

Fiscal Year 2019/2020

ADOPTED FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM



CITY OF SUNRISE, FLORIDA
FY 2019/2020 ADOPTED
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

MANAGEMENT TEAM

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Assistant City Managers

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Felicia M. Bravo

Chief of Police

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Fire Chief

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Community Development, Director

Shannon L. Ley, P.E.

Human Resources, Acting Director

Stella Mesa

Utilities, Director

Timothy A. Welch, P.E.

Leisure Services, Director

Rosemarie Marco

**Finance & Administrative Services,
Director**

Wendy Dunbar, CPA

**Information Technology,
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Laurie A. Gagner

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CAPITAL IMPROVEMENT PROGRAM

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CAPITAL IMPROVEMENT PROGRAM

INTRODUCTION

The Capital Improvement Program (CIP) concentrates on the development of a long-range framework in which physical projects may be planned while, at the same time, implementing projects within the City's financial capabilities. The comprehensive program is prepared for the ensuing five years and is based upon the requirements of the community for all types of public improvements.

PURPOSE

The primary purpose of the Capital Improvement Program includes: the development of a long-range framework in which physical projects are planned, evaluated, and presented in an order sequence; the coordination of the capital-related projects of City departments to ensure equitable distributions of projects with regard to the needs of the community, the timing of related projects, and the fiscal ability of the City to undertake the projects; the assistance of City staff and City Commission members in the determination of project requests and funding with regard to short and long-range plans; and the provision of information regarding planned capital projects to the residents of the City of Sunrise.

DEFINITIONS

Capital Improvement: Any major expenditure for physical development, which generally falls into one of the following categories: Land and non-structural improvements; New structures; Major repairs; Major equipment.

Capital Improvement Project: Any major non-recurring expenditure for physical facilities of government such as costs for acquisition of land or interests in land; construction of buildings or other structures including additions or major alterations; construction of streets or utility lines; fixed equipment; and landscaping and similar expenditures including associated planning and design work related directly to an individual project. A Capital Improvement Project generally exceeds \$25,000, takes more than a year to complete, and has a useful life of five (5) years or more.

Capital Improvement Budget: A list of projects, together with cost amounts and sources of funds for the coming fiscal year, regarded as the first year of the Capital Improvement Program. The Capital Improvement Program may be included as a part of the City operating budget.

METHODOLOGY

Projects included in the Capital Improvement Program were derived from needs identified by City staff. Departments submitted projects that encompassed both the improvement of the City's physical development, as well as the improvement of the particular programs and services that they provide to the public. Each department estimated project costs, assigned a project manager, determined the priority level, identified the sources of possible funding across the five fiscal years, gave an explanation and justification of the project, identified costs which would extend beyond the five years, and identified any annual impact on the operating budget. After initial compilation, the Utilities Department, the Finance and Administrative Services Department, and the City Manager assessed and ranked the projects by priority for City Commission's consideration. After the City Commission's review and approval, funded projects would be implemented.

NEED FOR CAPITAL PROJECTS

In recent years a vast array of new Federal and State regulations, primarily in areas of environmental quality, have imposed tremendous costs upon local units of government for Capital Improvements in order to comply. Although some programs are combined with financial aid to encourage and assist cities in compliance, the local share of costs often runs into the millions of dollars. Once built, facilities must be maintained and operated, imposing tremendous ongoing costs for labor and materials. The ability to absorb future operating costs is as important in planning a Capital Improvement Program as the ability to finance the actual construction. Rapidly changing technology often contributes to capital projects planning. Modernization of facilities and equipment, while costly, can often help reduce maintenance and operating costs significantly over the long run. There is a constant need to rebuild and/or replace facilities, which have begun to deteriorate due to age. This is particularly true with streets and bridges. The impact of the various factors, which contribute to generating Capital Improvements, highlight the need for sound fiscal planning in the preparation of Sunrise's Capital Improvement Program.

CAPITAL IMPROVEMENT PROGRAM

FUNDING OF CAPITAL PROJECTS

The success of the Capital Improvement Program depends on the close coordination of the physical plan with a financial plan. Projects may be financed through regular operating funds such as the General Fund, which can be challenging for very large Capital Improvement Projects and which must compete with recurring operating requirements. The financial plan may require in-depth research in determining alternative means within a desired timetable to finance Capital Improvements. The City can borrow money through the sale of bonds. Bonds sold by the City fall into two categories: General Obligation Bonds and Revenue Bonds. A property tax levy is used to pay for General Obligation Bonds, which requires voter approval. Revenue Bonds are paid for by pledging a specific revenue stream for the repayment of debt. It has become practical to pay for some very large Capital Improvements on a pay-as-you-go basis with the popularity of various lease-purchase options. Federal and State Aid Programs also play an important role in Capital Improvement planning. Federal and State Grant Programs aid in the ability to plan for and finance projects.

The administrative ability to seek and utilize the best possible source, or combination of sources, from the various alternatives for financing capital improvements can maximize the City's Capital Improvement Program, saving the cost of inefficiencies that can occur from not adequately addressing infrastructure needs. The individual funds used to account for the City's Capital Improvement Programs are listed below.

Governmental Funds are the funds through which most governmental functions typically are funded. These funds are generally used to account for tax-supported activities:

FUND 001 - GENERAL FUND

The General Fund of a government unit serves as the primary reporting vehicle for current government operations. The General Fund, by definition, accounts for all current financial resources not required by law or administrative action to be accounted for in another fund. The major sources of revenue for the General Fund include: ad valorem taxes, franchise taxes, utility taxes and user fee charges.

FUND 191 - FUEL AND ROADWAY FUND

The City's Fuel & Roadway Fund is funded primarily by fuel taxes. Allowable uses of these fuel taxes are restricted and this fund has been established to account for the various transportation-related activities that are allowable under the established guidelines for use.

FUND 309 - SPECIAL TAXING DISTRICT I CAPITAL PROJECTS FUND

This fund has been established to account for the construction of a parking garage and additional public works improvements for the district.

FUND 325 - GENERAL CAPITAL IMPROVEMENTS FUND

This fund has been established to account for the various general government capital improvement projects for general government operations and funded primarily by the General Fund. Examples include facilities and improvements for Police, Fire Rescue, Leisure Services, and other general government improvements.

FUND 326 - GENERAL OBLIGATION BOND SERIES 2015 CONSTRUCTION FUND

This fund accounts for the development, design, and construction of certain parks, recreation, and leisure projects citywide.

Proprietary Funds account for the operations that are financed and operated in a manner similar to private business enterprises. These are used to report activity for which a fee is charged to external users for goods or services:

FUND 402 - WATER AND WASTEWATER RENEWAL & REPLACEMENT (R&R) FUND

This fund provides funding for the bond-required minimum of 5% of operating revenues to be used for system wide renewal and replacement of existing system infrastructure.

FUND 444 - STORMWATER FUND

This fund provides funding for the necessary programs and capital improvement required for compliance with the National Pollutant Discharge Elimination System (NPDES) Permit. The fund provides for the maintenance and construction of the City's stormwater control activities and infrastructure.

CAPITAL IMPROVEMENT PROGRAM

FUND 465 - WATER AND WASTEWATER CAPITAL PROJECTS FUND

This fund is established to separately account for the development and construction of annual capital improvement projects associated with the Water and Wastewater Utility.

FUND 472 - GAS RENEWAL AND REPLACEMENT (R&R) FUND

This fund is used to account for repairs and maintenance to the City's gas utility systems as well as the replacement and enhancement of existing equipment, and other capital items related to the system.

FUND 475 - GAS CAPITAL PROJECTS FUND

This fund is established to separately account for the construction of annual capital improvement projects associated with the Gas Utility.

FUND 502 - FLEET MANAGEMENT FUND

This fund is used to account for the operations of Fleet Services and the repairs and replacements of vehicle and equipment.

FUND 503 - INFORMATION TECHNOLOGY (IT) AND COMMUNICATIONS FUND

This fund is used to account for the acquisition of technology and communications related equipment and the operation of Information Technology.

The following Funding Source codes apply to the Five Year Capital Improvement Program:

BC	Broward County	GR	Grants
BP	Bond Proceeds	PC	Police Confiscation
CF	Connection Fees	R&R	Renewal & Replacement
CI	Contributions - Private Developers	SR	System Reserve
FR	Fuel & Roadway Fund	SW	Stormwater Reserve
GC	Gas Charges	WWS	Water/Wastewater Charges
GF	General Fund		

ESTIMATED OPERATING COST IMPACTS

Project	Project Title	FY 2019/2020	FY 2020/2021	FY 2021/2022	FY 2022/2023	FY 2023/2024
006453	Sunrise Lakes Phase 1 Park	\$ 24,900	\$ 26,100	\$ 27,400	\$ 26,800	\$ 28,200
		DESCRIPTION				
		Estimated annual operating expenses include 25% of a Facility Attendant position, utility expenses, and maintenance of the buildings and grounds.				
006475	25.5 Wetlands Remediation	\$ 15,500	\$ 16,000	\$ 16,500	\$ 17,000	\$ 18,500
		DESCRIPTION				
		Estimated annual operating expenses include control of non-native invasive species in the wetlands.				
006491	Sunset Strip Traffic Circle Enhancements	\$ 1,200	\$ 1,225	\$ 1,250	\$ 1,275	\$ 1,300
		DESCRIPTION				
		Estimated annual operating expenses include water, electricity, and lawn maintenance.				
7000GI	Roarke Hall	\$ 40,875	\$ 66,500	\$ 81,200	\$ 93,000	\$ 85,000
		DESCRIPTION				
		Estimated annual operating expenses include one (1) Facility Attendant position, utility expenses, maintenance of the building and grounds, as well as future capital outlay expenses.				
7002PK	Welleby Park Expansion	\$ 131,500	\$ 128,400	\$ 133,600	\$ 139,000	\$ 142,400
		DESCRIPTION				
		Estimated annual operating expenses include one (1) Facility Attendant position, utility expenses, maintenance of the building and grounds, as well as future capital outlay expenses.				
7003GB	Senior Center Expansion	\$ 35,100	\$ 36,500	\$ 37,800	\$ 39,000	\$ 40,200
		DESCRIPTION				
		Estimated annual operating expenses include utility expenses, maintenance of the building and grounds, as well as future capital outlay expenses.				
7005PK	Sunrise Sportsplex	\$ 387,200	\$ 401,200	\$ 415,700	\$ 430,600	\$ 445,900
		DESCRIPTION				
		Estimated annual operating expenses include two (2) full time Facility Attendant positions, one (1) part time Facility Attendant position, utility expenses, maintenance of the building and grounds, purchase of a sand pro, purchase of a utility vehicle, and purchase of three (3) pitching machines.				
7006GB	Civic Center Expansion	\$ 228,800	\$ 236,800	\$ 248,800	\$ 261,000	\$ 272,700
		DESCRIPTION				
		Estimated annual operating expenses include one (1) part time Facility Attendant position, one (1) Recreation Leader position, two (2) part time Recreation Attendant positions, utility expenses, and maintenance of the building and grounds.				

ESTIMATED OPERATING COST IMPACTS

Project	Project Title	FY 2019/2020	FY 2020/2021	FY 2021/2022	FY 2022/2023	FY 2023/2024
7008PK	Veterans Park	\$ 96,300	\$ 99,800	\$ 103,600	\$ 107,200	\$ 112,800
		DESCRIPTION				
		Estimated annual operating expenses include one (1) part time Facility Attendant position, maintenance of the building and grounds, as well as future capital outlay expenses.				
7010PK	City Park Improvements	\$ 11,075	\$ 44,300	\$ 50,100	\$ 48,000	\$ 50,000
		DESCRIPTION				
		Estimated annual operating expenses include one (1) part time Facility Attendant position, utility expenses, maintenance of the building and grounds, as well as future capital outlay expenses.				
7017GI	Village Beach Club Improvements	\$ 31,000	\$ 32,600	\$ 34,200	\$ 35,800	\$ 37,400
		DESCRIPTION				
		Estimated annual operating expenses include one (1) Facility Attendant position and utility expenses to operate the new air conditioning equipment.				
5084SW	Southwest WTP Improvements – ION Exchange	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000
		DESCRIPTION				
		Estimated annual operating expenses include electricity usage and salt costs.				
5098RW	SGF-1 Aquafer Storage and Recovery Conversion	\$ 173,000	\$ 173,000	\$ 173,000	\$ 173,000	\$ 173,000
		DESCRIPTION				
		Estimated annual operating expenses include electricity, laboratory testing, maintenance, and engineering costs.				
5120SG	Sawgrass WTP ION Exchange	\$ 48,000	\$ 48,000	\$ 48,000	\$ 48,000	\$ 48,000
		DESCRIPTION				
		Estimated annual operating expenses include electricity and salt usage. Future savings to be realized from the reduction in use of sulfuric acid and sodium hydroxide.				
5123SY	Sawgrass WTP & Springtree WTP Security Improvements	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
		DESCRIPTION				
		Estimated annual operating expenses include maintenance and licensing services for equipment.				
5129ST	Sawgrass WTP ION Exchange	\$ 24,000	\$ 48,000	\$ 48,000	\$ 48,000	\$ 48,000
		DESCRIPTION				
		Estimated annual operating expenses include electricity and salt usage. Future savings to be realized from the reduction in use of sulfuric acid and sodium hydroxide.				
000309	Botaniko Development	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
		DESCRIPTION				
		Estimated annual operating expenses include annual inspections required by regulation.				
000310	High Pressure Supply Main	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
		DESCRIPTION				
		Estimated annual operating expenses include annual inspections required by regulation and maintenance costs.				

