant 2A site to accommodate future demand growth. WTP 2A is located south of NE 54 Street and east of Dixie Highway in the City of Pompano Beach.
- Funding is provided in FY19-22 for 3C water system improvements, including improvements to approximately 223,000 feet of undersized water main, improvements to fire protection, and replacement of about 3,800 old galvanized steel service lines which have reached the end of their design life.

**BROWARD COUNTY CAPITAL BUDGET**

- Funding is provided in FY21 for expansion of the treatment capacity of Water Plant 2A to add approximately 6 million gallons per day of reverse osmosis process treatment, based on recommendations from the Alternative Water Supply Master Plan to meet future demand projections.
- Funding is provided in FY18 and FY21 to obsolete 4160-volt and 480-volt switchgear including the main power feed breakers at Water Plans 1A and 2A. This project also includes the development of an electrical master plan for Water Treatment Plant 2A.
- Funding is provided in FY18 and FY19 to provide 4-log inactivation for 3BC service area. This project also includes studies to determine alternatives for 4-log inactivation.

**Funding Schedule**

<b><u>Funding Sources</u></b>	<b><u>FY18</u></b>	<b><u>FY19</u></b>	<b><u>FY20</u></b>	<b><u>FY21</u></b>	<b><u>FY22</u></b>	<b><u>TOTAL</u></b>
Water and Wastewater Revenues	58,454,410	65,366,530	40,706,800	44,093,580	44,293,580	252,914,900
<b>TOTAL</b>	58,454,410	65,366,530	40,706,800	44,093,580	44,293,580	252,914,900

**Funding Requirements**

Design	21,088,540	8,156,950	16,824,000	7,680,000	3,180,000	56,929,490
Construction	36,197,380	53,996,000	20,669,220	32,700,000	37,900,000	181,462,600
Other Capital Costs	1,168,490	3,213,580	3,213,580	3,713,580	3,213,580	14,522,810
<b>TOTAL</b>	58,454,410	65,366,530	40,706,800	44,093,580	44,293,580	252,914,900

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**  
Enterprise/Water & Wastewater

**PROJECT**  
Regional Treatment

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Capital Project Support	N/A	N/A	0	---	0	---	1,709,460	18	1,709,460
NRWWTP* Capacity Improvement	28,051,057	75,055,124	0	---	464,390	18	0	---	103,570,571
NRWWTP* Disposal System - Transmission System	490,463	66,107,619	10,150,000	18	4,500,000	18	0	---	81,248,082
NRWWTP* - Emergency Power System	0	3,700,000	0	---	13,000,000	19	0	---	16,700,000
NRWWTP Effluent Outfall Pump Station	0	0	4,200,000	MY	35,000,000	22	0	---	39,200,000
NRWWTP* Facilities Improvements	6,763,017	53,848,883	2,846,000	18	66,400,000	MY	0	---	129,857,900
Generic NRWWTP* Rehabilitation	358,648	1,340,449	500,000	MY	2,500,000	MY	1,000,000	MY	5,699,097
Septage Receiving Facility Operations/Admin. Bldg.	24,477	3,143,501	57,780	18	100,000	18	0	---	3,325,758

\*NRWWTP - North Regional Wastewater Treatment Plant

**Project Comments**

- Funding for capital project support reimburses the Water and Wastewater Operating Fund for project management, staff review, and other administration costs of the capital projects.
- Funding is provided in FY18 for the expansion of the reclaimed water filter capacity from 10 mgd to 26 mgd at the North Regional Wastewater Treatment Plant.
- Funding is provided in FY18 for the design and construction of a reclaimed water distribution system in northern Broward County.
- Funding is provided in FY19 to construct Electrical Distribution Building 2 with two 2.5-megawatt generators to support the reclaimed water plant. The project also includes diesel fuel tanks, dual Florida Power & Light feeds, a switchgear, and controls.
- Funding is provided in FY19 and FY22 to construct a new effluent outfall pump station.
- Funding is provided in FY18 and FY19 for miscellaneous infrastructure improvements at North Regional Water Wastewater Treatment Plant (NRWWTP) facilities.
- In FY18-22, funding is provided for the renewal and replacement of miscellaneous equipment within the North Regional Wastewater Treatment Plant.
- In FY18, funding is provided to construct and equip a new Septage Receiving Facility operations and administration building.



**BROWARD COUNTY CAPITAL BUDGET**

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**Funding Schedule**

<b><u>Funding Sources</u></b>	<b><u>FY18</u></b>	<b><u>FY19</u></b>	<b><u>FY20</u></b>	<b><u>FY21</u></b>	<b><u>FY22</u></b>	<b><u>TOTAL</u></b>
Water and Wastewater Revenues	42,027,630	60,900,000	800,000	800,000	37,900,000	142,427,630
<b>TOTAL</b>	42,027,630	60,900,000	800,000	800,000	37,900,000	142,427,630
<b><u>Funding Requirements</u></b>						
Design	13,153,780	2,200,000	100,000	100,000	2,200,000	17,753,780
Construction	26,964,390	58,500,000	500,000	500,000	35,500,000	121,964,390
Other Capital Costs	1,909,460	200,000	200,000	200,000	200,000	2,709,460
<b>TOTAL</b>	42,027,630	60,900,000	800,000	800,000	37,900,000	142,427,630

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

Enterprise/Water & Wastewater

**PROJECT**

Regional Transmission

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Capital Project Support	N/A	N/A	0	---	0	---	430,750	18	430,750
Master Pump Station 450 Improvements	956,068	7,326,159	0	---	554,000	18	0	---	8,836,227
Master Pump Station 454 Rehabilitation	66,717	351,939	515,070	18	5,975,000	18	0	---	6,908,726
Master Pump Station 456 Improvements	627,460	4,426,907	0	---	173,990	18	0	---	5,228,357
Master Pump Stations 452 & 458 Rehabilitation	0	0	1,300,000	19	7,000,000	21	0	---	8,300,000
Generic Master Pump Stations Rehabilitation	411	1,810,000	250,000	MY	1,750,000	MY	500,000	MY	4,310,411
Regional Sewer Air Relief Valves	23,066	1,499,908	50,000	18	600,000	18	0	---	2,172,974
Regional Transmission System Master Plan	150	5,000	495,000	18	0	---	0	---	500,150

**Project Comments**

- Funding for capital project support reimburses the Water Wastewater operating fund for project management, staff review, and other administration costs of the capital projects.
- Funding is provided in FY18 for construction for improvements and updating of Master Pump Station 450, located in the City of Lauderdale Lakes.
- Funding is provided in FY18 for the repair and replacement of miscellaneous equipment and station improvements at Master Pump Station 454.
- Funding is provided in FY18 for the repair and replacement of miscellaneous equipment station improvements of Master Pump Station 456.
- Funding is provided in FY19 and FY21 for an engineering study, design, and construction for improvements and updating of Master Pump Stations 452 and 458.
- Funding is provided over the five-year capital program for improvement, renewal, and replacement of equipment related to the Master Pump Station facilities serving the North Regional Wastewater Treatment System.
- Funding is provided in FY18 for the installation of 123 air relief valves in maintenance access structures with incidental restoration work for roadway, sidewalk, curb, and swale areas.
- Funding is provided in FY18 for a comprehensive evaluation of pipe condition to enable prioritization of pipe replacement and detect hidden vulnerabilities in the North Regional Wastewater System.

**BROWARD COUNTY CAPITAL BUDGET**

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**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
Water and Wastewater Revenues	9,293,810	1,800,000	500,000	7,500,000	500,000	19,593,810
<b>TOTAL</b>	9,293,810	1,800,000	500,000	7,500,000	500,000	19,593,810
 <b><u>Funding Requirements</u></b>						
Design	1,110,070	1,350,000	50,000	50,000	50,000	2,610,070
Construction	7,652,990	350,000	350,000	7,350,000	350,000	16,052,990
Other Capital Costs	530,750	100,000	100,000	100,000	100,000	930,750
<b>TOTAL</b>	9,293,810	1,800,000	500,000	7,500,000	500,000	19,593,810

## **OTHER FUNDS**

This section includes nine programs with separate funding sources. The Transit Capital Program is supported by Federal Transit Administration grants and transfers from other funds. The Court Facilities Program is funded by court fees. The Beach Renourishment Program is supported with tourist taxes and State, County and Municipal funds. The Community Development Program is funded by the Federal Community Development Block Grant (CDBG), the Federal Home Investment Partnership Program (HOME) Grant, the Emergency Shelter Grant (ESG), and the State Housing Initiative Partnership (SHIP). The Tourist Development Capital Program is supported by transfers of tourist taxes. The Broward Boating Improvement Program is funded with recreational vessel registration fees. The Public Art and Design Program is supported with fund balances and contributions from other funds in accordance with the Public Art and Design ordinance. The Affordable Housing Capital Program is supported with developer mitigation fees, transfers from the General Fund for an expanded program, and fund balance carried forward from previous years. The Broward Redevelopment Program is supported with fund balance carried forward from previous years.

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**TRANSIT CAPITAL PROGRAM**

	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>
<b>REVENUES</b>					
Federal Transit Administration	21,272,730	21,272,730	21,272,730	21,272,730	21,272,730
Transfer from the Transit Operating Fund	4,096,890	1,143,280	920,080	947,670	976,100
Transfer from Transportation Concurrency Fund	10,000,000	0	0	0	0
<b>TOTAL REVENUES</b>	<b><u>\$35,369,620</u></b>	<b><u>\$22,416,010</u></b>	<b><u>\$22,192,810</u></b>	<b><u>\$22,220,400</u></b>	<b><u>\$22,248,830</u></b>

**APPROPRIATIONS**

**Bus and Vehicle Acquisition/Replacement/Maintenance Program**

Buses	8,229,340	10,162,090	9,755,610	7,244,350	9,299,170
Community Bus Replacements	900,000	900,000	900,000	900,000	900,000
Paratransit Vehicle Acquisition	0	0	1,495,000	1,495,000	1,495,000
Replacement/New Vehicles	0	0	0	109,020	0
Capital Maintenance and Preventive Maintenance	2,846,370	2,571,280	2,648,390	2,727,850	2,809,700
Paratransit Maintenance Converter & Nozzle	309,000	272,000	0	0	0
Tire Leasing	1,776,000	1,829,280	1,884,160	1,940,680	1,998,900
<b>Subtotal</b>	<b><u>14,060,710</u></b>	<b><u>15,734,650</u></b>	<b><u>16,683,160</u></b>	<b><u>14,416,900</u></b>	<b><u>16,502,770</u></b>

**Infrastructure Improvement/Maintenance Program**

Bus Stop Infrastructure and Improvements	325,000	325,000	325,000	325,000	325,000
ADA Bus Stop & Facility Improvements	300,000	300,000	300,000	300,000	300,000
Maintenance Shop Equipment	406,000	362,180	368,550	418,550	425,100
<b>Subtotal</b>	<b><u>1,031,000</u></b>	<b><u>987,180</u></b>	<b><u>993,550</u></b>	<b><u>1,043,550</u></b>	<b><u>1,050,100</u></b>

**Security Program**

Maintenance/Replacement - Campus Surveillance Security (CCTV)	386,880	398,480	410,440	422,750	435,430
Maintenance - Vehicle Surveillance System	243,130	250,420	257,940	265,670	273,650
<b>Subtotal</b>	<b><u>630,010</u></b>	<b><u>648,900</u></b>	<b><u>668,380</u></b>	<b><u>688,420</u></b>	<b><u>709,080</u></b>