FY 2020-2024 Adopted Capital Improvement Program: Five Year Summary by Funding Source

	Funding Sources	Project #	PTD Budget	FY 2019/2020 Budget	FY 2020/2021 Budget	FY 2021/2022 Budget	FY 2022/2023 Budget	FY 2023/2024 Budget	Five Year Total	FY 2019/2020 Operating Impact		
SPEC TAX DISTRICT #1 SER 03 BOND FUND 309												
<u>Revenues</u>												
Reappropriated Fund Balance				-	-	-	-	-	-	-		
Total Revenues				0	0	0	0	0	0	0		
<u>Appropriations</u>												
Flamingo Road Powerline Relocation				BP	006485	1,480,000	-	-	-	-	-	
Total Appropriations						1,480,000	0	0	0	0		
CAPITAL IMPROVEMENTS FUND 325												
<u>Revenues</u>												
Reappropriated Fund Balance:												
Committed (IKEA Contribution - proj 006450)						-	500,000	-	-	500,000	-	
Committed (Rick Case Kia Contrib - proj 006450)						-	100,000	-	-	100,000	-	
From Fund Balance						696,720	568,000	362,000	271,000	271,000	2,168,720	
Florida Dept of Trans Grant (006488)						-	-	-	-	-	-	
Interest Earnings						350,000	-	-	-	-	350,000	
Interest Income						100,000	-	-	-	-	100,000	
Anticipated General Fund Transfer In						-	7,579,100	304,300	1,890,400	-	9,773,800	
Future Bond Proceeds (006207)						-	33,100,000	14,970,000	-	-	48,070,000	
Miscellaneous Revenues						-	-	-	-	-	-	
Total Revenues						1,146,720	41,847,100	15,636,300	2,161,400	271,000	61,062,520	
<u>Appropriations</u>												
Municipal Campus Expansion				WWS/SW/GC/GF/BP	006207	16,532,022	-	33,100,000	14,970,000	-	48,070,000	-
Entry Signs				GF	006274	677,943	-	-	-	-	-	-
Sunrise Blvd & NW 136 Ave Streetscape Improvements				GF/CI	006450	-	-	1,360,000	-	-	1,360,000	-
Sunrise Lakes Phase 1 Park				GF	006453	1,488,609	-	-	-	-	-	24,900
W Sunrise Transit Oriented Design Infr Improv				GF	006474	275,867	-	-	-	-	-	-
25.5 Wetlands Remediation				GF	006475	947,140	-	-	-	-	-	15,500
Commercial Blvd. Landscape & Irrigation Improvements				GF	006480	553,000	-	-	-	-	-	-
Sunrise Commerce Park Entry Features				GF	006487	28,896	-	-	-	-	-	-
Sunset Strip Bicycle Lanes				GR/GF	006488	768,098	-	-	-	-	-	-
Fire Alerting System Replacement				GF	006489	555,000	-	-	-	-	-	-
Fire Station Bay Door Replacement				GF	006490	277,200	-	271,000	362,000	271,000	271,000	1,175,000
Sunset Strip Traffic Circle Enhancements				GF	006491	225,000	38,000	-	-	-	-	38,000
Sunrise Tennis Club Court Lighting Replacement				GF	006493	1,045,374	-	-	-	-	-	-
Village Art Plaza				GF	006494	503,800	-	3,749,200	-	-	3,749,200	-
Marquee Signs				GF	006495	47,000	352,000	-	-	-	352,000	-
Celebrate Sunrise - Entry Features				GF	006496	-	75,000	297,000	-	-	372,000	-
Civic Center Phase II Improvements				GF	006497	-	345,000	3,022,200	-	-	3,367,200	-
Citywide Bus Shelters				GF	006498	275,000	-	-	-	-	-	-
Hiatus Road Trailhead Park				GF	TBD	-	-	47,700	304,300	-	352,000	-
9525 Parcel Improvements				GF	TBD	-	-	-	1,092,800	-	1,092,800	-
Bair Middle School Joint Use Park				GF	TBD	-	-	-	797,600	-	797,600	-

*Projects are split-funded

FY 2020-2024 Adopted Capital Improvement Program: Five Year Summary by Funding Source

	Funding Sources	Project #	PTD Budget	FY 2019/2020 Budget	FY 2020/2021 Budget	FY 2021/2022 Budget	FY 2022/2023 Budget	FY 2023/2024 Budget	Five Year Total	FY 2019/2020 Operating Impact
Roarke Hall*	BP/GF	7000GI	1,104,200	-	-	-	-	-	-	-
Welleby Park Expansion*	BP/GF	7002PK	3,638,200	-	-	-	-	-	-	-
Senior Center Expansion*	BP/GF	7003GB	968,400	-	-	-	-	-	-	-
Sunrise Sportsplex*	BP/GF	7005PK	3,180,000	-	-	-	-	-	-	-
Civic Center Expansion*	BP/GF	7006GB	5,221,500	-	-	-	-	-	-	-
Security Improvements*	BP/GF	7007GI	50,000	-	-	-	-	-	-	-
Veterans Park*	BP/GF	7008PK	4,018,409	-	-	-	-	-	-	-
Oscar Wind Park*	BP/GF	7009PK	455,000	-	-	-	-	-	-	-
City Park Improvements*	BP/GF	7010PK	6,745,000	-	-	-	-	-	-	-
Sunset Strip Park at NW 109 Avenue*	BP/GF	7012PK	22,490	-	-	-	-	-	-	-
Sunrise Athletic Complex (SAC) Park Expansion and Renovation*	BP/GF	7013PK	8,110	-	-	-	-	-	-	-
Village Beach Club Improvements*	BP/GF	7017GI	425,790	-	-	-	-	-	-	-
Capitalized Labor	N/A	CAPLAB	-	336,720	-	-	-	-	336,720	-
Total Appropriations			50,037,048	1,146,720	41,847,100	15,636,300	2,161,400	271,000	61,062,520	41,600
NEW PARKS G.O. BOND FUND 326										
Revenues										
Future Bond Proceeds				-	23,803,000	1,028,496	6,345,800	-	31,177,296	
Anticipated General Fund Transfer In				-	-	-	-	-	-	
Florida Dept of Environmental Protection Grant (7013PK)				-	200,000	-	-	-	200,000	
Interest Earnings				40,000	-	-	-	-	40,000	
From Fund Balance				205,500	-	-	-	-	205,500	
Total Revenues				245,500	24,003,000	1,028,496	6,345,800	0	31,622,796	
Appropriations										
Roarke Hall*	BP/GF	7000GI	305,497	-	-	-	-	-	-	40,875
Welleby Park Expansion*	BP/GF	7002PK	3,075,721	-	-	-	-	-	-	131,500
Senior Center Expansion*	BP/GF	7003GB	1,664,725	-	-	-	-	-	-	35,100
Sunrise Sportsplex*	BP/GF	7005PK	13,490,421	-	-	-	-	-	-	387,200
Civic Center Expansion*	BP/GF	7006GB	6,548,615	-	-	-	-	-	-	228,800
Security Improvements*	BP/GF	7007GI	55,209	-	2,387,000	-	-	-	2,387,000	-
Veterans Park*	BP/GF	7008PK	833,710	-	-	-	-	-	-	96,300
Oscar Wind Park*	BP/GF	7009PK	3,097,909	-	3,200,000	1,028,496	6,345,800	-	10,574,296	-
City Park Improvements*	BP/GF	7010PK	859,662	-	975,000	-	-	-	975,000	11,075
Sunset Strip Park at NW 109 Avenue*	BP/GF	7012PK	167,869	-	1,530,000	-	-	-	1,530,000	-
Sunrise Athletic Complex (SAC) Park Expansion and Renovation*	BP/GF	7013PK	1,014,182	-	15,911,000	-	-	-	15,911,000	-
Village Beach Club Improvements*	BP/GF	7017GI	182,692	-	-	-	-	-	-	31,000
Capitalized Labor	N/A	CAPLAB	-	245,500	-	-	-	-	245,500	-
Total Appropriations			31,296,212	245,500	24,003,000	1,028,496	6,345,800	0	31,622,796	961,850

*Projects are split-funded

FY 2020-2024 Adopted Capital Improvement Program: Five Year Summary by Funding Source

	Funding Sources	Project #	PTD Budget	FY 2019/2020 Budget	FY 2020/2021 Budget	FY 2021/2022 Budget	FY 2022/2023 Budget	FY 2023/2024 Budget	Five Year Total	FY 2019/2020 Operating Impact
RENEWAL & REPLACEMENT FUND 402										
<i>Revenues</i>										
Reappropriated Fund Balance				-	5,617,000	3,104,000	-	-	8,721,000	
Miscellaneous Revenues				-	-	-	-	-	-	
Renewal & Replacement Funds Transfer In				716,400	-	-	-	-	716,400	
Total Revenues				716,400	5,617,000	3,104,000	0	0	9,437,400	
<i>Appropriations</i>										
Wastewater Pipeline Flow Capacity Improvements*	R&R	5037PI	377,953	-	-	-	-	-	-	-
Pine Island Road Forcemain Replacement*	R&R	503702	505,842	-	-	-	-	-	-	-
Springtree Industrial Injection Wells Flow Delivery System	R&R	5037ST	10,448,329	-	-	-	-	-	-	-
Wastewater System I/I Improvements*	R&R	5043PI	1,983,001	-	-	-	-	-	-	-
Nova Drive Water Main and Force Main Replacement*	R&R	5048PI	3,050,679	-	-	-	-	-	-	-
System-Wide Lift Station Improvement Program*	R&R	5056LS	5,053,114	-	-	-	-	-	-	-
Lift Station 4 Rehabilitation	R&R	505603	915,500	-	-	-	-	-	-	-
Pine Island Road 12" Watermain Replacement*	R&R	5068PI	1,167,320	-	-	-	-	-	-	-
Sawgrass WWTP Clarifier and Scum Ejector Improvements*	R&R	5071SG	1,041,628	-	-	-	-	-	-	-
Water System Improvement Projects*	R&R	5072PI	195,691	-	-	-	-	-	-	-
Water System Improvements - Phase 1*	R&R	507201	70,000	-	-	-	-	-	-	-
Southwest Water Treatment Plant Improvements*	R&R	5083SW	4,126,513	-	-	-	-	-	-	-
Shotgun Road Forcemain Improvement	R&R	5130PI	2,939,044	-	-	-	-	-	-	-
Sawgrass WWTP Dissolved Air Flootation Sys Rehab	R&R	5141SG	-	110,000	1,309,000	-	-	-	1,419,000	-
Indian Trace Pump Station Rehabilitation	R&R	5142IT	-	300,000	3,852,000	-	-	-	4,152,000	-
Celebrate Sunrise Watermain Replacement - Phase 2	R&R	TBD	-	-	456,000	3,104,000	-	-	3,560,000	-
Capitalized Labor	N/A	CAPLAB	-	306,400	-	-	-	-	306,400	-
Total Appropriations			31,874,614	716,400	5,617,000	3,104,000	0	0	9,437,400	0
WATER/WASTEWATER CONNECTION FEES FUND 403										
<i>Revenues</i>										
Connection Fees				-	-	-	-	-	-	-
Reappropriated Fund Balance, Water				-	-	-	-	-	-	-
Total Revenues				0	0	0	0	0	0	0
<i>Appropriations</i>										
Capitalized Labor	N/A	CAPLAB	-	-	-	-	-	-	-	-
Total Appropriations			0	0	0	0	0	0	0	0

*Projects are split-funded

FY 2020-2024 Adopted Capital Improvement Program: Five Year Summary by Funding Source

	Funding Sources	Project #	PTD Budget	FY 2019/2020 Budget	FY 2020/2021 Budget	FY 2021/2022 Budget	FY 2022/2023 Budget	FY 2023/2024 Budget	Five Year Total	FY 2019/2020 Operating Impact
<u>UTILITIES SERIES 2010 CONSTRUCTION FUND 408</u>										
<u>Revenues</u>										
Reappropriated Fund Balance				-	-	-	-	-	-	-
Interest Income				-	-	-	-	-	-	-
Total Revenues				0	0	0	0	0	0	0
<u>Appropriations</u>										
Pine Island Road Forcemain Replacement*	BP	503702	653,780	-	-	-	-	-	-	-
Nova Drive Watermain and Forcemain Replacement*	BP	5048PI	186,029	-	-	-	-	-	-	-
System-Wide Lift Station Improvement Program*	BP	5056LS	148,612	-	-	-	-	-	-	-
Lift Stations 117 & 307 Rehabilitation	BP	505601	391,098	-	-	-	-	-	-	-
Pine Island Road 12" Watermain Replacement*	BP	5068PI	71,782	-	-	-	-	-	-	-
Sawgrass WWTP Clarifier and Scum Ejector Improvements*	BP	5071SG	324,180	-	-	-	-	-	-	-
Southwest Water Treatment Plant Improvements*	BP	5083SW	180,286	-	-	-	-	-	-	-
Reuse Distribution Sys-SICP, Sawgrass Mills & Artesia (Phase II)*	BP	5096PI	171,672	-	-	-	-	-	-	-
Capitalized Labor	N/A	CAPLAB	-	-	-	-	-	-	-	-
Total Appropriations			2,127,439	0	0	0	0	0	0	0
<u>STORMWATER UTILITY FUND 444</u>										
<u>Revenues</u>										
Stormwater Revenues				535,900	400,000	400,000	400,000	400,000	2,135,900	
Total Revenues				535,900	400,000	400,000	400,000	400,000	2,135,900	
<u>Appropriations</u>										
Stormwater Pump Station #5 Replacement	SW	006305	4,600,062	-	-	-	-	-	-	-
East Sunrise Drainage Improvements	SW	006324	515,775	-	-	-	-	-	-	-
City Wide Boat Ramp Replacement Program	SW	006326	825,000	400,000	400,000	400,000	400,000	400,000	2,000,000	-
NW 68th Avenue Canal Headwall Replacement	SW	006327	850,000	-	-	-	-	-	-	-
Sunrise Golf Village Infrastructure Improvements*	SW	5131SY	75,000	75,000	-	-	-	-	75,000	-
Capitalized Labor	N/A	CAPLAB	-	60,900	-	-	-	-	60,900	-
Total Appropriations			6,865,837	535,900	400,000	400,000	400,000	400,000	2,135,900	0

*Projects are split-funded

FY 2020-2024 Adopted Capital Improvement Program: Five Year Summary by Funding Source

	Funding Sources	Project #	PTD Budget	FY 2019/2020 Budget	FY 2020/2021 Budget	FY 2021/2022 Budget	FY 2022/2023 Budget	FY 2023/2024 Budget	Five Year Total	FY 2019/2020 Operating Impact
WATER/WASTEWATER/REUSE CAPITAL PROJECTS FUND 465										
Revenues										
				71,429,240	16,865,000	18,323,000	24,336,400	23,666,600	154,620,240	
			Total Revenues	71,429,240	16,865,000	18,323,000	24,336,400	23,666,600	154,620,240	
Appropriations										
	SR	5037PI	5,365,450	3,425,000	3,425,000	3,425,000	3,425,000	3,425,000	17,125,000	-
	SR	503701	2,170,000	-	-	-	-	-	-	-
	SR	503702	3,850,000	13,378,100	-	-	-	-	13,378,100	-
	SR	5043PI	2,700,000	900,000	900,000	900,000	900,000	900,000	4,500,000	-
	SR	5056LS	3,669,800	3,976,000	3,976,000	3,976,000	3,976,000	3,976,000	19,880,000	-
	SR	505601	1,371,818	-	-	-	-	-	-	-
	SR	505602	2,338,307	-	-	-	-	-	-	-
	SR	505604	897,700	-	-	-	-	-	-	-
	SR	505605	1,400,000	16,250,000	-	-	-	-	16,250,000	-
	SR	5068PI	55,000	-	-	-	-	-	-	-
	SR	5072PI	4,156,430	3,250,000	3,250,000	3,250,000	3,250,000	3,250,000	16,250,000	-
	SR	507201	1,245,451	-	-	-	-	-	-	-
	SR	5073SG	-	-	-	900,000	9,000,000	-	9,900,000	-
	SR	5083SW	8,562,000	-	-	-	-	-	-	-
	SR	5084SW	5,706,344	-	-	-	-	-	-	14,000
	SR	5095PI	495,896	-	-	-	200,000	9,660,000	9,860,000	-
	SR	5096PI	13,229,149	-	-	-	-	-	-	-
	SR	5098RW	6,207,016	-	-	-	-	-	-	173,000
	SR	5114ST	14,845,037	-	-	-	-	-	-	-
	SR	5120SG	9,967,556	-	-	-	-	-	-	48,000
	SR	5122ST	3,020,004	-	-	-	-	-	-	-
	SR	5123SY	1,050,000	-	-	-	-	-	-	20,000
	SR	5124SG	20,946,308	-	-	-	-	-	-	-
	SR	5125SW	3,731,764	-	-	-	-	-	-	-
	SR	5126SY	5,469,471	-	-	-	-	-	-	-
	SR	5127PI	5,708,223	-	-	-	-	-	-	-
	SR	5128SG	870,464	300,000	-	-	-	-	300,000	-
	SR	5129ST	12,510,000	-	-	-	-	-	-	24,000
	SR	5131SY	1,880,679	16,702,000	-	-	-	-	16,702,000	-
	SR	5132SY	52,500	540,000	-	-	-	-	540,000	-
	SR	5133SG	109,806	980,100	-	-	-	-	980,100	-
	SR	5134ST	81,000	5,364,000	-	-	-	-	5,364,000	-
	SR	5135PI	413,451	2,257,400	-	-	-	-	2,257,400	-
	SR	5137SU	53,000	-	-	-	-	-	-	-
	SR	5138SU	650,000	-	-	-	-	-	-	-
	SR	5139SU	52,000	-	-	-	-	-	-	-
	SR	5143SG	-	895,000	895,000	-	-	-	1,790,000	-
	SR	5144PI	-	590,000	2,370,000	-	-	-	2,960,000	-
	SR	5145SG	-	720,000	-	-	-	-	720,000	-
	SR	5146ST	-	61,000	374,000	-	-	-	435,000	-
	SR	5147SG	-	250,000	-	-	-	-	250,000	-
	SR	5148SG	-	1,000,000	-	-	-	-	1,000,000	-
	SR	5149ST	-	60,000	210,000	-	-	-	270,000	-