**TRANSIT CAPITAL PROGRAM**

	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>
<b><u>Information Technology Program</u></b>					
Giro Hastus Bidding & Dispatching Upgrade	264,800	0	0	0	0
AssetWorks Fleet Anywhere Suites Upgrade	0	0	0	250,000	0
Transit Software and Hardware	1,818,630	1,921,730	1,671,100	2,390,270	1,949,330
Paratransit Software Maintenance and Upgrades	0	0	0	1,000,000	0
Transit Point-of-Sale System	200,000	0	0	0	0
Farebox Upgrades	1,487,810	1,000,000	0	0	0
PC Capital Replacement	50,000	25,000	25,000	25,000	25,000
<b>Subtotal</b>	<b><u>3,821,240</u></b>	<b><u>2,946,730</u></b>	<b><u>1,696,100</u></b>	<b><u>3,665,270</u></b>	<b><u>1,974,330</u></b>
<b><u>Administrative and Contractual Costs</u></b>					
Capital Cost Contracting	79,770	79,770	79,770	79,770	79,770
Planning Studies	800,000	0	250,000	250,000	0
IT Administrative Costs	550,000	566,500	583,500	601,000	619,030
Project Management	300,000	309,000	318,270	327,820	337,650
Transit Asset Management Plan	0	0	0	200,000	0
<b>Subtotal</b>	<b><u>1,729,770</u></b>	<b><u>955,270</u></b>	<b><u>1,231,540</u></b>	<b><u>1,458,590</u></b>	<b><u>1,036,450</u></b>
<b><u>Non-Grant Projects</u></b>					
Copans Road Fiber Technology	242,000	250,000	0	0	0
Construction Management Division - Project Management	217,260	223,780	230,490	237,400	244,520
Contractual Services - Architectural/Design Services	650,000	669,500	689,590	710,270	731,580
Reserve for Miramar Park & Ride	2,987,630	0	0	0	0
Reserve for Buses (County Match)	10,000,000	0	0	0	0
<b>Subtotal</b>	<b><u>14,096,890</u></b>	<b><u>1,143,280</u></b>	<b><u>920,080</u></b>	<b><u>947,670</u></b>	<b><u>976,100</u></b>
<b>TOTAL APPROPRIATIONS</b>	<b><u>\$35,369,620</u></b>	<b><u>\$22,416,010</u></b>	<b><u>\$22,192,810</u></b>	<b><u>\$22,220,400</u></b>	<b><u>\$22,248,830</u></b>

**PROGRAM**  
Transit Capital

**PROJECT**  
Grant-Funded Capital Projects

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Grant Funded Capital Projects	N/A	N/A	0	---	0	---	106,363,650	MY	106,363,650

**Project Comments**

- Funding for all of the FY18-22 Transit Grant-Funded Capital Program comes from the Section 5307 grant agreements with the Federal Transit Administration (FTA). After approval of Broward County Transit's capital program, the FTA provides 100 percent of project funding. Broward County is not required to match the capital grant due to Toll Revenue Credits from the Florida Department of Transportation.
- The FTA's review of capital grant programs on a single-year basis prevents finalizing costs of "out-year" projects.

**Bus and Vehicle Acquisition/Replacement/Maintenance Program**

- In FY18, \$8.2 million is appropriated for replacement of approximately 16 fixed-route buses. An additional \$36.4 million is programmed in FY19-22.
- A total of \$4.5 million is programmed over the 5 year capital program for the purchase of replacement community buses. Through contractual agreements with municipalities, these buses are used for neighborhood shuttle services that increase access to the fixed route system.
- \$4.4 million is programmed in FY20-22 for the purchase of paratransit vehicles.
- \$109,020 is programmed in FY21 for other Transit support vehicles.
- In FY18-22, a total of \$13.6 million is provided as part of the capital and preventive maintenance program. The program covers costs for parts, equipment, and labor associated with preventive maintenance on buses.
- \$581,000 is programmed in FY18 and FY19 for the conversion of MV-1 Paratransit vehicles from gasoline to propane fuel.
- In FY18-22, a total of \$9.4 million is programmed to lease tires for the fixed-route buses.

**Infrastructure Improvement/Maintenance Programs**

- In FY18-22, \$1.6 million is budgeted for countywide bus stop infrastructure improvements.
- In FY18-22, \$1.5 million is programmed for ADA improvements to bus stops and transit facilities Countywide.
- \$1.9 million is programmed in FY18-22 for various maintenance shop equipment.

**Security Related Programs**

- A total of \$3.3 million is appropriated over the 5 year capital program for maintenance and replacement of security cameras and vehicle surveillance systems.

**Information Technology Programs**

- \$264,800 is budgeted in FY18 for upgrades to Transit's dispatch system.
- \$250,000 is programmed in FY21 for upgrades to the AssetWorks Fleet Anywhere software suites.
- Over the 5 year capital program, \$9.7 million is allocated for maintenance and licensing of software and hardware.
- In FY21, \$1 million is programmed for software maintenance and upgrades to the paratransit system.
- \$200,000 is programmed in FY18 for implementation of an integrated inventory and point-of-sales system.
- In FY18 and FY19, \$2.4 million is programmed for upgrades to the farebox system.
- Over the 5 year capital program, \$150,000 is programmed for eligible PC replacement originally funded with federal grant funds.

**Administrative and Contractual Costs**

- \$398,850 is programmed in FY18-22 for the capital cost of contracting to assist municipalities in maintaining community buses provided by the County.
- In FY18-22, \$1.3 million is programmed for planning studies that will assess the County's existing Transit system and address its growing needs.
- \$4.5 million is programmed over the 5 year capital program for project management expenses, IT support, and miscellaneous capital items.
- \$200,000 is programmed in FY21 for a Transit Asset Management plan as required by the Federal Transit Administration.

**Funding Schedule**

<b><u>Funding Sources</u></b>	<b><u>FY18</u></b>	<b><u>FY19</u></b>	<b><u>FY20</u></b>	<b><u>FY21</u></b>	<b><u>FY22</u></b>	<b><u>TOTAL</u></b>
Federal Transit Administration	21,272,730	21,272,730	21,272,730	21,272,730	21,272,730	106,363,650
<b>TOTAL</b>	21,272,730	21,272,730	21,272,730	21,272,730	21,272,730	106,363,650

**Funding Requirements**

Bus and Vehicle Acquisition/Replacement/Maintenance Program	14,060,710	15,734,650	16,683,160	14,416,900	16,502,770	77,398,190
Infrastructure Improvement/Maintenance Programs	1,031,000	987,180	993,550	1,043,550	1,050,100	5,105,380
Security Related Programs	630,010	648,900	668,380	688,420	709,080	3,344,790
Information Technology Related Programs	3,821,240	2,946,730	1,696,100	3,665,270	1,974,330	14,103,670
Administrative and Contractual Costs	1,729,770	955,270	1,231,540	1,458,590	1,036,450	6,411,620
<b>TOTAL</b>	21,272,730	21,272,730	21,272,730	21,272,730	21,272,730	106,363,650



**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**  
Transit Capital

**PROJECT**  
Non-Grant Capital Projects

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Copans Road Technology	N/A	N/A	0	---	0	---	492,000	MY	492,000
Construction Management Division - Project Management	N/A	N/A	0	---	0	---	1,153,450	MY	1,153,450
Contractual Services - Architectural Services	N/A	N/A	0	---	0	---	3,450,940	MY	3,450,940
Reserves for Miramar Park & Ride	N/A	N/A	0	---	0	---	2,987,630	18	2,987,630
Reserves for Buses (County Match)	N/A	N/A	0	---	0	---	10,000,000	18	10,000,000

**Project Comments**

- The Transit Concurrency Program is funded with fees collected from developers that are transferred from the County Transportation Trust Fund. The Transportation Concurrency Management System divides Broward County into ten Concurrency Districts; however, two districts maintained the existing roadway concurrency system supported with impact fees.
- \$492,000 is programmed in FY18 and FY19 to expand the County's fiber network to the Copans Road Transit Facility in order to increase existing bandwidth in order to transport Transit's CAD/AVL applications to Peak10.
- Over the 5 year capital program, \$1.1 million is programmed to cover project management services provided by the County's Construction Management Division.
- \$3.4 million is programmed in FY18-22 for contracted architectural and design services related to various ongoing projects such as bus stop infrastructure, transit facilities, and park-and-ride facilities.
- A total of \$12.9 million is set aside in FY18 for cost increases related to the Miramar Park & Ride project and County match of competitive grants for the purchase of new and replacement buses .

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
Transfer from Transit Operating Fund	4,096,890	1,143,280	920,080	947,670	976,100	8,084,020
Transfer from County Transportation Concurrency Fund	10,000,000	0	0	0	0	10,000,000
<b>TOTAL</b>	14,096,890	1,143,280	920,080	947,670	976,100	18,084,020

**Funding Requirements**

Copans Road Technology	242,000	250,000	0	0	0	492,000
Construction Management Division - Project Management	217,260	223,780	230,490	237,400	244,520	1,153,450
Contractual Services - Architectural Services	650,000	669,500	689,590	710,270	731,580	3,450,940
Reserves for Miramar Park & Ride	2,987,630	0	0	0	0	2,987,630
Reserves for Buses (County Match)	10,000,000	0	0	0	0	10,000,000
<b>TOTAL</b>	14,096,890	1,143,280	920,080	947,670	976,100	18,084,020

**TRANSIT CAPITAL**

**Federal Transit Administration Capital Grant Fund (39000)**

<b>REVENUES</b>	<b><u>FY18</u></b>
Federal Transit Administration	21,272,730
<b>TOTAL</b>	<b>\$21,272,730</b>
<b>APPROPRIATIONS</b>	
Bus and Vehicle Acquisition/Replacement/Maintenance Program	14,060,710
Infrastructure Improvement/Maintenance Program	1,031,000
Security Program	630,010
Information Technology Program	3,821,240
Administrative and Contractual Costs	1,729,770
<b>TOTAL</b>	<b>\$21,272,730</b>

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**Mass Transit Capital Non-Grant Fund (35120)**

<b>REVENUES</b>	<b><u>FY18</u></b>
Transfer from the Transit Operating Fund (10025)	4,096,890
Transfer from the County Transportation Trust Concurrency Fund (11525)	10,000,000
<b>TOTAL</b>	<b>\$14,096,890</b>
<b>APPROPRIATIONS</b>	
Copans Road Fiber Technology	242,000
Construction Management Division - Project Management Services	217,260
Contractual Services -Architectural/Design Services	650,000
Reserves for Future Capital Projects	12,987,630
<b>TOTAL</b>	<b>\$14,096,890</b>

**COURT FACILITIES PROGRAM**

	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>
<b>REVENUES</b>					
Court Facility Fee Assessment	3,500,000	3,150,000	2,992,500	2,992,500	2,992,500
Interest Earnings	130,000	130,000	110,000	90,000	70,000
Less 5%	(181,500)	(164,000)	(155,130)	(154,130)	(153,130)
Fund Balance	950,000	0	0	0	0
<b>TOTAL REVENUES</b>	<b><u>\$4,398,500</u></b>	<b><u>\$3,116,000</u></b>	<b><u>\$2,947,370</u></b>	<b><u>\$2,928,370</u></b>	<b><u>\$2,909,370</u></b>
<b>APPROPRIATIONS</b>					
<b><u>Facilities Operations</u></b>					
Public Defender: Rent	412,530	0	0	0	0
State Attorney's Office: Rent	552,890	0	0	0	0
<b>Subtotal</b>	<b><u>965,420</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>
<b><u>Transfers</u></b>					
Transfer to Debt Service	3,433,080	3,116,000	2,947,370	2,928,370	2,909,370
<b>Subtotal</b>	<b><u>3,433,080</u></b>	<b><u>3,116,000</u></b>	<b><u>2,947,370</u></b>	<b><u>2,928,370</u></b>	<b><u>2,909,370</u></b>
<b>TOTAL APPROPRIATIONS</b>	<b><u>\$4,398,500</u></b>	<b><u>\$3,116,000</u></b>	<b><u>\$2,947,370</u></b>	<b><u>\$2,928,370</u></b>	<b><u>\$2,909,370</u></b>

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**  
Court Facilities

**PROJECT**  
Facilities Operations

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Facilities Operations	N/A	1,386,390	0	---	0	---	965,420	18	2,351,810

**Project Comments**

- In accordance with the authority granted by Section 318.18 Florida Statutes, the County Commission has authorized a \$30 surcharge, which will be imposed for any non-criminal traffic infraction or violation effective July 1, 2004 to fund state court facilities. The court shall not waive this surcharge.
- Facilities Operations include rental and utility expenses for office space leases for the Public Defender and the State Attorney.
- The Public Defender and State Attorney offices are expected to relocate to the renovated Midrise Building in FY18.

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
Court Facilities Revenues	965,420	0	0	0	0	965,420
<b>TOTAL</b>	965,420	0	0	0	0	965,420
<b><u>Funding Requirements</u></b>						
Other	965,420	0	0	0	0	965,420
<b>TOTAL</b>	965,420	0	0	0	0	965,420

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**  
Court Facilities

**PROJECT**  
Transfers

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design		Construction		Other		
			FY	FY	FY	FY	FY	FY	
Transfer to Debt Service	N/A	N/A	0	---	0	---	15,334,190	MY	15,334,190

**Project Comments**

- In FY18-22, funding is transferred to the debt service fund to repay a portion of the new Main Courthouse bonds.
- Additional funding for Courthouse related capital projects can be found in the General Capital Program section of this document.

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
Court Facilities Fee Fund	3,433,080	3,116,000	2,947,370	2,928,370	2,909,370	15,334,190
<b>TOTAL</b>	3,433,080	3,116,000	2,947,370	2,928,370	2,909,370	15,334,190

**Funding Requirements**

Transfer to Debt Service	3,433,080	3,116,000	2,947,370	2,928,370	2,909,370	15,334,190
<b>TOTAL</b>	3,433,080	3,116,000	2,947,370	2,928,370	2,909,370	15,334,190

**BROWARD COUNTY CAPITAL BUDGET**

**BEACH RENOURISHMENT CAPITAL PROGRAM**

	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>
<b>REVENUES</b>					
State Grant Segment II	88,000	0	0	0	0
City Reimbursements Segment II	4,508,000	4,508,000	0	0	0
City Reimbursements Segment III	0	0	5,302,000	5,302,000	5,302,000
State Grant Port Inlet Management Plan	14,000,000	0	0	0	0
City Reimbursements Port Inlet Management Plan	0	0	1,548,000	0	0
Transfer from Tourist Tax Fund	7,000,000	7,000,000	7,000,000	7,000,000	7,000,000
Interest Earnings	500,000	300,000	300,000	150,000	50,000
Less 5%	(25,000)	(15,000)	(15,000)	(7,500)	(2,500)
Fund Balance	350,000	1,565,000	3,130,000	0	1,700,000
<b>TOTAL REVENUES</b>	<b><u>\$26,421,000</u></b>	<b><u>\$13,358,000</u></b>	<b><u>\$17,265,000</u></b>	<b><u>\$12,444,500</u></b>	<b><u>\$14,049,500</u></b>
<b>APPROPRIATIONS</b>					
<b><u>Beach Renourishment</u></b>					
Segment II Beach Project	2,500,000	0	0	0	0
Segment II Hotspot Projects	0	0	1,794,000	9,931,500	9,829,500
Segment III Beach Project	21,566,000	9,430,000	9,971,000	0	0
Sand Dune Restoration	25,000	25,000	25,000	25,000	25,000
<b>Subtotal Beach Renourishment</b>	<b><u>24,091,000</u></b>	<b><u>9,455,000</u></b>	<b><u>11,790,000</u></b>	<b><u>9,956,500</u></b>	<b><u>9,854,500</u></b>
<b><u>Port Everglades Inlet Management Plan</u></b>					
Monitoring	250,000	258,000	265,000	273,000	280,000
Sand Recovery	0	0	4,695,000	0	0
Reserve for Sand Recovery	1,565,000	3,130,000	0	1,700,000	3,400,000
<b>Subtotal Port Everglades Inlet Management Plan</b>	<b><u>1,815,000</u></b>	<b><u>3,388,000</u></b>	<b><u>4,960,000</u></b>	<b><u>1,973,000</u></b>	<b><u>3,680,000</u></b>
<b><u>Support Costs</u></b>					
Beach Program Support	515,000	515,000	515,000	515,000	515,000
<b>Subtotal Program Support</b>	<b><u>515,000</u></b>	<b><u>515,000</u></b>	<b><u>515,000</u></b>	<b><u>515,000</u></b>	<b><u>515,000</u></b>
<b>TOTAL APPROPRIATIONS</b>	<b><u>\$26,421,000</u></b>	<b><u>\$13,358,000</u></b>	<b><u>\$17,265,000</u></b>	<b><u>\$12,444,500</u></b>	<b><u>\$14,049,500</u></b>

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

Beach Renourishment

**PROJECTS**

Beach Renourishment & Port Everglades Inlet Management Plan

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Segment II Beach Project	40,224,411	16,736,205	0	---	0	---	2,500,000	18	59,460,616
Segment II Hotspot Projects	0	0	1,794,000	20	19,761,000	MY	0	---	21,555,000
Port Everglades Inlet Management Plan - Sand Bypass	4,002,981	32,379,235	0	---	0	---	1,326,000	MY	37,708,216
Port Everglades Inlet Management Plan - Sand Recovery	N/A	N/A	0	---	0	---	14,490,000	MY	14,490,000
Segment III Beach Project	442,690	15,356,280	0	---	35,292,700	MY	5,674,300	MY	56,765,970
Sand Dune Restoration	5,000	52,000	0	---	0	---	125,000	MY	182,000
Beach Program Support	N/A	N/A	0	---	0	---	2,575,000	MY	2,575,000

**Project Comments**

**Beach Renourishment**

- Beach renourishment is the placement of sand on eroded beaches to restore shoreline position and sand volume. Beach restoration is important to protect private and public property from damage or destruction by storm waves. Tremendous economic gains are also realized when tourists visit our beaches.
- The Segment II Beach Renourishment Project brought 750,000 cubic yards of sand to 4.9 miles of Pompano Beach, Lauderdale-By-The-Sea, and Fort Lauderdale Beaches. Beach fill was completed in January, 2017. Procurement for construction of a mitigation reef is in progress. Funds for a federal reauthorization study are added to the project in FY18, which qualifies the County to receive federal funding for an additional 15 years. Funds are programmed in FY20-22 for design and construction of hotspot sand fill projects, which will extend the useful life of the beach.
- The County is in the design phase of the Segment III Beach Renourishment Project. The project is estimated to place 980,000 cubic yards of sand on the beaches of the Mizell-Eula Johnson State Park, Dania Beach, Hollywood, and Hallandale Beach using a combination of truck haul and dredging.
- The County will continue to pursue federal, state and city reimbursements for all projects. Federal and state reimbursements are subject to legislative appropriations. During the 2017 Florida State Legislative Session, approximately \$88,000 was appropriated to Broward County for Segment II and \$14 million was appropriated for the Sand Bypass. During previous legislative sessions, \$9.43 million was appropriated for Segment II, \$248,000 was appropriated for Segment III, and \$492,500 was appropriated for the Sand Bypass. As the County continues to obtain federal and state appropriations for beach renourishment projects, the local cost share with municipalities is reduced accordingly.
- The Sand Dune Restoration Grant Program is funded at \$25,000 per year to support progress towards the goal of achieving 80% dune coverage along the coastline to act as a protective barrier against sand erosion and storm surge.

- Support costs include a reimbursement to the General Fund for indirect costs associated with beach projects. Annual funding is also provided to two dedicated positions in the Environmental Planning and Community Resilience Division for work on beach renourishment and sand bypass projects and for portions of other positions that work on the Beach Capital program but are budgeted in other funds.
- The quality of Broward County's beaches has a significant impact on tourism in the County. As a result, tourist taxes are used to support beach renourishment projects.

**Port Everglades Inlet Management Plan**

- The deep-draft channel and rock jetties of the inlet at Port Everglades interrupt sand transport to downdrift shorelines. The sand bypass project is intended to bring about 50,000 cubic yards of sand on an annual basis to the beaches south of the inlet by constructing a sand trap north of the inlet and conducting regular dredging. Construction of the sand trap for this project is in the permitting process with the first dredging expected to occur in FY20 at a cost of \$4.7 million. Sand will be recovered from the trap every three years. Sand recovery funds are reserved each year in order to "smooth" the annual funding needs of the entire beach renourishment program.



**COMMUNITY DEVELOPMENT CAPITAL**

<b>REVENUES</b>	<b><u>FY18</u></b>	<b><u>FY19</u></b>	<b><u>FY20</u></b>	<b><u>FY21</u></b>	<b><u>FY22</u></b>
Community Development Block Grant (CDBG)	2,495,450	2,495,450	2,495,450	2,495,450	2,495,450
Home Investment Partnerships Grant (HOME)	2,508,530	2,508,530	2,508,530	2,508,530	2,508,530
Emergency Shelter Grants (ESG)	192,010	192,010	192,010	192,010	192,010
State Housing Initiatives Partnership (SHIP)	2,221,880	0	0	0	0
<b>TOTAL REVENUES</b>	<b><u>\$7,417,870</u></b>	<b><u>\$5,195,990</u></b>	<b><u>\$5,195,990</u></b>	<b><u>\$5,195,990</u></b>	<b><u>\$5,195,990</u></b>

**APPROPRIATIONS**

**Housing and Urban Development Grant Programs**

Rental/Single Family Housing Rehabilitation	1,977,560	1,977,560	1,977,560	1,977,560	1,977,560
Public Service Projects	548,620	548,620	548,620	548,620	548,620
New Housing Construction or Assistance	1,901,690	1,901,690	1,901,690	1,901,690	1,901,690
Capital Improvement Projects	768,120	768,120	768,120	768,120	768,120
<b>Subtotal</b>	<b><u>5,195,990</u></b>	<b><u>5,195,990</u></b>	<b><u>5,195,990</u></b>	<b><u>5,195,990</u></b>	<b><u>5,195,990</u></b>

**State Housing Initiatives Partnership (SHIP)**

State Housing Initiatives Partnership Programs	2,221,880	0	0	0	0
<b>Subtotal</b>	<b><u>2,221,880</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>

<b>TOTAL APPROPRIATIONS</b>	<b><u>\$7,417,870</u></b>	<b><u>\$5,195,990</u></b>	<b><u>\$5,195,990</u></b>	<b><u>\$5,195,990</u></b>	<b><u>\$5,195,990</u></b>
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**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

Community Development Capital

**PROJECT**

Housing and Urban Development Grant and State Housing Initiatives Partnership Programs

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Rental/Single Family Housing Rehabilitation	0	0	0	---	9,887,800	MY	0	---	9,887,800
Public Service Projects	0	0	0	---	2,743,100	MY	0	---	2,743,100
New Housing Construction or Assistance	0	0	0	---	9,508,450	MY	0	---	9,508,450
Capital Improvement Projects	0	0	0	---	3,840,600	MY	0	---	3,840,600
State Housing Initiative Partnership (SHIP) Programs	0	0	0	---	2,221,880	18	0	---	2,221,880

**Project Comments**

- The Community Development Block Grant Program (CDBG), Home Investment Partnerships Grant (HOME) and Emergency Shelter Grants (ESG) are funded by the Federal Government through the Department of Housing and Urban Development (HUD). The FY18-22 programmed funding is assumed to be equal to the amount awarded in FY17 until HUD notifies the County of the FY18 award. Specific community development projects will be identified in the Annual Action Plan and approved by the Board of County Commissioners once the FY18 award is final.
- The State Housing Initiatives Partnership Program (SHIP) is funded by the State of Florida through the Florida Housing Finance Corporation. The FY18 award is assumed to be equal to the FY17 award in the FY18-22 Community Development Capital Program until the State notifies the County of the final FY18 allocation. Budgets for specific SHIP projects will be approved by the Board of County Commissioners at a commission meeting once the FY18 award becomes known.