*Projects are split-funded

FY 2020-2024 Adopted Capital Improvement Program: Five Year Summary by Funding Source

	Funding Sources	Project #	PTD Budget	FY 2019/2020 Budget	FY 2020/2021 Budget	FY 2021/2022 Budget	FY 2022/2023 Budget	FY 2023/2024 Budget	Five Year Total	FY 2019/2020 Operating Impact
Sawgrass WTP Walkway Improvements	SR	5150SG	-	140,000	-	-	-	-	140,000	-
Sawgrass Facility Equipment Maintenance Building	SR	TBD	-	-	1,397,000	5,100,000	-	-	6,497,000	-
NW 44th Street Watermain Replacement	SR	TBD	-	-	-	352,000	1,738,000	-	2,090,000	-
Southwest WWTP RAS Line Replacement & Hydraulic Reconfig	SR	TBD	-	-	68,000	170,000	-	-	238,000	-
Springtree Floridan Supply Well	SR	TBD	-	-	-	250,000	1,550,000	-	1,800,000	-
Springtree WTP Biscayne Aquifer Wells 2, 7 & 8 Replacement	SR	TBD	-	-	-	-	297,400	2,455,600	2,753,000	-
Capitalized Labor	N/A	CAPLAB	-	390,640	-	-	-	-	390,640	-
Total Appropriations			144,831,624	71,429,240	16,865,000	18,323,000	24,336,400	23,666,600	154,620,240	279,000
<u>GAS CAPITAL PROJECTS FUND 475</u>										
<u>Revenues</u>										
Transfer from system reserve (474 to 475)				325,000	325,000	325,000	325,000	325,000	1,625,000	
Total Revenues				325,000	325,000	325,000	325,000	325,000	1,625,000	
<u>Appropriations</u>										
Weston Botaniko Development	GC	000309	206,000	-	-	-	-	-	-	1,000
High Pressure Supply Main	GC	000310	6,567,880	-	-	-	-	-	-	30,000
Energy Efficiency Upgrades	GC	000351	335,000	-	-	-	-	-	-	-
Various New Commercial Accounts	GC	000777	350,000	250,000	250,000	250,000	250,000	250,000	1,250,000	-
Various New Residential Accounts	GC	000778	-	75,000	75,000	75,000	75,000	75,000	375,000	-
Total Appropriations			7,458,880	325,000	325,000	325,000	325,000	325,000	1,625,000	31,000
<u>FLEET MANAGEMENT FUND 502</u>										
<u>Revenues</u>										
Fleet Management Cost Allocation				-	-	-	-	-	-	-
Reappropriated Fund Balance				-	-	-	-	-	-	-
Total Revenues				0	0	0	0	0	0	0
<u>Appropriations</u>										
Quick Service Area and Storage Area Roofs	MULTIPLE	006492	245,000	-	-	-	-	-	-	-
Total Appropriations			245,000	0	0	0	0	0	0	0
<u>IT & COMMUNICATIONS FUND 503</u>										
<u>Revenues</u>										
IT & Communications Cost Allocation				-	-	-	-	-	-	-
Total Revenues				0	0	0	0	0	0	0
<u>Appropriations</u>										
New Enterprise Resource Planning System	MULTIPLE	IT0001	4,203,734	-	-	-	-	-	-	-
Total Appropriations			4,203,734	0	0	0	0	0	0	0


*Projects are split-funded

FY 2020-2024 Adopted Capital Improvement Program: Five Year Summary by Funding Source

Funding Sources	Project #	PTD Budget	FY 2019/2020 Budget	FY 2020/2021 Budget	FY 2021/2022 Budget	FY 2022/2023 Budget	FY 2023/2024 Budget	Five Year Total	FY 2019/2020 Operating Impact
REVENUE SUMMARY BY FUND									
	<i>Capital Improvements Fund 325</i>		1,146,720	41,847,100	15,636,300	2,161,400	271,000	61,062,520	
	<i>New Parks G.O. Bond Fund 326</i>		245,500	24,003,000	1,028,496	6,345,800	-	31,622,796	
	<i>Renewal & Replacement Fund 402</i>		716,400	5,617,000	3,104,000	-	-	9,437,400	
	<i>Water/Wastewater Connection Fees Fund 403</i>		-	-	-	-	-	-	
	<i>Stormwater Utility Fund 444</i>		535,900	400,000	400,000	400,000	400,000	2,135,900	
	<i>Water/Wastewater/Reuse Capital Projects Fund 465</i>		71,429,240	16,865,000	18,323,000	24,336,400	23,666,600	154,620,240	
	<i>Gas Capital Projects Fund 475</i>		325,000	325,000	325,000	325,000	325,000	1,625,000	
	<i>Fleet Management Fund 502</i>		-	-	-	-	-	-	
			\$74,398,760	\$89,057,100	\$38,816,796	\$33,568,600	\$24,662,600	260,503,856	
APPROPRIATIONS SUMMARY BY FUND									
	<i>Capital Improvements Fund 325</i>		1,146,720	41,847,100	15,636,300	2,161,400	271,000	61,062,520	
	<i>New Parks G.O. Bond Fund 326</i>		245,500	24,003,000	1,028,496	6,345,800	-	31,622,796	
	<i>Renewal & Replacement Fund 402</i>		716,400	5,617,000	3,104,000	-	-	9,437,400	
	<i>Water/Wastewater Connection Fees Fund 403</i>		-	-	-	-	-	-	
	<i>Stormwater Utility Fund 444</i>		535,900	400,000	400,000	400,000	400,000	2,135,900	
	<i>Water/Wastewater/Reuse Capital Projects Fund 465</i>		71,429,240	16,865,000	18,323,000	24,336,400	23,666,600	154,620,240	
	<i>Gas Capital Projects Fund 475</i>		325,000	325,000	325,000	325,000	325,000	1,625,000	
	<i>Fleet Management Fund 502</i>		-	-	-	-	-	-	
			\$74,398,760	\$89,057,100	\$38,816,796	\$33,568,600	\$24,662,600	\$260,503,856	


*Projects are split-funded

FLAMINGO ROAD POWERLINE RELOCATION

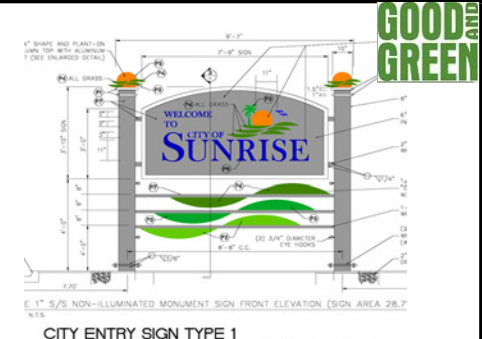
PROJECT NUMBER:	006485					
LOCATION:	Sunrise Boulevard to Panther Parkway					
STATUS:	In Progress - Construction					
DEPARTMENT:	Public Works					
PROJECT MANAGER:	Luisa Arbelaez					
START DATE:	5/2016					
COMPLETION DATE:	4/2020					
ESTIMATED PROJECT COST:	\$ 1,480,000					
DESCRIPTION/JUSTIFICATION						
<p>This project will relocate the overhead utilities along Flamingo Road from Sunrise Boulevard to Panther Parkway, underground. The work will be performed by FP&L and the City will assist and coordinate with them.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 309	1,480,000	116,312	1,363,688			
			-			
			-			
TOTAL	\$ 1,480,000	\$ 116,312	\$ 1,363,688			



MUNICIPAL CAMPUS EXPANSION

PROJECT NUMBER:	006207					
LOCATION:	Municipal Campus					
STATUS:	In Progress - Design					
DEPARTMENT:	Citywide					
PROJECT MANAGER:	Meghan Kaufold					
START DATE:	3/2017					
COMPLETION DATE:	1/2024					
ESTIMATED PROJECT COST:	\$ 64,602,022					
DESCRIPTION/JUSTIFICATION						
<p>This project allows for construction of a new City Hall building to replace the existing facility located at 10770 W Oakland Park Boulevard. This budget assumes a 90,000 square foot facility with a 500 space parking garage. The new building would consolidate all departments currently in City Hall as well as other departments operating in the Annex on NW 136th Avenue. Other work included in this project includes the amphitheater stage and bowl, construction of a roof canopy over the amphitheater stage, addition of public restrooms, a green room for the amphitheater. and new surface parking lots at the Senior Center and the Civic Center. The project will also include an investigation of seating in the Civic Center Theatre to determine whether additional seating can be added within the existing building shell.</p> <p>*Sustainable elements include referencing and possibly pursuing LEED or similar green building certification toward realizing operating cost benefits from energy and water savings, enhanced indoor air quality and a healthy work environment to support productivity. Elements may include LED site lighting, electric vehicle charging stations, and Florida Friendly Landscaping.*</p> <p>**Bond issuance expected in FY 2019/2020, budget amendment will be processed to move funding once issuance is complete.**</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Future Bond Proceeds		33,100,000	14,970,000			\$ 48,070,000
						\$ -
						\$ -
TOTAL	\$ -	\$ 33,100,000	\$ 14,970,000	\$ -	\$ -	\$ 48,070,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs		3,100,000	400,000			\$ 3,500,000
506510 - Construction		30,000,000	14,570,000			\$ 44,570,000
TOTAL	\$ -	\$ 33,100,000	\$ 14,970,000	\$ -	\$ -	\$ 48,070,000
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 325	16,532,022	1,724,407	14,807,615			
			-			
			-			
TOTAL	\$ 16,532,022	\$ 1,724,407	\$ 14,807,615			

ENTRY SIGNS

PROJECT NUMBER:	006274	
LOCATION:	Citywide - Various Locations	
STATUS:	In Progress - Construction	
DEPARTMENT:	Public Works	
PROJECT MANAGER:	Luisa Fernanda Arbelaez	
START DATE:	1/2011	
COMPLETION DATE:	12/2019	
ESTIMATED PROJECT COST:	\$ 677,943	

DESCRIPTION/JUSTIFICATION

This project will provide solar lighted entry feature signs in medians near 12 major entry points to the City. They are at Weston Road, NW 136th Avenue, Sunrise Boulevard (west), Oakland Park Boulevard (west and east), Hiatus Road (north), Nob Hill Road (north and south), Flamingo Road (south), University Drive (north and south) and Sunset Strip. An indexing sign pilot project was added to the project in 2013. The indexing signs were installed on University Drive between Sunrise Boulevard and NW 44th Street. The indexing signs will assist drivers in locating addresses in the business district. A total of 11 signs were installed. This project also includes restoration of the Entry Sign at NW 50th Street and Nob Hill. Additionally, utility box wraps will be evaluated for installation as screening.

Sustainable elements include solar lighting, and the project will complement our Naturescape landscaping.

FUNDING SOURCES

FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

PROJECT COMPONENTS

506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -


ESTIMATED ANNUAL OPERATING IMPACT

Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

HISTORICAL PROJECT-TO-DATE

FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
Fund 325	677,943	433,347	244,596
			-
			-
TOTAL	\$ 677,943	\$ 433,347	\$ 244,596

SUNRISE BLVD & NW 136TH AVE STREETScape IMPROVEMENTS

PROJECT NUMBER:	006450					
LOCATION:	NW 136 Ave, Sunrise Blvd to SR 84					
STATUS:	New Project					
DEPARTMENT:	Public Works					
PROJECT MANAGER:	Meghan Kaufold					
START DATE:	12/2020					
COMPLETION DATE:	10/2022					
ESTIMATED PROJECT COST:	\$ 1,360,000					
DESCRIPTION/JUSTIFICATION						
<p>This project would provide landscape and irrigation improvements to the medians on Sunrise Boulevard from the Sawgrass Expressway to NW 136th Avenue along with the medians on NW 136th Avenue from Sunrise Boulevard to SR 84. These roadways are considered the corporate and business entrances to the City. The landscaping and irrigation within these medians are nearly 30 years old and need updating to enhance the City's image and to incorporate state of the art irrigation system design. Additionally, this project provides for the design and construction of gateway structures at the intersection of NW 136th Avenue and Sunrise Boulevard to emphasize this major commercial, retail, and tourism intersection with iconic gateway features.</p> <p>*Sustainable elements include Florida Friendly Landscaping and a future connection to irrigational reuse water. Sustainability benefits include supporting our economic vibrancy, place making and environmental benefits such as water conservation and habitat promotion.*</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 325		760,000				\$ 760,000
Developer Contributions		600,000				\$ 600,000
						\$ -
TOTAL	\$ -	\$ 1,360,000	\$ -	\$ -	\$ -	\$ 1,360,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design		145,000				\$ 145,000
506505 - Const. Othr. Costs		5,000				\$ 5,000
506510 - Construction		1,210,000				\$ 1,210,000
TOTAL	\$ -	\$ 1,360,000	\$ -	\$ -	\$ -	\$ 1,360,000
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
					-	
					-	
					-	
TOTAL	\$ -	\$ -			\$ -	

SUNRISE LAKES PHASE 1 PARK



PROJECT NUMBER:	006453
LOCATION:	Sunrise Lakes Blvd & Sunrise Lakes Dr.
STATUS:	In Progress - Construction
DEPARTMENT:	Leisure Services
PROJECT MANAGER:	Dave Abderhalden
START DATE:	11/2011
COMPLETION DATE:	12/2019
ESTIMATED PROJECT COST:	\$ 1,488,609

DESCRIPTION/JUSTIFICATION

This project includes the construction of a new passive park on land purchased by Broward County and given to the City for the purpose of developing a passive park. The park will have a walking trail, trellis structure with seating and enhanced landscaping and irrigation. In cooperation with the Sunrise Lakes Phase I Condominium Association, an access easement will be created along the water so that the residents will have access from buildings south of the park to the clubhouse on the north side of the park.

Sustainable elements include Florida Friendly Landscaping, butterfly friendly plants, LED lighting and possibly, a raised bed herb garden area.

Annual Operating expenses include: 25% of a Facility Attendant position, utilities, and maintenance of the buildings and grounds.

FUNDING SOURCES

FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

PROJECT COMPONENTS

506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -


ESTIMATED ANNUAL OPERATING IMPACT

Personnel						\$ -
Operating	24,900	26,100	27,400	26,800	28,200	\$ 105,200
Capital Outlay						\$ -
TOTAL	\$ 24,900	\$ 26,100	\$ 27,400	\$ 26,800	\$ 28,200	\$ 105,200

HISTORICAL PROJECT-TO-DATE

FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
Fund 325	1,488,609	832,709	655,900
			-
			-
TOTAL	\$ 1,488,609	\$ 832,709	\$ 655,900

WEST SUNRISE TOD INFRASTRUCTURE IMPROVEMENTS

PROJECT NUMBER:	006474	
LOCATION:	Sawgrass Mills Mall	
STATUS:	In Progress - Design	
DEPARTMENT:	Public Works	
PROJECT MANAGER:	Luisa Fernanda Arbelaez	
START DATE:	7/2016	
COMPLETION DATE:	TBD	
ESTIMATED PROJECT COST:	\$ 275,867	

DESCRIPTION/JUSTIFICATION

As part of the overall development of the Mall area (bounded by Sunrise Blvd on the south, Flamingo Road on the east and NW 136th Ave on the west and north) there will be a need for various transit oriented design (TOD) infrastructure improvements (e.g. drainage, lighting, bicycle lanes, sidewalk, striping, signage, traffic calming, signalization, landscaping, irrigation) to be made by the City. At this point specific design criteria have not yet been developed by the Developer or the City. The City's consultant is developing the first phase of the project, the Master Plan, in order to prepare the specific scope and future phasing for these improvements. Stakeholder meetings will be held with City staff, outside agencies (i.e. Broward County Traffic Engineering, Broward County Surface Water Licensing, Broward County Metropolitan Planning Council), and property owners within the project area to develop the basis of design. A full design budget will be developed and presented to the City Commission at a future date.