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
Federal Housing and Urban Development Grants	5,195,990	5,195,990	5,195,990	5,195,990	5,195,990	25,979,950
State Housing Initiative Partnership (SHIP)	2,221,880	0	0	0	0	2,221,880
TOTAL	7,417,870	5,195,990	5,195,990	5,195,990	5,195,990	28,201,830

**Funding Requirements**

Rental/Single Family Housing Rehabilitation	1,977,560	1,977,560	1,977,560	1,977,560	1,977,560	9,887,800
Public Service Projects	548,620	548,620	548,620	548,620	548,620	2,743,100
New Housing Construction or Assistance	1,901,690	1,901,690	1,901,690	1,901,690	1,901,690	9,508,450
Capital Improvement Projects	768,120	768,120	768,120	768,120	768,120	3,840,600
State Housing Initiative Partnership (SHIP) Programs	2,221,880	0	0	0	0	2,221,880
TOTAL	7,417,870	5,195,990	5,195,990	5,195,990	5,195,990	28,201,830

**TOURIST DEVELOPMENT CAPITAL PROGRAM**

	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>
<b>REVENUES</b>					
Transfer from Tourist Tax Fund	14,828,260	13,891,190	10,694,500	10,694,000	8,694,550
Fund Balance	1,100,000	0	0	0	0
<b>TOTAL REVENUES</b>	<b><u>\$15,928,260</u></b>	<b><u>\$13,891,190</u></b>	<b><u>\$10,694,500</u></b>	<b><u>\$10,694,000</u></b>	<b><u>\$8,694,550</u></b>
<b>APPROPRIATIONS</b>					
<b><u>Convention Center Major Renovations, Repairs, and Maintenance</u></b>					
Digital Radio System Conversion	300,000	0	0	0	0
Concession Stand Renovations	800,000	0	0	0	0
Kitchen & Operating Equipment	200,000	0	100,000	400,000	200,000
Restroom ADA Renovations	1,500,000	1,500,000	0	0	0
Roof Replacement (2002 Expansion Area)	0	0	0	500,000	1,200,000
Exterior Elastomeric Coating	0	0	0	1,000,000	0
Carpeting Replacement	0	0	300,000	0	500,000
Escalator Replacement	0	1,500,000	1,500,000	0	0
Elevator Controls Replacement/Upgrade	0	100,000	0	0	0
Minor Maintenance Projects	100,000	100,000	100,000	100,000	100,000
<b>Subtotal Convention Center Major Renovations, Repairs, Maintenance</b>	<b><u>2,900,000</u></b>	<b><u>3,200,000</u></b>	<b><u>2,000,000</u></b>	<b><u>2,000,000</u></b>	<b><u>2,000,000</u></b>
<b><u>Other Costs</u></b>					
Arena Agreement Annual Contribution	8,064,920	8,691,190	6,694,500	6,694,000	4,694,550
Capital Challenge Grant Program	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Convention Center Expansion, Parking Garage and Site Work	2,963,340	0	0	0	0
<b>Subtotal Other Costs</b>	<b><u>12,028,260</u></b>	<b><u>9,691,190</u></b>	<b><u>7,694,500</u></b>	<b><u>7,694,000</u></b>	<b><u>5,694,550</u></b>
<b><u>Reserves</u></b>					
Reserve for Convention Center Maintenance Contingency	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
<b>Subtotal Reserves</b>	<b><u>1,000,000</u></b>	<b><u>1,000,000</u></b>	<b><u>1,000,000</u></b>	<b><u>1,000,000</u></b>	<b><u>1,000,000</u></b>
<b>TOTAL APPROPRIATIONS</b>	<b><u>\$15,928,260</u></b>	<b><u>\$13,891,190</u></b>	<b><u>\$10,694,500</u></b>	<b><u>\$10,694,000</u></b>	<b><u>\$8,694,550</u></b>

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

Tourist Development Capital Program

**PROJECT**

Tourist Tax-Funded Projects

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Concession Stand Renovations	0	900,000	0	---	800,000	18	0	---	1,700,000
Digital Radio System Conversion	0	0	0	---	300,000	18	0	---	300,000
Elevator Controls	0	0	0	---	100,000	19	0	---	100,000
Kitchen and Operating Equipment	53,729	146,271	0	---	0	---	900,000	MY	1,100,000
Restroom ADA Renovations	958,063	150,000	0	---	3,000,000	MY	0	---	4,108,063
Roof Replacement (2002 Expansion Area)	0	0	0	---	1,700,000	MY	0	---	1,700,000
Exterior Elastomeric Coating	0	0	0	---	1,000,000	21	0	---	1,000,000
Carpeting Replacement	0	0	0	---	800,000	MY	0	---	800,000
Escalator Replacement	0	0	0	---	3,000,000	MY	0	---	3,000,000
Minor Maintenance Projects	98,044	199,438	0	---	500,000	MY	0	---	797,482
Convention Center Expansion, Parking Garage and Site Work	1,767,586	27,155,896	0	---	0	---	2,963,340	18	31,886,822
Capital Challenge Grant Program	0	4,000,000	0	---	0	---	5,000,000	MY	9,000,000
Reserve for Convention Center Maintenance Contingency	N/A	N/A	0	---	0	---	5,000,000	MY	5,000,000
Arena Agreement Annual Contribution	12,000,000	12,000,000	0	---	0	---	34,839,160	MY	58,839,160

**Project Comments**

- In FY18-22, \$12,100,000 is provided for major renovations, repairs and maintenance at the Convention Center based on the planned maintenance and replacement schedule for these items.
- In FY18-22, \$5,000,000 is provided for the Capital Challenge Grant Program that is funded with tourist development taxes. This grant program will provide financial assistance to organizations in Broward County to enhance Broward County as a tourist destination.
- Reserves are budgeted for project contingencies at \$1,000,000 per year in FY18-22 to ensure sufficient funds are available for unforeseen capital maintenance needs for this 26-year-old building.
- \$3.0 million is budgeted in FY18 for pre-development work related to the Convention Center expansion, parking garage and site work.
- In accordance with the arena agreement, \$34.8 million is programmed over the five-year capital program, with net contributions declining from \$8.7 million to \$4.7 million by the end of the five years.

**BROWARD BOATING IMPROVEMENT PROGRAM**

	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>
<b>REVENUES</b>					
Vessel Registration Fees	450,000	450,000	450,000	450,000	450,000
Interest Earnings	30,000	30,000	30,000	30,000	30,000
Less 5%	(24,000)	(24,000)	(24,000)	(24,000)	(24,000)
Fund Balance	654,000	0	0	0	0
<b>TOTAL REVENUES</b>	<b><u>\$1,110,000</u></b>	<b><u>\$456,000</u></b>	<b><u>\$456,000</u></b>	<b><u>\$456,000</u></b>	<b><u>\$456,000</u></b>
<b>APPROPRIATIONS</b>					
BSO Derelict Vessel Removal	50,000	0	0	0	0
Hollywood Linear Boaters Park Phase I	100,000	0	0	0	0
Reserve for Future Capital Outlay	960,000	456,000	456,000	456,000	456,000
<b>TOTAL APPROPRIATIONS</b>	<b><u>\$1,110,000</u></b>	<b><u>\$456,000</u></b>	<b><u>\$456,000</u></b>	<b><u>\$456,000</u></b>	<b><u>\$456,000</u></b>

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

Broward Boating Improvement

**PROJECT**

Broward Boating Improvement Program

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
BSO Derelict Vessel Removal	0	0	0	---	0	---	50,000	18	50,000
Hollywood Linear Boaters Park Phase I Floating Dock	0	0	100,000	18	0	---	0	---	100,000
Reserve for Future Capital Outlay	N/A	N/A	0	---	0	---	2,784,000	MY	2,784,000

**Project Comments**

- 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. The applications are reviewed, scored, and ranked by the MAC during a three-month process in the fall. The MAC then forwards their recommendation for funding to the County Commission.
- The projects approved by the MAC for FY18-22 include the design of a floating dock in the City of Hollywood and funds for the BSO Derelict Vessel Removal Program.

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
Fund Balance	654,000	0	0	0	0	654,000
Vessel Registration Fees	450,000	450,000	450,000	450,000	450,000	2,250,000
Interest Earnings	30,000	30,000	30,000	30,000	30,000	150,000
Less 5%	(24,000)	(24,000)	(24,000)	(24,000)	(24,000)	(120,000)
<b>TOTAL</b>	<b>1,110,000</b>	<b>456,000</b>	<b>456,000</b>	<b>456,000</b>	<b>456,000</b>	<b>2,934,000</b>

**Funding Requirements**

BSO Derelict Vessel Removal	50,000	0	0	0	0	50,000
Hollywood Linear Boaters Park Phase I	100,000	0	0	0	0	100,000
Reserve for Future Capital Outlay	960,000	456,000	456,000	456,000	456,000	2,784,000
<b>TOTAL</b>	<b>1,110,000</b>	<b>456,000</b>	<b>456,000</b>	<b>456,000</b>	<b>456,000</b>	<b>2,934,000</b>

## BROWARD COUNTY CAPITAL BUDGET

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**PROGRAM**

Public Art and Design Trust Fund

**PROJECT**Public Art and Design Program

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- The Broward County Public Art and Design (PAD) ordinance was established to create an enhanced visual environment for the residents of Broward County, to integrate the design work of artists into the development of County capital improvement projects, and to promote tourism and economic vitality through the artistic design of public places. The ordinance instituted a requirement for contributions for art funding based on a percentage of eligible cost components for eligible capital improvement projects. The Public Art and Design Ordinance was amended January 25, 2011 requiring functionally integrated public artwork and also providing the option for the Board of County Commissioners to appropriate a public art amount different from the percentage prescribed in the ordinance on a project by project basis. The ordinance was further amended in November 2011 to require the Board of County Commissioners' approval of artist design proposals when the total art budget is \$100,000 or more or if the project recommended is a freestanding artwork.
- The percentages for public art provided in the ordinance are as follows: Two percent of the eligible County Capital Projects to construct or renovate any park, road beautification, bridge or causeway, sidewalk, bikeway, above grade utility, land acquisition for greenways, and to construct or renovate any building except detention facilities. One percent for highway and arterial road projects, except projects in the unincorporated areas. Eligible construction costs means the total capital project appropriation, including engineering and design, less demolition costs, equipment costs, real property acquisition costs and soil remediation costs. Funding for repairs, maintenance and installation of mechanical equipment or modifications required solely for the Americans with Disabilities Act (ADA) are not eligible for PAD funding.
- The public art allocations fund integrated works of art that create a sense of place, that improve the visual environment for the residents of Broward County and that advance the missions of the County departments where the projects reside. Commissioned artworks are the result of interaction between selected artists and interested constituent groups during the design stages of the projects.
- Per the ordinance, a portion of each public art allocation is allocated to fund future program support and conservation costs to maintain the art into the future.
- Public art allocations funded with unrestricted revenues are transferred to the Public Art Trust Fund. Bond, grant, enterprise and other restricted appropriations remain within their respective funds. Public art allocations are pooled at the Airport and Port for highly visible art locations identified in the Fort Lauderdale-Hollywood International Airport Public Art Master Plan and the Port Everglades Public Art Master Plan or other projects identified by the Agencies.
- Proposed Public Art and Design allocations generated by eligible FY18 capital projects are presented by fund on the next page. The proposed allocations shown are based on the percentages provided in the ordinance. The final amount allocated for public art and design, scope of work and project locations will be determined by the appropriate agencies upon board approval.
- FY18 Art Projects include: 1) Highways Davie Road Extension Dog Park Pooling (\$70,000), 2) Municipal Services District Median Art (\$220,000), 3) Lauderhill Transit Center (\$160,000), 4) Port Everglades Cruise Terminal 2 (\$100,000), 5) Port Everglades Cruise Terminal 25/Midport Garage Design Concepts (\$10,000), 6) Port Everglades Cruise Terminal 29 Projected Artwork (\$75,000), 7) Port Everglades Cruise Terminal 25 Exterior Art (\$250,000), 8) Port Everglades Cruise Terminal 4 Parking Garage (\$350,000), 9) Port Everglades Entry Canopies (\$100,000), 10) Port Everglades Exterior Poles (\$25,000), 11) Port Everglades Exterior Fences (\$30,000), 12) Port Everglades Planters (\$20,000), 13) North Perry Airport Pooling for Multiple Projects (\$600,000), 14) Parks Environmental Art (\$50,000), 15) Governmental Center Artwork (\$50,000), 16) Water and Wastewater Video pooling (\$1,000), 17) Port Everglades Cruise Terminal 25 Interior Art (\$500,000).
- Conservation and Collection Management projects over \$5,000 shall include: 1) Pooling for relocation of "Sailfish Ascending in Three Stages" (\$22,500), 2) Main Library "Solar Time Plane" (\$10,000), 3) South Regional Library "Shadow Boxing" (\$10,000), 4) Port Everglades Artwork Relocations (\$25,000), 5) Port Everglades Elevator Doors (\$5,000), 6) Airport "Please Loose My Suitcase Full of Blues" (\$15,000), 7) Parks "Island Garden" (\$10,000), 8) Dillard Green Space (\$8,000), 9) Fort Lauderdale Hollywood International Airport "Sunrise to Sunset" (\$35,000).
- There are six PAD positions budgeted to administer the program. Five of these positions are budgeted in the Cultural Fund's operating budget, while a sixth is budgeted in the Aviation Department at a cost of \$85,730.

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**  
Public Art and Design Trust Fund

**PROJECT**  
Public Art and Design Program

**FY18 CAPITAL PROJECTS PUBLIC ART ALLOCATIONS**

Capital Project	Total Project Costs**	FY18 Project Budget	FY18 PAD Allocation, per the ordinance*	FY18 Recommended Allocation	Explanation of FY18 Recommendation
<b>Port Everglades</b>					
Cruise Terminal 25	114,962,599	75,412,600	1,508,252	TBD	FY18 art allocation is based on the total eligible project expenses.
<b>Total Port Everglades</b>	<b>\$114,962,599</b>	<b>\$75,412,600</b>	<b>\$1,508,252</b>	<b>TBD</b>	
<b>General Capital</b>					
Everglades Holiday Park Levee Wall	926,000	821,000	14,140	14,140	FY18 art allocation is based on the total eligible project expenses.
Everglades Holiday Park Construction Phase II	8,270,668	2,071,000	41,420	41,420	FY18 art allocation is based on the total eligible project expenses.
Miramar Pineland Improvements	3,362,460	1,900,000	38,000	38,000	FY18 art allocation is based on the total eligible project expenses.
<b>Total General Capital</b>	<b>\$12,559,128</b>	<b>\$4,792,000</b>	<b>\$93,560</b>	<b>\$93,560</b>	
<b>Broward Municipal Services District Capital (BMSD)</b>					
Lafayette Hart Parking Addition	150,000	150,000	2,500	2,500	FY18 art allocation is based on the total eligible project expenses.
<b>Total BMSD Capital</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$2,500</b>	<b>\$2,500</b>	
<b>Transportation</b>					
Davie Road Extension, Stirling to University	4,666,498	820,000	33,000	33,000	FY18 art allocation is based on the total eligible project expenses, less state grant contributions.
Andrews Avenue Bascule Bridge Rehabilitation	9,626,623	2,357,630	185,330	185,330	FY18 art allocation is based on the total eligible project expenses, less state grant contributions.
<b>Total Transportation</b>	<b>\$14,293,121</b>	<b>\$3,177,630</b>	<b>\$218,330</b>	<b>\$218,330</b>	
<b>Convention Center</b>					
Concession Stand Renovation	1,700,000	800,000	16,000	16,000	FY18 art allocation is based on the total eligible project expenses.
<b>Total Convention Center</b>	<b>\$1,700,000</b>	<b>\$800,000</b>	<b>\$16,000</b>	<b>\$16,000</b>	

\* Per the PAD ordinance, art allocation is 2% of the eligible project costs. Road projects are funded at 1% of the eligible project costs unless the project is located in the Unincorporated area.

\*\* The Total Project Costs includes the cumulative project amount including funds budgeted in all fiscal years.



**AFFORDABLE HOUSING CAPITAL PROGRAM**

	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>
<b>REVENUES</b>					
Affordable Housing Mitigation Fee	80,000	80,000	80,000	80,000	80,000
Interest Earnings	10,000	10,000	10,000	10,000	10,000
Less 5%	(4,500)	(4,500)	(4,500)	(4,500)	(4,500)
Transfer from General Fund	15,000,000	0	0	4,000,000	4,000,000
Fund Balance	600,000	10,000,000	5,000,000	0	0
<b>TOTAL REVENUES</b>	<b><u>\$15,685,500</u></b>	<b><u>\$10,085,500</u></b>	<b><u>\$5,085,500</u></b>	<b><u>\$4,085,500</u></b>	<b><u>\$4,085,500</u></b>
<b>APPROPRIATIONS</b>					
Affordable Housing Projects	5,000,000	5,000,000	5,000,000	4,000,000	4,000,000
Housing Council Website	75,000	75,000	75,000	75,000	75,000
<b>Subtotal</b>	<b><u>5,075,000</u></b>	<b><u>5,075,000</u></b>	<b><u>5,075,000</u></b>	<b><u>4,075,000</u></b>	<b><u>4,075,000</u></b>
<b><u>Reserves</u></b>					
Reserves	10,610,500	5,010,500	10,500	10,500	10,500
<b>Subtotal</b>	<b><u>10,610,500</u></b>	<b><u>5,010,500</u></b>	<b><u>10,500</u></b>	<b><u>10,500</u></b>	<b><u>10,500</u></b>
<b>TOTAL APPROPRIATIONS</b>	<b><u>\$15,685,500</u></b>	<b><u>\$10,085,500</u></b>	<b><u>\$5,085,500</u></b>	<b><u>\$4,085,500</u></b>	<b><u>\$4,085,500</u></b>

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

Affordable Housing Capital

**PROJECT**

Affordable Housing Capital Projects

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design		Construction		Other		
			FY	FY	FY	FY	FY	FY	
Affordable Housing Projects	N/A	N/A	0	---	0	---	23,000,000	MY	23,000,000
Housing Council Website	190,237	98,850	0	---	0	---	375,000	MY	664,087
Reserves	N/A	N/A	0	---	0	---	15,652,500	MY	15,652,500

**Project Comments**

- To continue progress toward the goal of increasing the County's affordable housing stock by 10,000 units, a total of \$23 million is transferred from the General Fund over the next five years to the Affordable Housing Capital Fund for the development and construction of affordable housing. Of this, \$15 million is reallocated from the General Fund Reserve for Economic Development (FY18), and \$8 million represents 50% of the estimated savings associated with expiring tax increment obligations to community redevelopment agencies (FY21-22). About 3,000 new units are expected to be constructed using transfers from the General Fund over the next 20 years.
- Other Broward County housing programs that support the goal of increasing the County's affordable housing stock by 10,000 units include state and federal housing grants to the County and its municipalities, a state 9% tax credit set-aside, and projects funded through the Housing Finance Authority. Approximately 8,000 affordable units are expected to be added through existing Non-General Fund programs over the next 20 years.
- As part of the Affordable Housing Capital Program, funds are provided for a position to develop content and provide technical support for the Housing Council website in order to provide information about resources, services, programs, and funding opportunities for those in need of affordable housing.

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
Affordable Housing Mitigation Fee	80,000	80,000	80,000	80,000	80,000	400,000
Interest Earnings	10,000	10,000	10,000	10,000	10,000	50,000
Less 5%	(4,500)	(4,500)	(4,500)	(4,500)	(4,500)	(22,500)
Transfer from General Fund	15,000,000	0	0	4,000,000	4,000,000	23,000,000
Fund Balance	600,000	10,000,000	5,000,000	0	0	15,600,000
<b>TOTAL</b>	<b>15,685,500</b>	<b>10,085,500</b>	<b>5,085,500</b>	<b>4,085,500</b>	<b>4,085,500</b>	<b>39,027,500</b>
<b>Funding Requirements</b>						
Housing Council Website	75,000	75,000	75,000	75,000	75,000	375,000
Affordable Housing Projects	5,000,000	5,000,000	5,000,000	4,000,000	4,000,000	23,000,000
Reserves	10,610,500	5,010,500	10,500	10,500	10,500	15,652,500
<b>TOTAL</b>	<b>15,685,500</b>	<b>10,085,500</b>	<b>5,085,500</b>	<b>4,085,500</b>	<b>4,085,500</b>	<b>39,027,500</b>

**BROWARD REDEVELOPMENT PROGRAM**

	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>
<b>REVENUES</b>					
Fund Balance	10,200,000	0	0	0	0
<b>TOTAL REVENUES</b>	<b><u>\$10,200,000</u></b>	<b><u>\$0</u></b>	<b><u>\$0</u></b>	<b><u>\$0</u></b>	<b><u>\$0</u></b>
<b>APPROPRIATIONS</b>					
Housing Redevelopment Support	110,000	0	0	0	0
Reserves	10,090,000	0	0	0	0
<b>Subtotal</b>	<b><u>10,200,000</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>
<b>TOTAL APPROPRIATIONS</b>	<b><u>\$10,200,000</u></b>	<b><u>\$0</u></b>	<b><u>\$0</u></b>	<b><u>\$0</u></b>	<b><u>\$0</u></b>

**BROWARD COUNTY CAPITAL BUDGET**

**PROGRAM**

Broward Redevelopment Program

**PROJECT**

Redevelopment Projects

**Funding Summary**

	Actual Expenses Through FY16	Modified FY17 Budget	FY18-22						Total
			Design	FY	Construction	FY	Other	FY	
Redevelopment Projects and Support	34,712,870	12,530,222	0	---	0	---	110,000	18	47,353,092
Reserves	N/A	N/A	0	---	0	---	10,090,000	18	10,090,000

**Project Comments**

- The Broward Redevelopment Program funds projects in areas of Broward County with blighted conditions, high unemployment, and declining property values. Eligible applicants are municipalities, community redevelopment agencies, and County agencies. Eligible projects include those that remove blight, increase employment, are environmentally friendly, increase affordable housing, and/or are child care facilities seeking accreditation. Funds are budgeted on a project-by-project basis when approved by the Board of County Commissioners.
- Funding is also provided in the Broward Redevelopment Capital program in FY18 for a position to review and administer projects in redevelopment areas.
- This program is primarily supported by fund balances transferred from the General Fund. Additional funds will be transferred in future years when available.