Sustainable elements include Florida Friendly Landscaping, expanded multi-modal transport options including safe walking and bicycle accommodation, promotion of public transportation, installation of LED lighting, and potentially, infrastructure for alternative fuel and/or electric vehicles and commuter service.

FUNDING SOURCES

FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

PROJECT COMPONENTS

506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

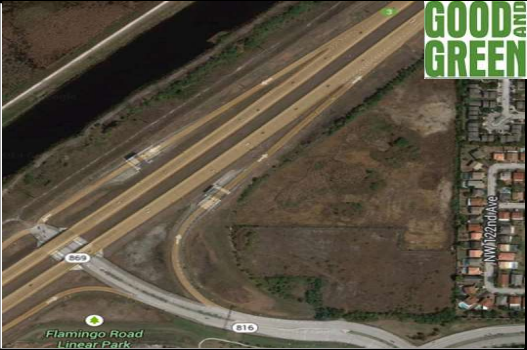
ESTIMATED ANNUAL OPERATING IMPACT

Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

HISTORICAL PROJECT-TO-DATE

FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
Fund 325	275,867	71,636	204,231
			-
			-
TOTAL	\$ 275,867	\$ 71,636	\$ 204,231

25.5 WETLANDS REMEDIATION

PROJECT NUMBER:	006475					
LOCATION:	Oakland Park Blvd. & Sawgrass Expy					
STATUS:	In Progress - Construction					
DEPARTMENT:	Public Works					
PROJECT MANAGER:	Dave Abderhalden					
START DATE:	12/2015					
COMPLETION DATE:	3/2020					
ESTIMATED PROJECT COST:	\$ 947,140					
DESCRIPTION/JUSTIFICATION						
<p>This project includes the design, construction and construction inspection for the removal of exotic and invasive plant material from approximately 16 acres of previously constructed wetlands on the "25.5" acre City owned parcel (folio 494024180010). As part of the construction project, a maintenance access path will be constructed within the wetlands area and portions of the perimeter fence will be replaced. Upon completion of the remediation activities, the City will be required to provide annual maintenance reports, written by a consultant, based upon the quarterly maintenance provided by a specialized private vendor.</p> <p>*Sustainable elements include Florida Friendly Landscaping and other restoration best practices. Sustainability benefits include habitat restoration and wetland preservation which will provide green infrastructure that supports our community's resiliency. The site will be eligible for Broward County Naturescape recognition for achieving National Wildlife Federation certification.*</p> <p>**Annual operating expenses include: ongoing control of non-native invasive species in the wetlands.**</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating	15,500	16,000	16,500	17,000	18,500	\$ 83,500
Capital Outlay						\$ -
TOTAL	\$ 15,500	\$ 16,000	\$ 16,500	\$ 17,000	\$ 18,500	\$ 83,500
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 325	947,140	151,198	795,942			
			-			
			-			
TOTAL	\$ 947,140	\$ 151,198	\$ 795,942			

COMMERCIAL BLVD LANDSCAPE AND IRRIGATION IMPROVEMENTS



PROJECT NUMBER:	006480
LOCATION:	Pine Island Rd to Sawgrass Expwy
STATUS:	New Project
DEPARTMENT:	Public Works
PROJECT MANAGER:	Earl Prizlee
START DATE:	10/2017
COMPLETION DATE:	TBD
ESTIMATED PROJECT COST:	\$ 553,000

DESCRIPTION/JUSTIFICATION

This project will enhance approximately 1.5 miles of the median on Commercial Boulevard from Pine Island Road to the Sawgrass Expressway with new landscaping material, a new irrigation system, and hardscaping. This will be a joint participation project with the City of Tamarac who will share the cost of design and construction.

Sustainable elements include Florida Friendly Landscaping, and sustainable community benefits include enhancing our business district.

FUNDING SOURCES

FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

PROJECT COMPONENTS

506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -


ESTIMATED ANNUAL OPERATING IMPACT

Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

HISTORICAL PROJECT-TO-DATE

FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
Fund 325	553,000	-	553,000
			-
			-
TOTAL	\$ 553,000	\$ -	\$ 553,000

SUNRISE COMMERCE PARK ENTRY FEATURES

PROJECT NUMBER:	006487					
LOCATION:	Hiatus Rd/NW 50th St/Nob Hill Rd					
STATUS:	New Project					
DEPARTMENT:	Public Works					
PROJECT MANAGER:	Luisa Fernanda Arbelaez					
START DATE:	8/2017					
COMPLETION DATE:	TBD					
ESTIMATED PROJECT COST:	\$ 28,896					
DESCRIPTION/JUSTIFICATION						
<p>This project proposes to evaluate the need and cost of entrance features into the Sawgrass Commerce Park. The initial phase will look at entry features at Hiatus Road and NW 44th Street, Hiatus Road and Commercial Boulevard, and NW 50th Street and Hiatus Road. Based on the outcome of the initial phase, funds may become available to provide design and construction services for the areas described above.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 325	28,896	13,395	15,501			
						-
						-
TOTAL	\$ 28,896	\$ 13,395	\$ 15,501			

SUNSET STRIP BICYCLE LANES



PROJECT NUMBER:	006488	
LOCATION:	NW 109th Ave to Nob Hill Road	
STATUS:	In Progress - Construction	
DEPARTMENT:	Public Works	
PROJECT MANAGER:	Meghan Kaufold	
START DATE:	3/2017	
COMPLETION DATE:	4/2020	
ESTIMATED PROJECT COST:	\$ 768,098	

DESCRIPTION/JUSTIFICATION

This project will extend the road diet on Sunset Strip from Nob Hill Road to NW 109th Avenue. Work includes modifying the existing four lane road section down to a two lane road section with bicycle lanes and buffers in each direction. The City has received an award letter for an FDOT Grant in the amount of \$316,514 to reimburse for portions of this project. Construction engineering inspection fees up to \$30,104 are covered by the FDOT grant and are included in the construction account.

Sustainable elements include encouraging the use of zero emission transportation and enhanced neighborhood quality and safety.

FUNDING SOURCES

FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

PROJECT COMPONENTS

506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -


ESTIMATED ANNUAL OPERATING IMPACT

Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

HISTORICAL PROJECT-TO-DATE

FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
Fund 325	768,098	64,613	703,485
			-
			-
TOTAL	\$ 768,098	\$ 64,613	\$ 703,485

FIRE ALERTING SYSTEM REPLACEMENT

PROJECT NUMBER:	006489					
LOCATION:	Fire Stations					
STATUS:	In Progress - Construction					
DEPARTMENT:	Fire Rescue					
PROJECT MANAGER:	Alan Gavazzi					
START DATE:	10/2016					
COMPLETION DATE:	11/2019					
ESTIMATED PROJECT COST:	\$ 555,000					
DESCRIPTION/JUSTIFICATION						
<p>This project will replace the existing alerting system that is not in compliance with NFPA 1221 and Insurance Service Organization. This regulatory item will make us compliant and will coincide with the replacement of the County's existing Fire Station Alerting System. The station alerting benefits include improved response times, maximized situational awareness and reduced dispatcher stress. The system aids first responders by increasing situational awareness and mental preparedness by using clear, consistent station alerting vocals. This helps units respond more quickly and efficiently.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 325	555,000	277,302	277,698			
			-			
			-			
TOTAL	\$ 555,000	\$ 277,302	\$ 277,698			

FIRE STATION BAY DOOR REPLACEMENT

PROJECT NUMBER:	006490
LOCATION:	Fire Stations 39, 59, 83, and 92
STATUS:	In Progress - Construction
DEPARTMENT:	Fire Rescue
PROJECT MANAGER:	Meghan Kaufold
START DATE:	1/2019
COMPLETION DATE:	10/2020
ESTIMATED PROJECT COST:	\$ 1,452,200



DESCRIPTION/JUSTIFICATION
<p>This project includes new apparatus bay doors at Fire Stations 39, 59, 83, and 92. The project will replace the current roll-up type bay doors with new accordion type bay doors on the street side of the stations. The new accordion type bay doors open faster than the roll-up type bay doors and are rated to withstand hurricane force winds. This project will be completed in two phases. Phase 1 will replace three doors at Fire Station 59. Phase 1 is partially funded through a hazard mitigation grant that must be completed in FY 20. The remaining doors will be replaced under future phases.</p>


FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 325	-	271,000	362,000	271,000	271,000	\$ 1,175,000
						\$ -
						\$ -
TOTAL	\$ -	\$ 271,000	\$ 362,000	\$ 271,000	\$ 271,000	\$ 1,175,000

PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs		19,000	26,000	19,000	19,000	\$ 83,000
506510 - Construction		252,000	336,000	252,000	252,000	\$ 1,092,000
TOTAL	\$ -	\$ 271,000	\$ 362,000	\$ 271,000	\$ 271,000	\$ 1,175,000

ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

HISTORICAL PROJECT-TO-DATE			
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
Fund 325	277,200	2,199	275,001
			-
			-
TOTAL	\$ 277,200	\$ 2,199	\$ 275,001

SUNSET STRIP TRAFFIC CIRCLE ENHANCEMENTS

PROJECT NUMBER:	006491					
LOCATION:	Sunset Strip at NW 64 Ave. & 19 St.					
STATUS:	In Progress - Design					
DEPARTMENT:	Public Works					
PROJECT MANAGER:	Meghan Kaufold					
START DATE:	1/2018					
COMPLETION DATE:	11/2021					
ESTIMATED PROJECT COST:	\$ 263,000					
DESCRIPTION/JUSTIFICATION						
<p>The Florida Department of Transportation (FDOT) designed and constructed new bicycle lanes and traffic circles on Sunset Strip from Sunrise Boulevard to Nob Hill Road. The traffic circles are located at NW 64th Avenue and NW 19th Street. As part of FDOT's construction project, only pavers and Bahia sod was installed in the center, non-vehicular area of the circles. This project proposes to enhance these areas with landscaping, irrigation, public art, and lighting in three phases. The first phase will install landscaping and irrigation within the center of the circles. The second phase will relocate underground utilities, so that they are in the roadway rather than in the center of the circle, and install a pedestal for future art work. The third phase will ultimately incorporate the Public Art at each of the circles.</p> <p>*Annual operating expenses include: water, electricity, and landscape maintenance.*</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 325	38,000					\$ 38,000
						\$ -
						\$ -
TOTAL	\$ 38,000	\$ -	\$ -	\$ -	\$ -	\$ 38,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design	5,000					\$ 5,000
506505 - Const. Othr. Costs	3,000					\$ 3,000
506510 - Construction	30,000					\$ 30,000
TOTAL	\$ 38,000	\$ -	\$ -	\$ -	\$ -	\$ 38,000
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating	1,200	1,225	1,250	1,275	1,300	\$ 6,250
Capital Outlay						\$ -
TOTAL	\$ 1,200	\$ 1,225	\$ 1,250	\$ 1,275	\$ 1,300	\$ 6,250
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget		Project-to-Date (PTD) Actuals		Project-to-Date (PTD) Balance	
Fund 325	225,000		-		225,000	
					-	
					-	
TOTAL	\$ 225,000		\$ -		\$ 225,000	

SUNRISE TENNIS CLUB COURT LIGHTING REPLACEMENT

PROJECT NUMBER:	006493
LOCATION:	9605 West Oakland Park Boulevard
STATUS:	In Progress - Construction
DEPARTMENT:	Leisure Services
PROJECT MANAGER:	Meghan Kaufold
START DATE:	10/2018
COMPLETION DATE:	11/2019
ESTIMATED PROJECT COST:	\$ 1,045,374



DESCRIPTION/JUSTIFICATION

This project proposes to replace light fixtures, poles/mast arms, and associated foundations at all clay and hard surface courts at the Sunrise Tennis Club with new energy efficient LED light fixtures. This work is necessary due to the age of the lights and poles, some of which were damaged during Hurricane Irma.

Sustainable elements include energy savings by switching from metal halide lighting to LED, which should reduce power usage by more than 50%.

FUNDING SOURCES

FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

PROJECT COMPONENTS

506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

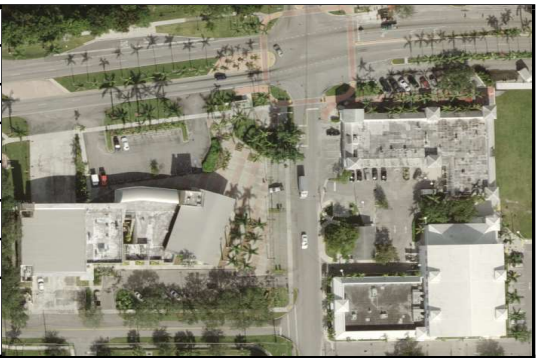
ESTIMATED ANNUAL OPERATING IMPACT

Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -


HISTORICAL PROJECT-TO-DATE

FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
Fund 325	1,045,374	24,014	1,021,360
			-
			-
TOTAL	\$ 1,045,374	\$ 24,014	\$ 1,021,360

VILLAGE ART PLAZA

PROJECT NUMBER:	006494					
LOCATION:	2240 NW 68th Avenue					
STATUS:	In Progress - Design					
DEPARTMENT:	Leisure Services					
PROJECT MANAGER:	Earl Prizlee					
START DATE:	1/2019					
COMPLETION DATE:	5/2021					
ESTIMATED PROJECT COST:	\$ 4,253,000					
DESCRIPTION/JUSTIFICATION						
<p>The purpose of this project is to create a public space in the Village area of Sunset Strip that connects the Community Center and City Park. The plaza would be home to public art pieces as well as providing space for farmer's markets, festivals, and similar public gatherings. This new plaza would have a unique paving surface that would help define the space. The project would have the ability to close off NW 68th Avenue via removable bollards. Other work may include drainage improvements, overhead utility relocation, landscaping modifications, and lighting improvements.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 325		3,749,200				\$ 3,749,200
						\$ -
						\$ -
TOTAL	\$ -	\$ 3,749,200	\$ -	\$ -	\$ -	\$ 3,749,200
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs		795,200				\$ 795,200
506510 - Construction		2,954,000				\$ 2,954,000
TOTAL	\$ -	\$ 3,749,200	\$ -	\$ -	\$ -	\$ 3,749,200
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget		Project-to-Date (PTD) Actuals		Project-to-Date (PTD) Balance	
Fund 325	503,800		-		503,800	
					-	
					-	
TOTAL	\$ 503,800		\$ -		\$ 503,800	

MARQUEE SIGNS

PROJECT NUMBER:	006495	
LOCATION:	Various	
STATUS:	In Progress - Design	
DEPARTMENT:	Leisure Services	
PROJECT MANAGER:	Meghan Kaufold	
START DATE:	9/2018	
COMPLETION DATE:	10/2021	
ESTIMATED PROJECT COST:	\$ 399,000	

DESCRIPTION/JUSTIFICATION

This project proposes to install up to three new LED marquee message signs in strategic locations in the City. The proposed signs will be a 2-sided monument type structures with inset messaging boards. The message board will be a high resolution (10mm) matrix of LED's with a size up to 7' high by 10' long, however the ultimate sign size may vary depending on the available space.

Annual operating expenses include: electricity usage.

FUNDING SOURCES

FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 325	352,000					\$ 352,000
						\$ -
						\$ -
TOTAL	\$ 352,000	\$ -	\$ -	\$ -	\$ -	\$ 352,000

PROJECT COMPONENTS

506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs	17,000					\$ 17,000
506510 - Construction	335,000					\$ 335,000
TOTAL	\$ 352,000	\$ -	\$ -	\$ -	\$ -	\$ 352,000


ESTIMATED ANNUAL OPERATING IMPACT

Personnel						\$ -
Operating		1,900	2,000	2,100	2,200	\$ 8,200
Capital Outlay						\$ -
TOTAL	\$ -	\$ 1,900	\$ 2,000	\$ 2,100	\$ 2,200	\$ 8,200


HISTORICAL PROJECT-TO-DATE

FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
Fund 325	47,000	-	47,000
			-
			-
TOTAL	\$ 47,000	\$ -	\$ 47,000

CELEBRATE SUNRISE - ENTRY FEATURES

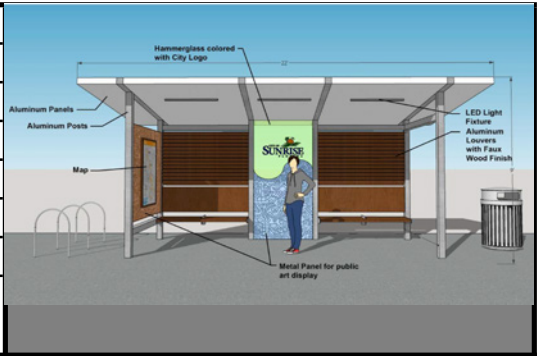
PROJECT NUMBER:	006496					
LOCATION:	Various					
STATUS:	New Project					
DEPARTMENT:	Public Works					
PROJECT MANAGER:	TBD					
START DATE:	10/2019					
COMPLETION DATE:	10/2022					
ESTIMATED PROJECT COST:	\$ 372,000					
DESCRIPTION/JUSTIFICATION						
<p>This project was identified and recommended in the East Sunrise Improvements Master Plan, which proposes to celebrate and enhance the City through the installation of dynamic entry features. The first project will install an archway on Sunset Strip and Sunrise Boulevard. The archway will span the entire roadway and will have graphics that welcomes visitors to the City. The structure will be lit with LED fixtures, that will both illuminate and enhance the architecture of the archway. The second sign will be located in the median of University Drive just north of Sunrise Boulevard. The second project will be a sign that brands this heavily traveled commercial district as "U-Drive". The sign is proposed to be a tall slender structure with vertical graphics. It will be lit from within and may rotate to further emphasize the dynamic nature of this corridor.</p> <p>*Annual operating expenses include: electricity and maintenance of the landscaping and irrigation.*</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 325	75,000	297,000		-		\$ 372,000
						\$ -
						\$ -
TOTAL	\$ 75,000	\$ 297,000	\$ -	\$ -	\$ -	\$ 372,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design	75,000					\$ 75,000
506505 - Const. Othr. Costs		22,000				\$ 22,000
506510 - Construction		275,000				\$ 275,000
TOTAL	\$ 75,000	\$ 297,000	\$ -	\$ -	\$ -	\$ 372,000
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating		1,800	1,825	1,850	1,875	\$ 7,350
Capital Outlay						\$ -
TOTAL	\$ -	\$ 1,800	\$ 1,825	\$ 1,850	\$ 1,875	\$ 7,350
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
						-
						-
						-
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	-

CIVIC CENTER PHASE II IMPROVEMENTS

PROJECT NUMBER:	006497					
LOCATION:	Various					
STATUS:	New Project					
DEPARTMENT:	Leisure Services					
PROJECT MANAGER:	Earl Prizlee					
START DATE:	11/2019					
COMPLETION DATE:	10/2021					
ESTIMATED PROJECT COST:	\$ 3,367,200					
DESCRIPTION/JUSTIFICATION						
<p>Under the Leisure Services General Obligation Bond, the east wing of the Civic Center received a \$10,000,000 expansion and renovation to the Athletic Club area of the building. This work provided much needed programming space for the residents, however the project revealed other needs in the building, which is approaching its 20th year in operation. Much of the work is necessary to replace materials that need updating or have reached their useful life expectancy. Work primarily includes, replacement of the fire alarm system, upgrades to the generator, modifications to the ballroom HVAC system, replace the original way finding signage, repairs to surfaces damaged by water infiltration, replace metal doors and frames, updating seating and finishes in the theater, replace bleachers in the original gym with new motorized bleachers, replace the translucent windows, replace cabinetry, replace ceiling tiles, replace lockers in the pool area, replace toilet partitions, install low water usage plumbing fixtures, and replace old light fixtures with high efficiency LED fixtures. On the exterior of the building, the rotunda and roundabout require improvements such as new pavers, repairs to planter boxes, refinish exterior decorative light fixtures, replace damaged lighted bollards, and replace missing landscaping.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 325	345,000	3,022,200				\$ 3,367,200
						\$ -
						\$ -
TOTAL	\$ 345,000	\$ 3,022,200	\$ -	\$ -	\$ -	\$ 3,367,200
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design	331,200					\$ 331,200
506505 - Const. Othr. Costs	13,800	262,200				\$ 276,000
506510 - Construction		2,760,000				\$ 2,760,000
TOTAL	\$ 345,000	\$ 3,022,200	\$ -	\$ -	\$ -	\$ 3,367,200
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
						-
						-
						-
TOTAL	\$ -	\$ -	\$ -			-

CITYWIDE BUS SHELTERS

PROJECT NUMBER:	006498
LOCATION:	Various
STATUS:	In Progress - Design
DEPARTMENT:	Public Works
PROJECT MANAGER:	Luisa Fernanda Arbelaez
START DATE:	8/2019
COMPLETION DATE:	11/2022
ESTIMATED PROJECT COST:	\$ 275,000



DESCRIPTION/JUSTIFICATION

This project proposes to design and construct new bus shelters that are unique to the City of Sunrise. The shelters will be larger than those currently installed in the City with enhanced protection from the elements. The structures will be equipped with built-in seating, LED lighting powered with solar photovoltaic panels and will have areas that can display public art. Other amenities will include waste receptacles and a bicycle rack.

FUNDING SOURCES

FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

PROJECT COMPONENTS

506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

ESTIMATED ANNUAL OPERATING IMPACT

Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

HISTORICAL PROJECT-TO-DATE

FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
Fund 325	275,000		275,000
			-
			-
TOTAL	\$ 275,000	\$ -	\$ 275,000

HIATUS ROAD TRAILHEAD PARK

PROJECT NUMBER:	TBD
LOCATION:	Hiatus Road and NW 29th Manor
STATUS:	New Project
DEPARTMENT:	Leisure Services
PROJECT MANAGER:	Meghan Kaufold
START DATE:	3/2021
COMPLETION DATE:	10/2022
ESTIMATED PROJECT COST:	\$ 352,000



DESCRIPTION/JUSTIFICATION

This project proposes to develop a 1.85-acre parcel located on the northwest corner of the Hiatus Road and NW 29th Manor into a passive park. Given its proximity to the Hiatus Greenway, the new park would provide a rest area for cyclists, walkers, and joggers using the trail. Initially, the park would be cleared of existing invasive and exotic landscaping material. The new park would provide open space with amenities that may include a pavilion, drinking fountain, bicycle repair station, benches and tables, 600 linear feet of paved walkways, solar lighting, and native plant material.

Sustainable elements include eliminating invasive plant materials, promoting alternative methods of transportation, and utilizing solar lighting.

Annual operating expenses include: maintenance of the pavilion and grounds.

FUNDING SOURCES

FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 325		47,700	304,300			\$ 352,000
						\$ -
						\$ -
TOTAL	\$ -	\$ 47,700	\$ 304,300	\$ -	\$ -	\$ 352,000

PROJECT COMPONENTS

506100 - Land Purchase						\$ -
506502 - Const. Design		45,000				\$ 45,000
506505 - Const. Othr. Costs		2,700	6,300			\$ 9,000
506510 - Construction			298,000			\$ 298,000
TOTAL	\$ -	\$ 47,700	\$ 304,300	\$ -	\$ -	\$ 352,000

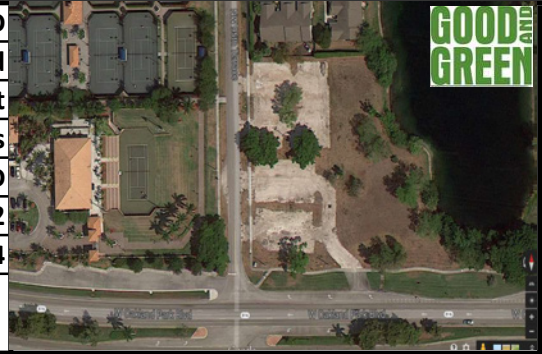
ESTIMATED ANNUAL OPERATING IMPACT

Personnel						\$ -
Operating				3,500	3,800	\$ 7,300
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ 3,500	\$ 3,800	\$ 7,300

HISTORICAL PROJECT-TO-DATE

FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
			-
			-
			-
TOTAL	\$ -	\$ -	\$ -

9525 PARCEL IMPROVEMENTS



PROJECT NUMBER:	TBD
LOCATION:	9525 W. Oakland Park Boulevard
STATUS:	New Project
DEPARTMENT:	Leisure Services
PROJECT MANAGER:	TBD
START DATE:	10/2022
COMPLETION DATE:	10/2024
ESTIMATED PROJECT COST:	\$ 1,092,800

DESCRIPTION/JUSTIFICATION

This project could develop the existing vacant City parcel at the northeast corner of West Oakland Park Boulevard and NW 95th Terrace into a new park. Work could include construction of a small restroom building, pavilions, walking paths, a parking lot, landscape enhancements, irrigation and a decorative perimeter fence. Security improvements would be included and costs would be determined during design.

Sustainable elements include LED lighting and Florida friendly landscaping.

Annual operating expenses include: 25% of a Facility Attendant position, utilities, and maintenance of the building and grounds.

FUNDING SOURCES

FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 325				1,092,800		\$ 1,092,800
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ 1,092,800	\$ -	\$ 1,092,800

PROJECT COMPONENTS

506100 - Land Purchase						\$ -
506502 - Const. Design				140,100		\$ 140,100
506505 - Const. Othr. Costs				19,000		\$ 19,000
506510 - Construction				933,700		\$ 933,700
TOTAL	\$ -	\$ -	\$ -	\$ 1,092,800	\$ -	\$ 1,092,800


ESTIMATED ANNUAL OPERATING IMPACT

Personnel					14,000	\$ 14,000
Operating					4,200	\$ 4,200
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ 18,200	\$ 18,200

HISTORICAL PROJECT-TO-DATE


FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
			-
			-
			-
TOTAL	\$ -	\$ -	\$ -

BAIR MIDDLE SCHOOL JOINT USE PARK

PROJECT NUMBER:	TBD					
LOCATION:	9100 NW 21st Manor					
STATUS:	New Project					
DEPARTMENT:	Leisure Services					
PROJECT MANAGER:	TBD					
START DATE:	10/2023					
COMPLETION DATE:	10/2024					
ESTIMATED PROJECT COST:	\$ 797,600					
DESCRIPTION/JUSTIFICATION						
<p>This project would enhance existing facilities at Bair Middle School under a joint agreement with the School Board of Broward County and the City. Work may include resurfacing the existing running track, upgrading of the existing basketball courts, addition of shade structures over the basketball courts, improvements to the existing lighting, and modifications to the existing fencing. Security improvements would be included and costs would be determined during design.</p> <p>*Annual operating expenses include: 25% of Facility Attendant position.*</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 325				797,600		\$ 797,600
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ 797,600	\$ -	\$ 797,600
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design				101,300		\$ 101,300
506505 - Const. Othr. Costs				21,000		\$ 21,000
506510 - Construction				675,300		\$ 675,300
TOTAL	\$ -	\$ -	\$ -	\$ 797,600	\$ -	\$ 797,600
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel					14,000	\$ 14,000
Operating					3,000	\$ 3,000
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ 17,000	\$ 17,000
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
					-	
					-	
					-	
TOTAL	\$ -	\$ -			-	



ROARKE HALL

PROJECT NUMBER:	7000GI					
LOCATION:	1720 NW 60th Avenue					
STATUS:	In Progress - Construction					
DEPARTMENT:	Leisure Services					
PROJECT MANAGER:	Meghan Kaufold					
START DATE:	4/2017					
COMPLETION DATE:	9/2020					
ESTIMATED PROJECT COST:	\$ 1,409,697					
DESCRIPTION/JUSTIFICATION						
<p>This project will resurface the existing pool, construct a 2,500 square foot splash pad, installation of additional parking spaces, replacement of the roof, installation of impact resistant windows for clearstory glazing, landscaping improvements, and security improvements. This project was split into several phases, with some of the design being completed by in-house staff and smaller portions of work being bid-out to trade specific contractors. Work already completed includes: renovation of the restrooms and interior floor surfaces, replacement of the air conditioning system, installation of the impact windows, and resurfacing of the pool.</p> <p>*Annual operating expenses include: one (1) Facility Attendant position, utility expenses, maintenance of the building and grounds, as well as future capital outlay expenses.*</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel	31,875	48,400	49,600	50,800	51,200	\$ 231,875
Operating	9,000	18,100	31,600	33,200	33,800	\$ 125,700
Capital Outlay				9,000		\$ 9,000
TOTAL	\$ 40,875	\$ 66,500	\$ 81,200	\$ 93,000	\$ 85,000	\$ 366,575
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 326	305,497	147,967	157,530			
Fund 325	1,104,200	92,115	1,012,085			
			-			
TOTAL	\$ 1,409,697	\$ 240,082	\$ 1,169,615			

WELLEBY PARK EXPANSION



PROJECT NUMBER:	7002PK
LOCATION:	11100 NW 44th Street
STATUS:	In Progress - Construction
DEPARTMENT:	Leisure Services
PROJECT MANAGER:	Dave Abderhalden
START DATE:	5/2015
COMPLETION DATE:	10/2019
ESTIMATED PROJECT COST:	\$ 6,713,921

DESCRIPTION/JUSTIFICATION

This project will expand the existing park to the west and renovate existing site amenities. The project includes the purchase of the adjacent 4-acre parcel on the western side of the park that will be developed into a Dog Park. Dog Park work includes the creation of large, small, and tiny dog areas, small restroom building, site furnishings and adjacent parking for dog owners. In the existing portion of the park, work includes an 800 square foot expansion to the existing meeting room, construction of a Family Themed Splash Pad, a new playground, construction of a "Safety Town", and construction of a pier along the water's edge.

Sustainable features include LED lighting, use of recycled lumber on the boardwalk, high efficiency air conditioning systems, and Florida friendly landscaping.

Annual operating expenses include: one (1) Facility Attendant position, utility expenses, maintenance of the building and grounds, as well as future capital outlay expenses.

FUNDING SOURCES

FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

PROJECT COMPONENTS

506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

ESTIMATED ANNUAL OPERATING IMPACT

Personnel	49,600	50,800	52,100	54,000	54,900	\$ 261,400
Operating	73,900	77,600	81,500	85,000	87,500	\$ 405,500
Capital Outlay	8,000					\$ 8,000
TOTAL	\$ 131,500	\$ 128,400	\$ 133,600	\$ 139,000	\$ 142,400	\$ 674,900

HISTORICAL PROJECT-TO-DATE

FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
Fund 326	3,075,721	2,912,713	163,008
Fund 325	3,638,200	1,096,244	2,541,956
			-
TOTAL	\$ 6,713,921	\$ 4,008,957	\$ 2,704,964

SENIOR CENTER EXPANSION



PROJECT NUMBER:	7003GB
LOCATION:	10650 W. Oakland Park Boulevard
STATUS:	In Progress - Construction
DEPARTMENT:	Leisure Services
PROJECT MANAGER:	Earl Prizlee
START DATE:	5/2015
COMPLETION DATE:	10/2019
ESTIMATED PROJECT COST:	\$ 2,633,125

DESCRIPTION/JUSTIFICATION

This project provides for the expansion of the existing Senior Center to provide space for enhanced and additional programming. Work includes a new exercise room, a new craft room, an upgraded kitchen that can accommodate cooking classes, a new media room, expansion of the garden area with screened-in space, updating of the Burgundy Room, additional parking and roof replacement. Necessary security improvements will be determined during the design phase of the project.