**Funding Schedule**

<u>Funding Sources</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>TOTAL</u>
Fund Balance	10,200,000	0	0	0	0	10,200,000
<b>TOTAL</b>	10,200,000	0	0	0	0	10,200,000
<u>Funding Requirements</u>						
Redevelopment Support	110,000	0	0	0	0	110,000
Reserves	10,090,000	0	0	0	0	10,090,000
<b>TOTAL</b>	10,200,000	0	0	0	0	10,200,000

## **DEBT SERVICE BUDGET**

Local governments traditionally issue debt to pay for capital projects for several reasons. First, the cost of these projects is normally too high to absorb into an annual budget. Second, due to inflationary increases, the cost of delaying a project until it can be financed on a pay-as-you-go basis can approach the costs of financing. Third, financing spreads the cost of the project to future populations who also benefit from the use of the facility or improvement paid for with the borrowed funds.

The revenue sources pledged to debt costs are diverse. There are two outstanding "general obligation" bond issues, which are funded through voter-approved property tax levies. Debt service issues from enterprise agencies pledge a specific unique source such as water and sewer charges, or airport rents and landing fees. The County has also issued long-term debt, which pledges other "non-ad valorem revenue" sources including sales taxes, state revenue sharing, interest earnings, and other miscellaneous fees and charges. The Courthouse Bonds utilize non-ad valorem revenue sources as the primary pledge.

The FY18 total net debt service budget is approximately \$789.1 million, which is 0.2% greater than the modified FY17 debt service budget of \$787.3 million. The change in debt service is primarily due to the \$91 million increase in the Aviation debt service budget and the \$88 million decrease in debt service attributable to the refunding of the 2006A Civic Arena Bonds and retirement of the 2007 Loan Pool debt service. The remaining variances in debt service budgets reflect programmed changes in debt service schedules.

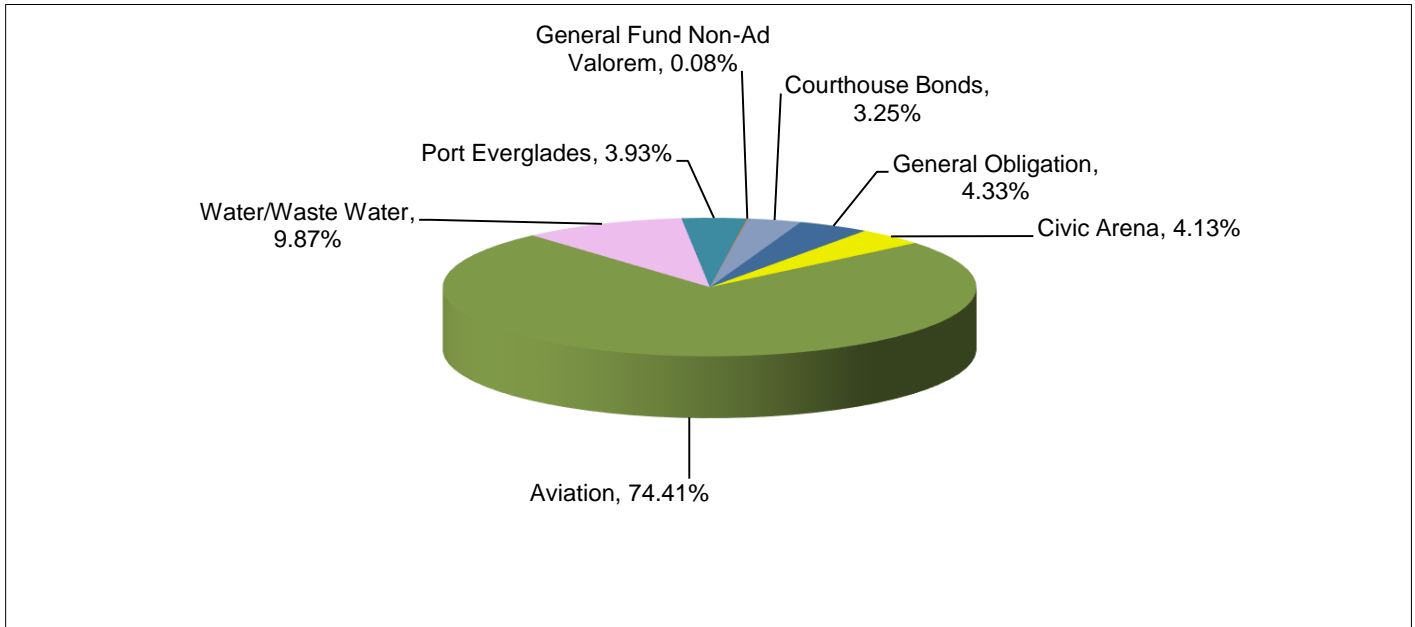
This section is organized in the following manner:

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**DEBT SERVICE FUND SUMMARY**

	<u><b>FY17</b></u> <u><b>Modified</b></u>	<u><b>FY18</b></u>
<b><u>GENERAL DEBT SERVICE</u></b>		
Libraries General Obligation Bonds	11,949,500	11,950,250
Parks/Land Preservation General Obligation Bonds	22,900,700	22,905,300
2005 Loan Pool	634,240	636,480
2006B and 2016 Civic Arena Refunding Bonds	120,005,357	33,268,420
2007 Loan Pool	1,330,000	0
2010 Courthouse Bonds	<u>25,905,740</u>	<u>26,208,120</u>
<b>Subtotal General Debt Service</b>	<b><u>182,725,537</u></b>	<b><u>94,968,570</u></b>
Less Transfers	(17,283,580)	(16,641,890)
<b>Total General Debt Service (Net of Transfers)</b>	<b>165,441,957</b>	<b>78,326,680</b>
<b><u>ENTERPRISE DEBT SERVICE</u></b>		
Aviation Bonds	508,634,510	599,597,130
Port Everglades Bonds	34,124,900	31,658,380
Water/Wastewater Bonds	<u>79,097,430</u>	<u>79,537,270</u>
<b>Subtotal Enterprise Debt Service</b>	<b><u>621,856,840</u></b>	<b><u>710,792,780</u></b>
<b>Total All Debt Funds (Including Transfers)</b>	<b>\$804,582,377</b>	<b>\$805,761,350</b>
Less Transfers	(17,283,580)	(16,641,890)
<b>TOTAL DEBT SERVICE (Net of Transfers)</b>	<b><u>\$787,298,797</u></b>	<b><u>\$789,119,460</u></b>

**OVERVIEW OF FY18 DEBT SERVICE APPROPRIATIONS**



	<b><u>FY18 Debt Service</u></b>	<b><u>FY18 Reserves</u></b>	<b><u>FY18 Transfers</u></b>	<b><u>FY18 Total</u></b>
Libraries General Obligation Bonds	11,950,250	0	0	11,950,250
Parks/Land Pres. General Obligation Bonds	22,905,300	0	0	22,905,300
2005 Loan Pool	636,480	0	0	636,480
2006B and 2016 Civic Arena Refunding Bonds	12,626,530	4,000,000	16,641,890	33,268,420
2010 Courthouse Bonds	15,804,660	10,403,460	0	26,208,120
Aviation Bonds	173,509,270	426,087,860	0	599,597,130
Port Everglades Bonds	21,331,390	10,326,990	0	31,658,380
Water/Wastewater Bonds	36,143,320	43,393,950	0	79,537,270
<b>TOTAL DEBT SERVICE</b>	<b><u>\$294,907,200</u></b>	<b><u>\$494,212,260</u></b>	<b><u>\$16,641,890</u></b>	<b><u>\$805,761,350</u></b>

**FY18 DEBT SERVICE REVENUE SUMMARY**

	<u>Total</u>	<u>Taxes</u>	<u>Charges</u>
<b>GENERAL DEBT SERVICE</b>			
Libraries General Obligation Bonds	11,950,250	12,570,210	0
Parks/Land Pres. General Obligation Bonds	22,905,300	24,077,950	0
2005 Loan Pool	636,480	0	0
2006B and 2016 Civic Arena Refunding Bonds	33,268,420	0	0
2010 Courthouse Bonds	26,208,120	0	0
<b>Total General Debt Service</b>	<u>\$94,968,570</u>	<u>\$36,648,160</u>	<u>\$0</u>
<b>ENTERPRISE DEBT SERVICE</b>			
Aviation	599,597,130	0	130,665,950
Port Everglades	31,658,380	0	32,935,130
Water/Wastewater	79,537,270	0	35,405,740
<b>Total Enterprise Debt Service</b>	<u>\$710,792,780</u>	<u>\$0</u>	<u>\$199,006,820</u>
<b>TOTAL DEBT SERVICE</b>	<u>\$805,761,350</u>	<u>\$36,648,160</u>	<u>\$199,006,820</u>



**FY18 DEBT SERVICE REVENUE SUMMARY (continued)**

<u>Other</u>	<u>Less 5%</u>	<u>Transfers</u>	<u>Fund Balance</u>
9,000	(628,960)	0	0
32,890	(1,205,540)	0	0
621,480	0	15,000	0
2,681,530	(134,080)	25,320,970	5,400,000
2,697,150	0	13,332,970	10,178,000
<u>\$6,042,050</u>	<u>(\$1,968,580)</u>	<u>\$38,668,940</u>	<u>\$15,578,000</u>
55,747,240	0	0	413,183,940
389,480	(1,666,230)	0	0
776,400	(38,820)	0	43,393,950
<u>\$56,913,120</u>	<u>(\$1,705,050)</u>	<u>\$0</u>	<u>\$456,577,890</u>
<b><u>\$62,955,170</u></b>	<b><u>(\$3,673,630)</u></b>	<b><u>\$38,668,940</u></b>	<b><u>\$472,155,890</u></b>

**BROWARD COUNTY DEBT SERVICE BUDGET**

As seen in the following charts, Broward County continues to maintain favorable General Obligation Debt ratios.

**BONDED DEBT PER CAPITA (as of October 1st)**

<u>Fiscal Year</u>	<u>General Obligation Debt</u>	<u>Population</u>	<u>General Obligation Debt Per Capita</u>
1998	335,340,000	1,542,412	217.41
1999	314,655,000	1,579,359	199.23
2000	292,880,000	1,623,018	180.45
2001	405,175,000	1,653,520	245.04
2002	368,200,000	1,678,572	219.35
2003	334,095,000	1,701,251	196.38
2004	492,140,000	1,722,430	285.72
2005	611,605,000	1,742,157	351.06
2006	577,775,000	1,747,655	330.60
2007	535,920,000	1,741,657	307.71
2008	493,615,000	1,739,708	283.73
2009	446,330,000	1,738,093	256.79
2010	393,665,000	1,748,066	225.20
2011	356,215,000	1,753,162	203.18
2012	328,500,000	1,771,099	185.48
2013	308,390,000	1,783,773	172.89
2014	287,335,000	1,790,952	160.44
2015	265,235,000	1,784,715	148.61
2016	242,025,000	1,803,903	134.17
2017	217,640,000	1,827,367	119.10
2018	193,155,000	1,883,695	102.54

**RATIO OF BONDED DEBT TO ASSESSED VALUE**

<u>Fiscal Year</u>	<u>General Obligation Debt</u>	<u>Assessed Value</u>	<u>Ratio Debt/ Property Value</u>
1998	335,340,000	60,431,721,329	0.55%
1999	314,655,000	64,855,561,395	0.49%
2000	292,880,000	69,579,998,090	0.42%
2001	405,175,000	74,984,033,876	0.54%
2002	368,200,000	81,987,370,728	0.45%
2003	334,095,000	91,014,603,162	0.37%
2004	492,140,000	101,709,083,191	0.48%
2005	611,605,000	113,935,918,177	0.54%
2006	577,775,000	132,000,679,684	0.44%
2007	535,920,000	157,396,026,036	0.34%
2008	493,615,000	175,937,539,663	0.28%
2009	446,330,000	166,433,893,384	0.27%
2010	393,665,000	148,810,509,176	0.26%
2011	356,215,000	129,964,271,186	0.27%
2012	328,500,000	126,414,014,099	0.26%
2013	308,390,000	127,087,774,573	0.24%
2014	287,335,000	132,105,781,266	0.22%
2015	265,235,000	140,996,733,219	0.19%
2016	242,025,000	150,678,233,275	0.16%
2017	217,640,000	162,958,452,859	0.13%
2018	193,155,000	177,301,192,592	0.11%

**Libraries 2007A**  
**General Obligation Refunding Bonds**

**DESCRIPTION OF DEBT SERVICE:**

To refinance a portion of the Series 2001A General Obligation Bonds, which provided funding to construct, renovate, improve, and equip new and expanded libraries. The debt service costs for those projects are supported with ad valorem taxes and interest income.