Sustainable elements include new LED interior lighting, low VOC paints, improved insulation, and reflective roofing.
 Annual operating expenses include: utility expenses, maintenance of the building and grounds, as well as future capital outlay expenses.

FUNDING SOURCES

FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

PROJECT COMPONENTS

506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

ESTIMATED ANNUAL OPERATING IMPACT

Personnel	17,100	17,600	18,000	18,500	19,000	\$ 90,200
Operating	18,000	18,900	19,800	20,500	21,200	\$ 98,400
Capital Outlay						\$ -
TOTAL	\$ 35,100	\$ 36,500	\$ 37,800	\$ 39,000	\$ 40,200	\$ 188,600

HISTORICAL PROJECT-TO-DATE

FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
Fund 326	1,664,725	1,489,495	175,230
Fund 325	968,400	917	967,483
			-
TOTAL	\$ 2,633,125	\$ 1,490,412	\$ 1,142,713

SUNRISE SPORTSPLEX



PROJECT NUMBER:	7005PK
LOCATION:	Pine Island Road and NW 50th Street
STATUS:	In Progress - Construction
DEPARTMENT:	Leisure Services
PROJECT MANAGER:	Alan Gavazzi
START DATE:	8/2015
COMPLETION DATE:	10/2019
ESTIMATED PROJECT COST:	\$ 16,670,421

DESCRIPTION/JUSTIFICATION

The project includes the purchase of two parcels totaling approximately 16.4 acres, near the northwest corner of Pine Island Road and NW 50th Street that will be developed into a new park. Work includes the construction of one lighted convertible full size multi-purpose field, four lighted youth baseball/softball fields, two playgrounds, one concession building with restroom facilities, one maintenance/storage building with restroom facilities, covered bleachers and a paved parking lot. Necessary security improvements will be determined during the design phase of the project.

Sustainable elements include LED field and site lighting, Florida friendly landscaping, and drinking fountains with a water bottle filling spout.

Annual operating expenses include: Two (2) full time Facility Attendant positions, one (1) part time Facility Attendant position, utility expenses, maintenance of the building and grounds, purchase of a sand pro, purchase of a utility vehicle, and purchase of three (3) pitching machines.

FUNDING SOURCES

FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

PROJECT COMPONENTS

506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

ESTIMATED ANNUAL OPERATING IMPACT

Personnel	215,200	220,600	226,100	232,400	238,500	\$ 1,132,800
Operating	172,000	180,600	189,600	198,200	207,400	\$ 947,800
Capital Outlay						\$ -
TOTAL	\$ 387,200	\$ 401,200	\$ 415,700	\$ 430,600	\$ 445,900	\$ 2,080,600

HISTORICAL PROJECT-TO-DATE

FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
Fund 326	13,490,421	13,403,175	87,246
Fund 325	3,180,000	2,374,348	805,652
			-
TOTAL	\$ 16,670,421	\$ 15,777,523	\$ 892,898

CIVIC CENTER EXPANSION



PROJECT NUMBER:	7006GB
LOCATION:	10610 W. Oakland Park Blvd
STATUS:	In Progress - Construction
DEPARTMENT:	Leisure Services
PROJECT MANAGER:	Earl Prizlee
START DATE:	5/2015
COMPLETION DATE:	10/2019
ESTIMATED PROJECT COST:	\$ 11,770,115

DESCRIPTION/JUSTIFICATION

This project allows for the expansion of the existing Civic Center to provide space for enhanced and additional programming. Work includes a new gymnasium with basketball courts and second floor walking track, new multi-level fitness area, new racquetball courts, new multi-purpose room, repurposing of the game room, new restrooms with a dressing area, additional office space on the second floor, roof replacement, and associated landscape improvements. Necessary security improvements will be determined during the design phase of the project.

Sustainable elements include new light-emitting diode (LED) interior lighting, low volatile organic compound (VOC) paints, improved insulation, and reflective roofing.

Annual operating expenses include: one (1) part time Facility Attendant position, one (1) Recreation Leader position, two (2) part time Recreation Attendant positions, utility expenses, and maintenance of the building and grounds.

FUNDING SOURCES

FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

PROJECT COMPONENTS

506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -


ESTIMATED ANNUAL OPERATING IMPACT

Personnel	138,800	142,300	149,500	156,800	163,300	\$ 750,700
Operating	90,000	94,500	99,300	104,200	109,400	\$ 497,400
Capital Outlay						\$ -
TOTAL	\$ 228,800	\$ 236,800	\$ 248,800	\$ 261,000	\$ 272,700	\$ 1,248,100

HISTORICAL PROJECT-TO-DATE

FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
Fund 326	6,548,615	6,544,662	3,953
Fund 325	5,221,500	2,680,065	2,541,435
			-
TOTAL	\$ 11,770,115	\$ 9,224,727	\$ 2,545,388

SECURITY IMPROVEMENTS

PROJECT NUMBER:	7007GI					
LOCATION:	Various					
STATUS:	In Progress - Construction					
DEPARTMENT:	Leisure Services					
PROJECT MANAGER:	Earl Prizlee					
START DATE:	5/2015					
COMPLETION DATE:	9/2021					
ESTIMATED PROJECT COST:	\$ 2,492,209					
DESCRIPTION/JUSTIFICATION						
<p>This project allows for the installation of a security system for parks, recreation or leisure services facilities which are not otherwise receiving financing from the bond proceeds. Items may include a CCTV system, emergency call stations, enhanced lighting, fencing, and modifications to landscaping or similar built elements that may cause security concerns.</p> <p>***Second tranche of the General Obligation Bonds issuance expected in FY 2019/2020, budget amendment will be processed to move funding once issuance is complete.***</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Future Bond Proceeds		2,387,000				\$ 2,387,000
						\$ -
						\$ -
TOTAL	\$ -	\$ 2,387,000	\$ -	\$ -	\$ -	\$ 2,387,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs		177,000				\$ 177,000
506510 - Construction		2,210,000				\$ 2,210,000
TOTAL	\$ -	\$ 2,387,000	\$ -	\$ -	\$ -	\$ 2,387,000
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 326	55,209	47,423	7,786			
Fund 325	50,000	-	50,000			
			-			
TOTAL	\$ 105,209	\$ 47,423	\$ 57,786			

VETERANS PARK



PROJECT NUMBER:	7008PK
LOCATION:	5300 Nob Hill Road
STATUS:	In Progress - Construction
DEPARTMENT:	Leisure Services
PROJECT MANAGER:	Dave Abderhalden
START DATE:	12/2015
COMPLETION DATE:	10/2019
ESTIMATED PROJECT COST:	\$ 4,852,119

DESCRIPTION/JUSTIFICATION

This project allows for the construction of Veterans Park (4.5 acres). Veterans Park will have a Memorial Garden with a contemplation labyrinth and the design process will engage the Vet Gardens program at the William B Kling VA Clinic. Other amenities include a boundless playground, restroom facilities, walking paths, security lighting, open play area, vehicular parking, landscaping improvements, and irrigation.

Sustainable design elements include Florida Friendly Landscaping, LED lighting, low flow toilets, playground safety surface made of recycled tires, site furnishings made from recycled lumber. The park will receive Broward County Naturescape recognition for receiving National Wildlife Federation certification.

Annual operating expenses include: one (1) part time Facility Attendant position, maintenance of the building and grounds, as well as future capital outlay expenses.

FUNDING SOURCES

FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

PROJECT COMPONENTS

506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -


ESTIMATED ANNUAL OPERATING IMPACT

Personnel	48,400	49,600	50,800	52,000	54,200	\$ 255,000
Operating	47,900	50,200	52,800	55,200	58,600	\$ 264,700
Capital Outlay						\$ -
TOTAL	\$ 96,300	\$ 99,800	\$ 103,600	\$ 107,200	\$ 112,800	\$ 519,700

HISTORICAL PROJECT-TO-DATE

FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
Fund 325	4,018,409	1,213,030	2,805,379
Fund 326	833,710	785,908	47,802
			-
TOTAL	\$ 4,852,119	\$ 1,998,938	\$ 2,853,181

OSCAR WIND PARK

PROJECT NUMBER:	7009PK	
LOCATION:	200 North New River Circle	
STATUS:	In Progress - Design	
DEPARTMENT:	Leisure Services	
PROJECT MANAGER:	Meghan Kaufold	
START DATE:	10/2016	
COMPLETION DATE:	9/2024	
ESTIMATED PROJECT COST:	\$ 14,127,205	

DESCRIPTION/JUSTIFICATION

Work includes renovation and expansion of Oscar Wind Park with the purchase of the Cypress Bay Annex facility from the School Board. At Cypress Bay Annex, work may include, construction of 100 paved parking spaces, construction of 150 stabilized grade overflow parking spaces, construction of a 15,000 square foot multi-purpose building with a gymnasium, landscaping, irrigation, and site lighting. At Oscar Wind, work includes the replacement of the existing bathroom and playground, a new boardwalk on the shoreline with a canoe/kayak launch area. The existing fields will remain. Security improvements will be included and costs will be determined during design.

* Sustainable elements include new LED interior lighting, low VOC paints, high R-value insulation, Florida Friendly landscaping, and recycled lumber on the boardwalk.*

Annual operating expenses include: one (1) Facility Attendant, one Operations Supervisor, one Recreation Leader, two part time Attendants, utilities, maintenance of the building and grounds, and future capital outlay expenses.

Second tranche of the General Obligation Bonds issuance expected in FY 2019/2020, budget amendment will be processed to move funding once issuance is complete.

FUNDING SOURCES

FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Future Bond Proceeds		3,200,000	1,028,496	6,345,800	-	\$ 10,574,296
						\$ -
						\$ -
TOTAL	\$ -	\$ 3,200,000	\$ 1,028,496	\$ 6,345,800	\$ -	\$ 10,574,296

PROJECT COMPONENTS

506100 - Land Purchase						\$ -
506502 - Const. Design			785,496			\$ 785,496
506505 - Const. Othr. Costs			243,000			\$ 243,000
506510 - Construction		3,200,000		6,345,800		\$ 9,545,800
TOTAL	\$ -	\$ 3,200,000	\$ 1,028,496	\$ 6,345,800	\$ -	\$ 10,574,296


ESTIMATED ANNUAL OPERATING IMPACT

Personnel		59,600	244,300	250,400		\$ 554,300
Operating		14,900	93,600	98,300		\$ 206,800
Capital Outlay		8,000				\$ 8,000
TOTAL	\$ -	\$ 82,500	\$ 337,900	\$ 348,700	\$ -	\$ 769,100

HISTORICAL PROJECT-TO-DATE

FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
Fund 326	3,097,909	3,072,583	25,326
Fund 325	455,000	3,206	451,794
			-
TOTAL	\$ 3,552,909	\$ 3,075,789	\$ 477,120

CITY PARK IMPROVEMENTS

PROJECT NUMBER:	7010PK	
LOCATION:	6700 Sunset Strip	
STATUS:	In Progress - Construction	
DEPARTMENT:	Leisure Services	
PROJECT MANAGER:	Meghan Kaufold	
START DATE:	9/2016	
COMPLETION DATE:	10/2020	
ESTIMATED PROJECT COST:	\$ 8,579,662	

DESCRIPTION/JUSTIFICATION

This project is a complete renovation of City Park. Work under the reconfiguration of the park to include the construction of three new covered basketball courts, renovations of the two existing tennis courts, an expanded parking lot, a new multi-purpose field, installation of a permanent theatrical stage for City events, walking paths, and purchase and renovation of three or more existing storefronts in the commercial building located at the southeast corner of NW 68th Avenue and Sunset Strip. Necessary security improvements will be determined during the design phase of the project.

Sustainable elements include LED site interior lighting, low VOC paints, Florida friendly landscaping, and drinking fountains with a water bottle filling spout.

Annual operating expenses include: one (1) part time Facility Attendant position, utility expenses, maintenance of the building and grounds, as well as future capital outlay expenses.

Second tranche of the General Obligation Bonds issuance expected in FY 2019/2020, budget amendment will be processed to move funding once issuance is complete.

FUNDING SOURCES

FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Future Bond Proceeds		975,000				\$ 975,000
						\$ -
						\$ -
TOTAL	\$ -	\$ 975,000	\$ -	\$ -	\$ -	\$ 975,000

PROJECT COMPONENTS

506100 - Land Purchase						\$ -
506502 - Const. Design		75,000				\$ 75,000
506505 - Const. Othr. Costs		150,000				\$ 150,000
506510 - Construction		750,000				\$ 750,000
TOTAL	\$ -	\$ 975,000	\$ -	\$ -	\$ -	\$ 975,000


ESTIMATED ANNUAL OPERATING IMPACT

Personnel	4,175	16,700	17,100	17,600	18,200	\$ 73,775
Operating	6,900	27,600	29,000	30,400	31,800	\$ 125,700
Capital Outlay			4,000			\$ 4,000
TOTAL	\$ 11,075	\$ 44,300	\$ 50,100	\$ 48,000	\$ 50,000	\$ 203,475


HISTORICAL PROJECT-TO-DATE

FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
Fund 326	859,662	602,378	257,284
Fund 325	6,745,000	12,500	6,732,500
			-
TOTAL	\$ 7,604,662	\$ 614,878	\$ 6,989,784


SUNSET STRIP PARK AT NW 109TH AVENUE

PROJECT NUMBER:	7012PK					
LOCATION:	Sunset Strip & NW 109th Avenue					
STATUS:	In Progress - Design					
DEPARTMENT:	Leisure Services					
PROJECT MANAGER:	Dave Abderhalden					
START DATE:	10/2016					
COMPLETION DATE:	12/2020					
ESTIMATED PROJECT COST:	\$ 1,720,359					
DESCRIPTION/JUSTIFICATION						
<p>This project will convert an existing four-lane divided road section into a new park. Work may include installation of a new playground with a shade structure, a small restroom building, open multi-purpose green space, landscaping, irrigation and a decorative perimeter fence. Security improvements will be included and costs will be determined during design.</p> <p>*Sustainable elements include LED lighting, low VOC paints, reduced impervious area, and Florida friendly landscaping.*</p> <p>**Annual operating expenses include: 25% of a Facility Attendant position, utility expenses, and maintenance of the building and grounds.**</p> <p>***Second tranche of the General Obligation Bonds issuance expected in FY 2019/2020, budget amendment will be processed to move funding once issuance is complete.***</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Future Bond Proceeds		1,530,000				\$ 1,530,000
						\$ -
						\$ -
TOTAL	\$ -	\$ 1,530,000	\$ -	\$ -	\$ -	\$ 1,530,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs		30,000				\$ 30,000
506510 - Construction		1,500,000				\$ 1,500,000
TOTAL	\$ -	\$ 1,530,000	\$ -	\$ -	\$ -	\$ 1,530,000
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel		32,000	32,800	33,600	35,200	\$ 133,600
Operating		38,300	39,200	41,100	43,000	\$ 161,600
Capital Outlay						\$ -
TOTAL	\$ -	\$ 70,300	\$ 72,000	\$ 74,700	\$ 78,200	\$ 295,200
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 326	167,869	92,440	75,429			
Fund 325	22,490	-	22,490			
			-			
TOTAL	\$ 190,359	\$ 92,440	\$ 97,919			