<b>REVENUES:</b>	<b>FY16 <u>Actual</u></b>	<b>FY17 <u>Budget</u></b>	<b>FY18 <u>Budget</u></b>
Ad Valorem Taxes	11,886,507	12,357,890	12,570,210
Interest Income	8,372	10,000	9,000
Less 5%	0	(618,390)	(628,960)
Fund Balance	262,000	200,000	0
<b>Total</b>	<b>12,156,879</b>	<b>11,949,500</b>	<b>11,950,250</b>

**APPROPRIATIONS:**

Principal	9,080,000	9,540,000	10,030,000
Interest	2,864,650	2,404,500	1,915,250
Other Costs	0	5,000	5,000
<b>Total</b>	<b>11,944,650</b>	<b>11,949,500</b>	<b>11,950,250</b>

**DEBT SERVICE HIGHLIGHTS:**

- County voters authorized issuance of \$139.9 million in General Obligation Bonds in March 1999 to construct, renovate, improve, and equip libraries countywide. Bonds were issued in 2001.
- A portion of the 2001A General Obligation Bonds were refunded in May 2007. The refunding generated savings of more than \$4 million over the original debt.
- The refunded rate is 5.3 percent, and interest payments are scheduled semi-annually in January and July.
- The Series 2001A bonds were repaid in fiscal year 2012, leaving remaining payments on the Series 2007A bonds.
- The debt will be completed in fiscal year 2021.

**Parks and Land Preservation  
Series 2007B and 2012  
General Obligation Refunding Bonds**

**DESCRIPTION OF DEBT SERVICE:**

These Bonds provided funding to purchase and restore various forms of environmentally sensitive lands, and for the renovation and expansion of Broward County regional and neighborhood parks. The debt service costs are funded by ad valorem taxes and interest income.

<b>REVENUES:</b>	<b>FY16 <u>Actual</u></b>	<b>FY17 <u>Budget</u></b>	<b>FY18 <u>Budget</u></b>
Ad Valorem Taxes	24,205,103	23,753,690	24,077,950
Interest Income	32,369	38,000	32,890
Less 5%	0	(1,189,580)	(1,205,540)
Fund Balance	61,000	298,590	0
<b>Total</b>	<b>24,298,472</b>	<b>22,900,700</b>	<b>22,905,300</b>

**APPROPRIATIONS:**

Principal	15,305,000	14,945,000	15,550,000
Interest	8,628,725	7,950,700	7,350,300
Other Costs	1,372	5,000	5,000
<b>Total</b>	<b>23,935,097</b>	<b>22,900,700</b>	<b>22,905,300</b>

**DEBT SERVICE HIGHLIGHTS:**

- County voters authorized the issuance of General Obligation Bonds in November 2000 for parks projects and land acquisitions not to exceed \$400 million. Up to \$200 million was approved for land acquisition and up to \$200 million was approved for park system expansion and improvements.
- In 2004, \$187,770,000 was issued for 20 years. In 2005, \$154,135,000 was issued for 20 years, for a total of \$341,905,000 of debt. The bond issue was reduced from the \$400 million authorized by voters due to the accrual of tax dollars, which occurred in the period after the voter approval and before the debt was issued.
- A portion of the Series 2004 Parks and Land Preservation General Obligation Bonds was refunded in FY07, yielding a savings exceeding \$2.6 million over the term of the loan. Interest rates of the refunded series range between 4.1 and 4.2 percent.
- The Series 2004 bonds were fully refunded in fiscal year 2012 and the Series 2005 bonds were repaid in fiscal year 2016, leaving remaining payments on the Series 2007B and 2012 bonds.
- A portion of the Series 2004 and 2005 Parks and Land Preservation General Obligation Bonds was refunded in FY12, yielding a present value savings of \$11.4 million over the term of the loan. Interest rates of the refunded Series range between 2 and 5 percent. The debt will be completed in fiscal year 2025.

**DESCRIPTION OF DEBT SERVICE:**

To refinance a portion of the 2000 loan attributable to the completion debt for the Civic Arena Project. The cost is entirely supported by payments from the Broward County Civic Arena.

<b>REVENUES:</b>	<b>FY16 <u>Actual</u></b>	<b>FY17 <u>Budget</u></b>	<b>FY18 <u>Budget</u></b>
Interest Income	(34)	0	0
Reimbursement from Arena Operator	620,928	624,240	621,480
Transfer from Arena Debt Service Fund	15,000	10,000	15,000
<b>Total</b>	<b>635,894</b>	<b>634,240</b>	<b>636,480</b>

**APPROPRIATIONS:**

Principal	315,000	335,000	350,000
Interest	305,928	289,240	271,480
Other Costs	9,888	10,000	15,000
<b>Total</b>	<b>630,816</b>	<b>634,240</b>	<b>636,480</b>

**DEBT SERVICE HIGHLIGHTS:**

- The Florida Panthers are obligated by various agreements to pay the debt service associated with this borrowing.
- The portion of the original 2000 Loan attributable to the completion debt for cost increases on the Broward County Civic Arena was refunded in FY05. Refunding has yielded savings of \$482,000 over the previous loan.
- Interest paid on the refunding averages 5 percent.
- Payments will be concluded in fiscal year 2028.

**Series 2006B and 2016 Civic Arena  
Refunding Bonds**

**DESCRIPTION OF DEBT SERVICE:**

To refinance the 1996 Broward County Civic Arena Bonds. The 2006 Civic Arena Refunding Bonds are primarily payable from the Professional Sports Franchise Facilities Taxes, the Professional Sports Franchise Sales Tax Rebate, a portion of the County's share of arena operating income, and investment earnings. These bonds are backed by a secondary pledge of County non-ad valorem revenues to cover debt service shortfalls if necessary. In 2017, 2016 Series Refunding Bonds were issued to refund the remaining portions of the 2006A Series Bonds.

	<b>FY16 Actual</b>	<b>FY17 Modified Budget</b>	<b>FY18 Budget</b>
<b>REVENUES:</b>			
Interest Income	61,614	6,000	60,000
Guaranteed Rent Payment	3,995,525	3,997,890	2,621,530
Less 5%	0	(200,190)	(134,080)
Bond Issued - Refunding	0	71,990,000	0
Premiums on Bonds Issued	0	11,813,227	0
Transfer from Two Cent Tourist Tax Revenue Fund	26,570,939	25,464,430	25,320,970
Fund Balance	8,403,000	6,934,000	5,400,000
<b>Total</b>	<b>39,031,078</b>	<b>120,005,357</b>	<b>33,268,420</b>
<b>APPROPRIATIONS:</b>			
Principal	7,410,000	7,755,000	7,295,000
Interest	6,585,525	6,242,890	5,326,530
Other Costs	3,400	5,000	5,000
Bond Issuance Costs	0	691,460	0
Payment to Refunded Bond Escrow Agent	0	83,908,634	0
Transfer to Convention and Visitor's Bureau	18,083,730	16,728,080	16,626,890
Transfer to 2005 Loan Pool	15,000	10,000	15,000
Reserve for Arena Trustee	0	4,664,293	4,000,000
<b>Total</b>	<b>32,097,655</b>	<b>120,005,357</b>	<b>33,268,420</b>

**DEBT SERVICE HIGHLIGHTS:**

- The Civic Arena is a multi-purpose sports and entertainment facility, which serves as the home ice of the Florida Panthers Hockey Club (a National Hockey League franchise).
- The Civic Arena Bonds are secured with three primary pledged revenue sources. The Professional Sports Franchise Facilities Tax is a two percent transient lodging tax ("Bed Tax") imposed on the same base as Tourist Development Taxes. The Professional Sports Franchise Sales Tax Rebate consists of \$2 million received annually from the Florida Department of Revenue for facilities associated with new professional sport franchises. These two revenues are transferred from the Two Cent Tourist Tax Revenue Fund.
- Surplus two cent tourist taxes are transferred to the Convention and Visitor's Bureau Fund for marketing the destination in accordance with Florida Statutes.
- The remaining portions of the 2006A Series bonds were refunded in fiscal year 2017, providing an average annual savings of approximately \$1.4 million, for a total savings of approximately \$14.7 million. In FY18, the guaranteed rent payment from the Panthers decreased \$1.4 million which is offset by a \$1.4 million decrease in the debt service payments resulting in a net zero fiscal impact to the County.
- Payments will be concluded in fiscal year 2028.

**DESCRIPTION OF DEBT SERVICE:**

To refund the 1997 Loan Pool debt service, which provided funding for the construction and expansion of corrections facilities and to assist the Housing Finance Authority in the purchase of an office building. Non-ad valorem revenues were pledged toward the repayment of this debt.

<b>REVENUES:</b>	<b>FY16 <u>Actual</u></b>	<b>FY17 <u>Budget</u></b>	<b>FY18 <u>Budget</u></b>
Interest Income	21,948	20,000	0
Less 5%	0	(1,000)	0
Fund Balance	2,073,000	1,311,000	0
<b>Total</b>	<b>2,094,948</b>	<b>1,330,000</b>	<b>0</b>

**APPROPRIATIONS:**

Principal	720,000	750,000	0
Interest	58,313	30,000	0
Other Costs	3,147	4,500	0
Transfer to General Capital Outlay Fund	0	545,500	0
<b>Total</b>	<b>781,460</b>	<b>1,330,000</b>	<b>0</b>

**DEBT SERVICE HIGHLIGHTS:**

- In May 2007, the Series 2007 First Florida Refunding Bonds were issued to refinance the 1997 First Florida Loan Pool bonds, with a net savings of \$571,350.
- The total issuance amount was \$9,200,000.
- Interest payments were made semi-annually in January and July based on rates ranging between 3.7 to 4.4 percent.
- The bonds issued for the Housing Finance Authority office building were repaid in FY15.
- Debt service for the construction and expansion of correction facilities was repaid in FY17.

**DESCRIPTION OF DEBT SERVICE:**

To provide financing for the construction of a replacement Courthouse. Half-cent sales tax revenues are pledged for the repayment of these bonds.

<b>REVENUES:</b>	<b>FY16 Actual</b>	<b>FY17 Budget</b>	<b>FY18 Budget</b>
Interest Income	(11,805)	0	0
Annual Rebates from the Federal Government	2,697,574	2,697,150	2,697,150
Transfer from General Fund	8,909,570	9,106,200	9,899,890
Transfer from Court Facility Fee Fund	4,217,390	4,217,390	3,433,080
Fund Balance	9,883,000	9,885,000	10,178,000
<b>Total</b>	<b>25,695,729</b>	<b>25,905,740</b>	<b>26,208,120</b>

**APPROPRIATIONS:**

Principal	3,965,000	4,165,000	4,470,000
Interest	11,747,778	11,544,530	11,328,660
Other Costs	0	6,000	6,000
Reserve Trustee Debt Service Payment	0	10,190,210	10,403,460
<b>Total</b>	<b>15,712,778</b>	<b>25,905,740</b>	<b>26,208,120</b>

**DEBT SERVICE HIGHLIGHTS:**

- The County issued \$218 million in revenue bonds in June 2010. The bonds will be retired in October 2040.
- Interest payments are paid semi-annually in October and April and are based on interest rates ranging from 2.5 to 6.6 percent.
- The 2010 Courthouse Bonds were issued to complete the funding package for the replacement of the outdated central and west wings of the existing main courthouse. The bonds are supplementing existing funds from the General Capital Outlay Fund. The total cost of the replacement courthouse and parking garages is projected at \$319 million.
- This debt service is funded with transfers from the General Fund, the Court Facility Fee Fund, and annual rebates from the federal government.



**DESCRIPTION OF DEBT SERVICE:**

To provide funds for the expansion and improvement of airport facilities, runways, and land at the Fort Lauderdale/Hollywood International Airport.

<b>REVENUES:</b>	<b>FY16 <u>Actual</u></b>	<b>FY17 <u>Modified Budget</u></b>	<b>FY18 <u>Budget</u></b>
Passenger Facility Charges	34,999,095	34,892,740	34,891,970
State Grants	7,087,516	6,062,820	0
Federal Grants	22,400,687	20,000,000	0
Loans Issued	0	0	51,822,000
Interest Earnings	1,665,696	3,806,220	3,925,240
Operating Revenue	68,954,912	78,562,940	95,773,980
Fund Balance	297,255,983	365,309,790	413,183,940
<b>Total</b>	<b>432,363,889</b>	<b>508,634,510</b>	<b>599,597,130</b>

**APPROPRIATIONS:**

Interest	75,743,201	73,417,250	106,151,780
Principal	51,293,750	53,840,000	63,620,000
Other Debt Service Costs	3,026,266	20,000	3,737,490
Reserve for Future Debt Service Payments <sup>1</sup>	0	279,177,100	276,768,740
Debt Service Reserve	0	102,180,160	149,319,120
<b>Total</b>	<b>130,063,217</b>	<b>508,634,510</b>	<b>599,597,130</b>

<sup>1</sup> This represents funding for future principal and interest payable on Airport System Revenue Bonds issued for the South Runway Expansion project.

**DEBT SERVICE HIGHLIGHTS:**

- The total amount of outstanding debt as of FY17 is \$1,857,000,000 (based on current debt).
- The increase in budgeted interest and other debt service costs for FY18 relates to the Series 2015A and Series 2017A-B (which is planned to be issued in Fall, 2017).
- The decrease in the Reserve for Future Debt Service Payments is due to planned reductions in this reserve, as funds set aside for this purpose are used to make debt service payments.
- The increase in the budgeted Debt Service Reserve is primarily due to the increased reserve requirement associated with the anticipated 2017A-B bond issuance.
- The "Loans Issued" budgeted in FY18 (\$51,822,000) were issued in FY16 for bond issuance costs and reserves.

## BROWARD COUNTY DEBT SERVICE BUDGET

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- Airport System Revenue Refunding Bonds, Series 2009O refunded the outstanding debt on Series 2008N. Interest paid on the Series O bonds ranges from 2 percent to 5.4 percent. Principal and interest payments for Series O will be paid from airport system revenues and continue until calendar year 2029.
- Airport System Revenue Bonds, Series 2012P refunded the outstanding debt on the following bond series, resulting in net present value savings of approximately \$39.9 million over 15 years:
  - Airport System Revenue Refunding Bonds, Series 1998E, issued for \$75.6 million, which defeased the outstanding debt of Series B
  - Airport System Revenue Bonds, Series 1998G issued for \$63.5 million
  - Airport System Revenue Bonds, Series 2001J1 (taxable) issued for \$136 million
  - Passenger Facility Charge/Airport System Revenue Convertible Lien Bonds, Series 1998H issued for \$126.6 million
  - Passenger Facility Charge/Airport System Revenue Convertible Lien Bonds, Series 2001I issued for \$41.9 million
  - Part of Airport System Revenue Bonds, Series 2004L issued for \$142 million
  - Interest paid on the Series P bonds ranges from 3 percent to 5 percent. Principal and interest payments continue until calendar year 2026.
- Airport System Revenue Bonds, Series 2012Q provided \$621.3 million toward the South Runway Expansion project, terminal renovations, ground transportation facilities, maintenance building, utilities, taxiway repairs, and land acquisition. Interest paid on the Series Q bonds ranges from 3 percent to 5 percent. Principal and interest payments continue until calendar year 2042.
- Airport System Revenue Bonds, Series 2013A-B-C provided \$431.7 million for the balance of the runway 9R/27L project, Terminal 4 (Concourse G and ramp), Terminal 1 (Concourse A), terminal renovations, and ground transportation land and facilities. Interest paid on the Series A-B-C bonds ranges from 1.3 percent to 5.5 percent. Principal and interest payments continue until calendar year 2043.
- Airport System Revenue Bonds, Series 2015A-B provided \$418 million toward Terminal 4 (Concourse G and the Federal Inspection Services [FIS]), terminal renovations, Concourse A (T-1), ground transportation facilities, utilities, public safety facility, rehabilitation of the Rental Car Center/garages, and terminal roadways. Principal and interest payments continue until calendar year 2045.
- Airport System Revenue Bonds, Series 2015C refunded the outstanding remaining debt on the Airport System Revenue Bonds, Series 2004L, resulting in net present value savings of approximately \$8.3 million. Interest paid on the Series 2015C bonds ranges from 2 percent to 5 percent. Principal and interest payments continue until calendar year 2025, two years earlier than the Series 2004L that was refunded.
- Airport System Revenue Bonds, Series 2017A-B will provide approximately \$335 million toward terminal renovations, Concourse A (T-1), Concourse G (T-4), FIS (T-4), and design for additional gates and terminal connectors. Principal and interest payments are expected to continue until calendar year 2047.
- The Aviation Department anticipates future financing of approximately \$720 million through FY20 for Concourse G (T-4), terminal renovations, Concourse A (T-1), FIS, terminal connectors, utilities, and additional gates.

**DESCRIPTION OF DEBT SERVICE:**

Debt issues provide funds for the expansion and improvement of Port facilities and defeasance of prior bond issues. Debt service is funded from Port revenues.

<b>REVENUES:</b>	<b>FY16 Actual</b>	<b>FY17 Budget</b>	<b>FY18 Budget</b>
Operating Revenues	31,385,202	35,550,950	32,935,130
Interest Income	370,000	370,000	389,480
Less 5%	0	(1,796,050)	(1,666,230)
<b>Total</b>	<b>31,755,202</b>	<b>34,124,900</b>	<b>31,658,380</b>

**APPROPRIATIONS:**

Principal	21,815,000	13,020,000	13,645,000
Interest	9,429,195	10,254,510	7,332,980
Other Debt Service Costs	511,007	523,400	353,410
Reserves	0	10,326,990	10,326,990
<b>Total</b>	<b>31,755,202</b>	<b>34,124,900</b>	<b>31,658,380</b>

**DEBT SERVICE HIGHLIGHTS:**

- The Port Facilities Refunding Revenue Bonds, Series 2008 were issued in the amount of \$46,160,000 to refund the outstanding Subordinate Port Facilities Refunding Revenue Bonds, Series 1998 with an outstanding principal of \$43,160,000, to fund a deposit to the Debt Service Reserve Fund, and to pay a portion of the termination payment related to the termination of the 1998 Interest Rate Swap. Interest paid on the Series 2008 bonds is a 3.6 percent synthetic fixed rate per the interest rate swap agreement. The Series 2008 bonds are due to retire in fiscal year 2027.
- The Port Facilities Revenue Bonds, Series 2009A (Non-AMT) (the "Series 2009 Bonds") were issued by the County to fund the Terminal 18 expansion project and miscellaneous infrastructure improvements throughout the Port. The issue amount was \$83,235,000. Interest paid on the Series 2009 bonds ranges from 3 percent to 6 percent. The Series 2009 bonds are due to retire in fiscal year 2029.
- The Port Facilities Refunding Bonds, Series 2011A (the "Series 2011A Bonds") in the amount of \$12,370,000; Port Facilities Refunding Bonds, Series 2011B (the "Series 2011B Bonds") in the amount of \$100,695,000; and Port Facilities Refunding Bonds Series 2011C (the "Series 2011C Bonds") in the amount of \$54,195,000 (collectively, the "Series 2011 Bonds") were issued to (i) refund and defease all or a portion of the Series 1998B, 1998C, and Series 1989A Bonds, (ii) fund the cost of a municipal bond debt service reserve insurance policy, and (iii) pay certain costs of issuance and expenses relating to the Series 2011 Bonds, including the premium for a municipal bond insurance policy. Interest paid on the Series 2011 bonds ranges from 1.1 percent to 5 percent. The Series 2011 bonds are due to retire in fiscal year 2027.
- In fiscal year 2016, the repayment of Series 2011C bonds occurred.

**Water & Wastewater Debt Service**

**DESCRIPTION OF DEBT SERVICE:**

To provide funds for the expansion and improvement of water and wastewater facilities. Debt service is supported by the net revenue of the water and wastewater fund, which includes user charges and interest income.

<b>REVENUES:</b>	<b>FY16 <u>Actual</u></b>	<b>FY17 <u>Budget</u></b>	<b>FY18 <u>Budget</u></b>
Operating Charges	35,717,719	35,870,930	35,405,740
Interest Income	384,125	288,900	776,400
Less 5%	0	(14,450)	(38,820)
Fund Balance	43,699,460	42,952,050	43,393,950
<b>Total</b>	<b>79,801,304</b>	<b>79,097,430</b>	<b>79,537,270</b>

**APPROPRIATIONS:**

Principal	14,080,000	14,340,000	14,635,000
Interest	21,998,769	21,739,380	21,442,320
Other Costs	23,075	66,000	66,000
Reserves	0	42,952,050	43,393,950
<b>Total</b>	<b>36,101,844</b>	<b>79,097,430</b>	<b>79,537,270</b>

**DEBT SERVICE HIGHLIGHTS:**

The Water and Wastewater debt service budget includes debt service payments for the following bond issues:

- The Series 2009A Bonds totaling \$7,325,000 are comprised of Revenue Bonds due serially on October 1, from 2018 to 2021 with interest at 2.5 percent to 4 percent.
- The Series 2012A Bonds totaling \$132,900,000 are comprised of \$43,570,000 of Revenue Bonds due serially on October 1, from 2018 to 2033 with interest at 1 percent to 5 percent, and \$89,330,000 of Term Bonds due on October 1, from 2034 to 2037 with interest at 5 percent.
- The Series 2012B Bonds totaling \$110,920,000 are comprised of Revenue Bonds due serially on October 1, from 2018 to 2027 with interest at 4 percent to 5 percent.
- The Series 2012C Bonds totaling \$4,535,000 are comprised of Revenue Bonds due serially on October 1, from 2016 to 2018 with interest at 1.9 percent.
- The Series 2015A Bonds totaling \$42,255,000 were issued to refund the 2005 Bonds and are comprised of Revenue Bonds due serially on October 1, from 2028 to 2030 with interest at 5 percent.
- The Series 2015B Bonds totaling \$157,555,000 were issued to refund a portion of the 2009A Bonds and are comprised of Revenue Bonds due serially on October 1, from 2021 to 2034 with interest at 3 percent to 5 percent.



**OFFICE OF MANAGEMENT AND BUDGET**

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