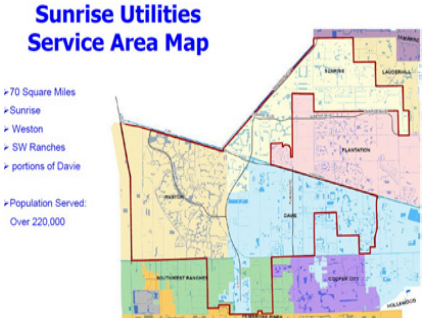
SAC PARK EXPANSION AND RENOVATION

PROJECT NUMBER:	7013PK					
LOCATION:	11501 NW 44th Street					
STATUS:	In Progress - Design					
DEPARTMENT:	Leisure Services					
PROJECT MANAGER:	Meghan Kaufold					
START DATE:	10/2016					
COMPLETION DATE:	2/2021					
ESTIMATED PROJECT COST:	\$ 16,933,292					
DESCRIPTION/JUSTIFICATION						
<p>This project will renovate the existing playground, meeting hall, and restroom facilities and removal of ball fields 4, 5, and the existing basketball courts, construction of a 15,000 square foot Multi-purpose building, five new covered basketball courts, refurbish the multi-purpose fields, construction of additional parking, resurfacing the existing tennis courts, construction of a new concession building with a scorers tower, and upgrading of existing sports lighting. Security improvements will be included. A State of Florida Department of Environmental Protection grant for \$200,000 was awarded to the City. Grant work includes the five covered basketball courts, concession building, and refurbishing the multi-purpose fields.</p> <p>*Sustainable elements include LED lighting, low VOC paints, high R-Value insulation, and water bottle filling stations.*</p> <p>**Annual operating expenses include: One P/T Facility Attendant, one Operations Supervisor, one Recreation Leader, two P/T Recreation Attendants, utilities, maintenance of building and grounds, and purchase of a floor cleaning machine.**</p> <p>***Second tranche of General Obligation Bonds issuance expected in FY 2019/2020, budget amendment will be processed to move funding once issuance is complete.***</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Future Bond Proceeds		15,711,000				\$ 15,711,000
Grant Funds		200,000				\$ 200,000
						\$ -
TOTAL	\$ -	\$ 15,911,000	\$ -	\$ -	\$ -	\$ 15,911,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs		1,111,000				\$ 1,111,000
506510 - Construction		14,800,000				\$ 14,800,000
TOTAL	\$ -	\$ 15,911,000	\$ -	\$ -	\$ -	\$ 15,911,000
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel		116,900	212,700	218,000	223,300	\$ 770,900
Operating		54,000	90,000	94,500	99,000	\$ 337,500
Capital Outlay		8,000				\$ 8,000
TOTAL	\$ -	\$ 178,900	\$ 302,700	\$ 312,500	\$ 322,300	\$ 1,116,400
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 326	1,014,182	836,007	178,175			
Fund 325	8,110	656	7,454			
			-			
TOTAL	\$ 1,022,292	\$ 836,663	\$ 185,629			

VILLAGE BEACH CLUB IMPROVEMENTS

PROJECT NUMBER:	7017GI					
LOCATION:	6967 NW 24th Street					
STATUS:	In Progress - Construction					
DEPARTMENT:	Leisure Services					
PROJECT MANAGER:	Meghan Kaufold					
START DATE:	6/2017					
COMPLETION DATE:	12/2019					
ESTIMATED PROJECT COST:	\$ 608,482					
DESCRIPTION/JUSTIFICATION						
<p>This project will renovate the restrooms facilities, improve hurricane protection to the buildings, replace air conditioning systems in the buildings, replace the plastic fence with steel, replacement of the monument sign, replacement of parking lot lighting with new LED fixtures, replace drinking fountain, and modify the existing landscaping. Security improvements will be included and costs will be determined during design. This work is being split into several phases where design can be performed by in house staff and then bid out to specialty contractors . The remaining work requires design by a consultant and will be bundled as one bid. Work already completed includes: Replacement of doors and windows, fence replacement, and parking lot lighting replacement.</p> <p>*Annual operating expenses include: One (1) Facility Attendant position and utility expenses to operate the new air conditioning equipment*</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating	31,000	32,600	34,200	35,800	37,400	\$ 171,000
Capital Outlay						\$ -
TOTAL	\$ 31,000	\$ 32,600	\$ 34,200	\$ 35,800	\$ 37,400	\$ 171,000
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget		Project-to-Date (PTD) Actuals		Project-to-Date (PTD) Balance	
Fund 326	182,692		11,987		170,705	
Fund 325	425,790		34,915		390,875	
					-	
TOTAL	\$ 608,482		\$ 46,902		\$ 561,580	

WASTEWATER PIPELINE FLOW CAPACITY IMPROVEMENTS

PROJECT NUMBER:	5037PI	
LOCATION:	System	
STATUS:	In Progress - Design	
DEPARTMENT:	Utilities	
PROJECT MANAGER:	Samira Shalan	
START DATE:	10/2015	
COMPLETION DATE:	On Going	
ESTIMATED PROJECT COST:	\$ 22,868,403	

DESCRIPTION/JUSTIFICATION

This project provides several waste water transmission improvements to provide increased level of service, increased capacity, and provide redundancy where necessary in order to improve overall customer service.


FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 465	3,425,000	3,425,000	3,425,000	3,425,000	3,425,000	\$ 17,125,000
						\$ -
						\$ -
TOTAL	\$ 3,425,000	\$ 3,425,000	\$ 3,425,000	\$ 3,425,000	\$ 3,425,000	\$ 17,125,000

PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design	425,000	425,000	425,000	425,000	425,000	\$ 2,125,000
506505 - Const. Othr. Costs	500,000	500,000	500,000	500,000	500,000	\$ 2,500,000
506510 - Construction	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	\$ 12,500,000
TOTAL	\$ 3,425,000	\$ 3,425,000	\$ 3,425,000	\$ 3,425,000	\$ 3,425,000	\$ 17,125,000


ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

HISTORICAL PROJECT-TO-DATE			
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
Fund 402	377,953	213,928	164,025
Fund 465	5,365,450	421,301	4,944,149
			-
TOTAL	\$ 5,743,403	\$ 635,229	\$ 5,108,174


SW 130TH AVENUE FORCEMAIN UPGRADE

PROJECT NUMBER:	503701					
LOCATION:	Various					
STATUS:	In Progress - Design					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Alfredo Montano					
START DATE:	11/2017					
COMPLETION DATE:	5/2022					
ESTIMATED PROJECT COST:	\$ 2,170,000					
DESCRIPTION/JUSTIFICATION						
<p>This project proposes to install approximately 7,200 linear feet of new 8" parallel forcemain line on SW 130th Avenue in Davie from SW 28th Court to SW 11th Place in order to handle new development that is either proposed or is already in construction within this corridor.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 465	2,170,000	-	2,170,000			
			-			
			-			
TOTAL	\$ 2,170,000	\$ -	\$ 2,170,000			

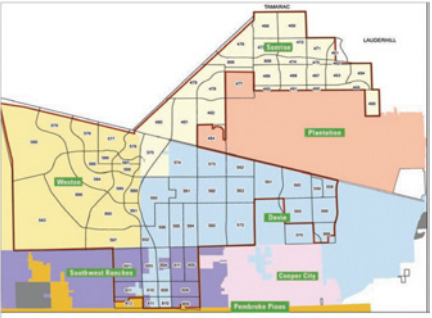
PINE ISLAND ROAD FORCEMAIN REPLACEMENT

PROJECT NUMBER:	503702					
LOCATION:	Pine Island Road					
STATUS:	In Progress - Design					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Luisa Fernanda Arbelaez					
START DATE:	7/2018					
COMPLETION DATE:	5/2022					
ESTIMATED PROJECT COST:	\$ 18,387,722					
DESCRIPTION/JUSTIFICATION						
<p>This project will replace approximately three miles of existing wastewater forcemain piping on Pine Island Road, NW 44th Street, NW 84th Avenue, NW 94th Avenue, and Oakland Park Boulevard. The City's Utility Department requested permission from Broward County to utilize two segments of the 30" and 42" diameter watermain replaced within the recently completed watermain replacement project such that these can serve as sleeves to slip new segments of high density polyethylene (HDPE) into them and thus eliminating much of the required excavation on Pine Island Road. This project will provide the opportunity to move these conveyance conduits out of County right of way (Pine Island Road) and into City rights of ways.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 465	13,378,100					\$ 13,378,100
						\$ -
						\$ -
TOTAL	\$ 13,378,100	\$ -	\$ -	\$ -	\$ -	\$ 13,378,100
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs	1,439,100					\$ 1,439,100
506510 - Construction	11,939,000					\$ 11,939,000
TOTAL	\$ 13,378,100	\$ -	\$ -	\$ -	\$ -	\$ 13,378,100
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 402	505,842	5,842	500,000			
Fund 408	653,780	26,351	627,429			
Fund 465	3,850,000	-	3,850,000			
TOTAL	\$ 5,009,622	\$ 32,193	\$ 4,977,429			

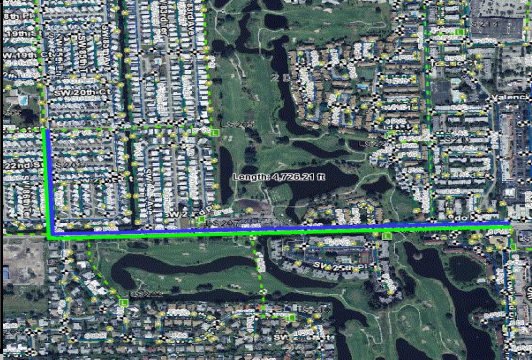
SPRINGTREE INDUSTRIAL INJECTION WELLS FLOW DELIVERY SYSTEM

PROJECT NUMBER:	5037ST					
LOCATION:	4350 Springtree Drive					
STATUS:	In Progress - Construction					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Allan Miller					
START DATE:	8/2013					
COMPLETION DATE:	10/2019					
ESTIMATED PROJECT COST:	\$ 10,448,329					
DESCRIPTION/JUSTIFICATION						
<p>This project supplements project 5036WF with the construction of a new Industrial Injection well, pump, motor and emergency generator set for disposal of treated wastewater and concentrate (waste) stream from the City's new Reverse Osmosis Water Treatment Plant. In order to facilitate construction of the injection wells it is necessary to fill an existing on-site dry retention area. An evaluation of the site drainage system concluded that extensive improvements to the plant's drainage system is needed on-site and off-site. This project also includes the installation of a new 12-inch diameter water main from the plant site north to NW 44th Street and extending east and west to connect with existing water mains near the intersection with Springtree Drive and at Piper High School to improve service reliability, circulation and water quality.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 402	10,448,329	3,702,169	6,746,160			
			-			
			-			
TOTAL	\$ 10,448,329	\$ 3,702,169	\$ 6,746,160			

WASTEWATER SYSTEM I/I IMPROVEMENTS

PROJECT NUMBER:	5043PI					
LOCATION:	System					
STATUS:	In Progress - Design					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Guarionex De Los Santos					
START DATE:	10/2015					
COMPLETION DATE:	Ongoing					
ESTIMATED PROJECT COST:	\$ 9,183,001					
DESCRIPTION/JUSTIFICATION						
<p>This project provides evaluation, repair, replacement and upgrades of wastewater manhole and gravity sewer systems. The project is intended to reduce stormwater from infiltrating and inflowing (I/I) into the wastewater sewer system. The project will reduce or push out required lift station pumping rehabilitation requirements, push out required wastewater treatment plant expansions necessary, reduce effluent disposal costs, and improve the integrity of the City's infrastructure for long term reliable service due to flow reductions.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 465	900,000	900,000	900,000	900,000	900,000	\$ 4,500,000
						\$ -
						\$ -
TOTAL	\$ 900,000	\$ 900,000	\$ 900,000	\$ 900,000	\$ 900,000	\$ 4,500,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design	100,000	100,000	100,000	100,000	100,000	\$ 500,000
506505 - Const. Othr. Costs						\$ -
506510 - Construction	800,000	800,000	800,000	800,000	800,000	\$ 4,000,000
TOTAL	\$ 900,000	\$ 900,000	\$ 900,000	\$ 900,000	\$ 900,000	\$ 4,500,000
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 402	1,983,001	1,830,984	152,017			
Fund 465	2,700,000	1,167,734	1,532,266			
			-			
TOTAL	\$ 4,683,001	\$ 2,998,718	\$ 1,684,283			

NOVA DRIVE WATERMAIN AND FORCEMAIN REPLACEMENT

PROJECT NUMBER:	5048PI	
LOCATION:	System	
STATUS:	Completed	
DEPARTMENT:	Utilities	
PROJECT MANAGER:	Guarionex De Los Santos	
START DATE:	6/2014	
COMPLETION DATE:	10/2019	
ESTIMATED PROJECT COST:	\$ 3,236,708	

DESCRIPTION/JUSTIFICATION

This project provides replacement of a 10-inch asbestos cement forcemain and a 12-inch asbestos cement watermain. Replacement will commence at University Drive and heading west along S.W. 24th Street to S.W. 86th Avenue and north to about S.W. 20 Street. Both mains have outlived their useful life. The forcemain has been repaired several times. There is documented erosion of piping walls due to hydrogen sulfide gases which react with available oxygen to form sulfuric acid inside the piping. This project is required to reduce potential for sewage spills and watermain breaks.

FUNDING SOURCES

FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

PROJECT COMPONENTS

506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

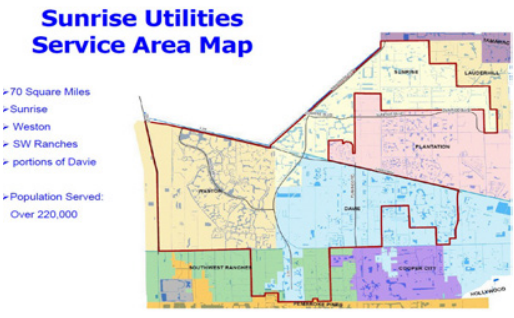
ESTIMATED ANNUAL OPERATING IMPACT

Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

HISTORICAL PROJECT-TO-DATE

FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
Fund 402	3,050,679	2,491,926	558,753
Fund 408	186,029	186,029	-
			-
TOTAL	\$ 3,236,708	\$ 2,677,955	\$ 558,753

SYSTEMWIDE LIFT STATION IMPROVEMENTS

PROJECT NUMBER:	5056LS	
LOCATION:	System	
STATUS:	In Progress - Design	
DEPARTMENT:	Utilities	
PROJECT MANAGER:	Gregg Bagnall	
START DATE:	10/2013	
COMPLETION DATE:	Ongoing	
ESTIMATED PROJECT COST:	\$ 28,751,526	

DESCRIPTION/JUSTIFICATION

The City owns and operates 214 lift stations. Many of these lift stations have degraded operational efficiency, served beyond useful life, and are becoming more difficult to maintain because replacement parts for older equipment are difficult to purchase. This project provides lift station rehabilitation or replacements for lift stations that, due to their configuration, age or degree of deterioration, cannot meet performance objectives. In addition, there are risks for overflows/spills, which would result in notices of violation and fines from regulatory agencies. These improvements will include replacement of pumps, motors, electrical systems and restoration of the sewage receiving wet wells, as necessary, to restore reliable service.


FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 465	3,976,000	3,976,000	3,976,000	3,976,000	3,976,000	\$ 19,880,000
						\$ -
						\$ -
TOTAL	\$ 3,976,000	\$ 3,976,000	\$ 3,976,000	\$ 3,976,000	\$ 3,976,000	\$ 19,880,000

PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design	476,000	476,000	476,000	476,000	476,000	\$ 2,380,000
506505 - Const. Othr. Costs	420,000	420,000	420,000	420,000	420,000	\$ 2,100,000
506510 - Construction	3,080,000	3,080,000	3,080,000	3,080,000	3,080,000	\$ 15,400,000
TOTAL	\$ 3,976,000	\$ 3,976,000	\$ 3,976,000	\$ 3,976,000	\$ 3,976,000	\$ 19,880,000


ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

HISTORICAL PROJECT-TO-DATE			
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
Fund 402	5,053,114	1,309,273	3,743,841
Fund 408	148,612	148,612	-
Fund 465	3,669,800	326,907	3,342,893
TOTAL	\$ 8,871,526	\$ 1,784,792	\$ 7,086,734


LIFT STATIONS 117 & 307 REHABILITATION

PROJECT NUMBER:	505601					
LOCATION:	Various					
STATUS:	In Progress - Construction					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Gregg Bagnall					
START DATE:	12/2016					
COMPLETION DATE:	12/2019					
ESTIMATED PROJECT COST:	\$ 1,762,916					
DESCRIPTION/JUSTIFICATION						
<p>This project proposes to rehabilitate lift stations 117 and 307. As part of the City's ongoing maintenance of its infrastructure, it is necessary to upgrade aging systems in order to improve system wide reliability to our customers.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 408	391,098	-	391,098			
Fund 465	1,371,818	30,310	1,341,508			
			-			
TOTAL	\$ 1,762,916	\$ 30,310	\$ 1,732,606			


LIFT STATIONS 128 & 210 REHABILITATION

PROJECT NUMBER:	505602					
LOCATION:	Various					
STATUS:	In Progress - Design					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Gregg Bagnall					
START DATE:	3/2018					
COMPLETION DATE:	12/2020					
ESTIMATED PROJECT COST:	\$ 2,338,307					
DESCRIPTION/JUSTIFICATION						
<p>This project proposes to rehabilitate lift stations 128, and 210. As part of the City's ongoing maintenance of its infrastructure, it is necessary to upgrade aging systems in order to improve system wide reliability to our customers. Lift Station 122 was originally included in this project; however, it was removed and a new CIP was created as investigation by the design consultant revealed that new codes required that all other lift stations feeding into Lift Station 122 needed to be evaluated and upgraded.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
	-					\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 465	2,338,307	92,506	2,245,801			
			-			
			-			
TOTAL	\$ 2,338,307	\$ 92,506	\$ 2,245,801			


LIFT STATION 4 REHABILITATION

PROJECT NUMBER:	505603					
LOCATION:	Various					
STATUS:	In Progress - Design					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Ted Petrides					
START DATE:	3/2019					
COMPLETION DATE:	12/2020					
ESTIMATED PROJECT COST:	\$ 915,500					
DESCRIPTION/JUSTIFICATION						
<p>This project proposes to rehabilitate lift station 4, which is located within the Sawgrass Wastewater Treatment Plant. As part of the City's ongoing maintenance of its infrastructure, it is necessary to upgrade aging systems in order to improve system wide reliability to our customers.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 402	915,500	89,947	825,553			
			-			
			-			
TOTAL	\$ 915,500	\$ 89,947	\$ 825,553			

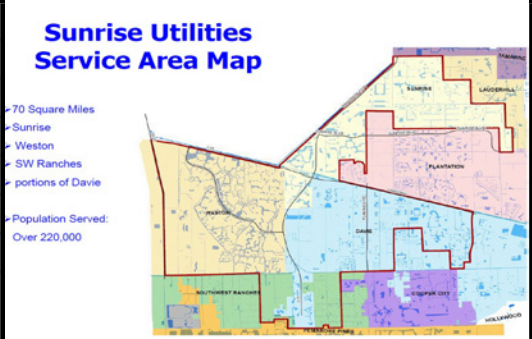
LIFT STATION 309 REHABILITATION

PROJECT NUMBER:	505604					
LOCATION:	Various					
STATUS:	In Progress - Design					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Alfredo Montano					
START DATE:	4/2019					
COMPLETION DATE:	10/2021					
ESTIMATED PROJECT COST:	\$ 897,700					
DESCRIPTION/JUSTIFICATION						
<p>This project proposes to rehabilitate lift station 309. As part of the City's ongoing maintenance of its infrastructure, it is necessary to upgrade aging systems in order to improve system wide reliability to our customers.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget		Project-to-Date (PTD) Actuals		Project-to-Date (PTD) Balance	
Fund 465	897,700		-		897,700	
					-	
					-	
TOTAL	\$ 897,700		\$ -		\$ 897,700	

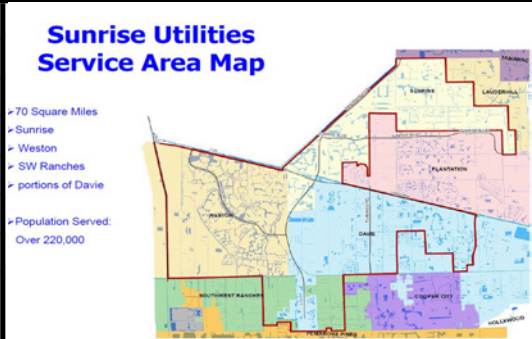
LIFT STATION 122 BASIN IMPROVEMENTS

PROJECT NUMBER:	505605					
LOCATION:	Various					
STATUS:	In Progress - Design					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Gregg Bagnall					
START DATE:	6/2019					
COMPLETION DATE:	10/2021					
ESTIMATED PROJECT COST:	\$ 17,650,000					
DESCRIPTION/JUSTIFICATION						
<p>This project proposes to rehabilitate lift station 122, as well as, refurbishment of lift stations 119, 120, and 156 that convey sewage to lift station 122. All of these lift stations are part of the same basin and ultimately discharge to the same forcemain at lift station 122. The project also includes replacement of approximately 4,000 linear feet of asbestos cement pipe forcemain associated with these four lift stations. As part of the asbestos cement pipe forcemain replacement, the pipe sizing will be analyzed and potential upgraded in an effort to relieve the forcemain serving lift station 122. It is anticipated that the forcemain modifications will eliminate the requirement of a generator addition to LS 122, which would be required under current Florida Statutes by virtue of the threshold of conveyance to other stations. As part of the City's ongoing maintenance of its infrastructure, it is necessary to upgrade aging systems in order to improve system wide reliability to our customers.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 465	16,250,000					\$ 16,250,000
						\$ -
						\$ -
TOTAL	\$ 16,250,000	\$ -	\$ -	\$ -	\$ -	\$ 16,250,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs	1,950,000					\$ 1,950,000
506510 - Construction	14,300,000					\$ 14,300,000
TOTAL	\$ 16,250,000	\$ -	\$ -	\$ -	\$ -	\$ 16,250,000
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 465	1,400,000		1,400,000			
			-			
			-			
TOTAL	\$ 1,400,000	\$ -	\$ 1,400,000			

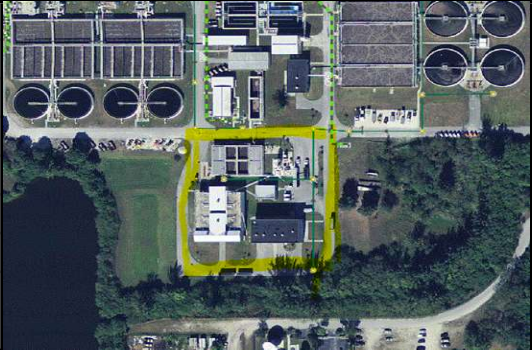
WATER SYSTEM IMPROVEMENT PROJECTS

PROJECT NUMBER:	5072PI					
LOCATION:	System					
STATUS:	In Progress - Design					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Samira Shalan					
START DATE:	1/2015					
COMPLETION DATE:	Ongoing					
ESTIMATED PROJECT COST:	\$ 20,602,121					
DESCRIPTION/JUSTIFICATION						
<p>This project provides several water transmission system improvements to provide redundancy, reduce water age, and improve fire service based on recommendations in the Water Modeling report.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 465	3,250,000	3,250,000	3,250,000	3,250,000	3,250,000	\$ 16,250,000
						\$ -
						\$ -
TOTAL	\$ 3,250,000	\$ 3,250,000	\$ 3,250,000	\$ 3,250,000	\$ 3,250,000	\$ 16,250,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design	375,000	375,000	375,000	375,000	375,000	\$ 1,875,000
506505 - Const. Othr. Costs	375,000	375,000	375,000	375,000	375,000	\$ 1,875,000
506510 - Construction	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	\$ 12,500,000
TOTAL	\$ 3,250,000	\$ 3,250,000	\$ 3,250,000	\$ 3,250,000	\$ 3,250,000	\$ 16,250,000
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 402	195,691	45,689	150,002			
Fund 465	4,156,430	14,100	4,142,330			
			-			
TOTAL	\$ 4,352,121	\$ 59,789	\$ 4,292,332			


WATER SYSTEM IMPROVEMENTS - PHASE 1

PROJECT NUMBER:	507201					
LOCATION:	Various					
STATUS:	In Progress - Design					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Earl Prizlee					
START DATE:	4/2018					
COMPLETION DATE:	6/2021					
ESTIMATED PROJECT COST:	\$ 1,315,451					
DESCRIPTION/JUSTIFICATION						
<p>This project proposes to improve water system quality at three locations. The first is on Dykes Road in the Town of Davie, the second is at Sunrise on the Green Condominiums just north of Springtree Drive on University Drive, and the third is a parallel line on Flamingo Road near Frontage Road in Davie.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 402	70,000	-	70,000			
Fund 465	1,245,451	15,450	1,230,001			
			-			
TOTAL	\$ 1,315,451	\$ 15,450	\$ 1,300,001			


SAWGRASS WWTP BIOSOLIDS STABILIZATION

PROJECT NUMBER:	5073SG					
LOCATION:	14150 NW 8th Street					
STATUS:	New Project					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Guarionex De Los Santos					
START DATE:	2/2021					
COMPLETION DATE:	10/2024					
ESTIMATED PROJECT COST:	\$ 9,900,000					
DESCRIPTION/JUSTIFICATION						
<p>Sawgrass biosolids processes currently include dissolved air floatation (thickening) and odor control. A digestion process called Autothermal Thermophilic Aerobic Digestion (ATAD) was installed at this site in the late 1990s. This process had so many complications that the City reduced its use, treating only about 25% of the sludge by the early 2000s due to excessive odors and operational complications. This process was finally shut down completely in 2010. The dissolved air floatation and odor control systems function reasonably well at present, but these processes are now reaching the end of their useful life and require replacement. This project will assess and provide recommendations and design for demolition of the dissolved air floatation and odor control systems and replacement with a sludge stabilization process that produces wastewater biosolids classified as B, A or AA which can be land applied in conformance with the Florida Administrative Code 62-640.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 465		-	900,000	9,000,000		\$ 9,900,000
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ 900,000	\$ 9,000,000	\$ -	\$ 9,900,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs			900,000			\$ 900,000
506510 - Construction				9,000,000		\$ 9,000,000
TOTAL	\$ -	\$ -	\$ 900,000	\$ 9,000,000	\$ -	\$ 9,900,000
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
						-
						-
						-
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	-

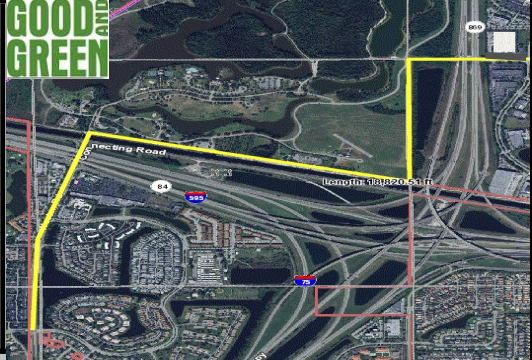
SOUTHWEST WTP IMPROVEMENTS

PROJECT NUMBER:	5083SW					
LOCATION:	15400 Watermill Road					
STATUS:	In Progress - Construction					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Gregg Bagnall					
START DATE:	10/2015					
COMPLETION DATE:	10/2019					
ESTIMATED PROJECT COST:	\$ 12,868,799					
DESCRIPTION/JUSTIFICATION						
<p>The Southwest Water Treatment Plant (WTP) was constructed in the early 1980s. This is a lime softening plant and several of the processes at this facility are deteriorated due to age and corrosion and require rehabilitation or replacement, including the softener (impeller, drives and structural steel), filters (transfer and backwash pumps and motors, piping, valves, and under-drain system), chlorination system, auxiliary and primary electrical systems and high service pumps and motors.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget		Project-to-Date (PTD) Actuals		Project-to-Date (PTD) Balance	
Fund 402	4,126,513		3,725,283		401,230	
Fund 408	180,286		180,286		-	
Fund 465	8,562,000		7,569,934		992,066	
TOTAL	\$ 12,868,799		\$ 11,475,503		\$ 1,393,296	

SOUTHWEST WTP IMPROVEMENTS - ION EXCHANGE

PROJECT NUMBER:	5084SW					
LOCATION:	15400 Watermill Road					
STATUS:	In Progress - Construction					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Gregg Bagnall					
START DATE:	10/2015					
COMPLETION DATE:	10/2019					
ESTIMATED PROJECT COST:	\$ 5,706,344					
DESCRIPTION/JUSTIFICATION						
<p>The Southwest Water Treatment Plant (WTP) is challenged to comply with Florida Administrative Code (FAC) 62-550, specifically with contaminants including disinfection by-products (DBPs), and color (organic matter), which impacts the public perception of water quality, and it compromises the City's capabilities for regulatory compliance. An Ion Exchange process is necessary in order to resolve these complications. In addition, due to deterioration and age of processes, this project will include a raw water well replacement, a new lime silo, and new generator.</p> <p>*Annual operating expenss include: electricity usage and salt costs.*</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating	14,000	14,000	14,000	14,000	14,000	\$ 70,000
Capital Outlay						\$ -
TOTAL	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 70,000
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 465	5,706,344	2,009,914	3,696,430			
			-			
			-			
TOTAL	\$ 5,706,344	\$ 2,009,914	\$ 3,696,430			

REUSE DISTRIBUTION SYSTEM - SICP & MARKHAM PARK (PHASE III)

PROJECT NUMBER:	5095PI	
LOCATION:	System	
STATUS:	In Progress - Design	
DEPARTMENT:	Utilities	
PROJECT MANAGER:	Guarionex De Los Santos	
START DATE:	5/2020	
COMPLETION DATE:	9/2023	
ESTIMATED PROJECT COST:	\$ 10,355,896	

DESCRIPTION/JUSTIFICATION

This project proposes the installation of approximately 15,000 linear feet of new reuse distribution system to Markham Park and beyond to Weston. The City of Sunrise began planning for irrigational reuse in 2010. This project provides 2 MGD distribution to reuse customers from the Sawgrass Treatment Facility. The City's initial modeling demonstrated about 96% offset credit could be received from reuse in this area. With passage of Senate Bill 444, utilities discharging treated wastewater through ocean outfalls will be required to reuse 60% of these flows by 2025. This legislation provides an opportunity for a utility to contract with another for implementation of reuse in that other utility's service area and qualify for the associated reuse credits by virtue of the investment. Reuse is strongly encouraged by the regulatory agencies (SFWMD and the FDEP) as an alternate water source. This project is on hold until the completion of Phases 1 and 2.

Sustainable elements include providing reuse water more available to customers for irrigation.

FUNDING SOURCES

FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 465			-	200,000	9,660,000	\$ 9,860,000
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ 200,000	\$ 9,660,000	\$ 9,860,000

PROJECT COMPONENTS

506100 - Land Purchase						\$ -
506502 - Const. Design				200,000		\$ 200,000
506505 - Const. Othr. Costs					1,260,000	\$ 1,260,000
506510 - Construction					8,400,000	\$ 8,400,000
TOTAL	\$ -	\$ -	\$ -	\$ 200,000	\$ 9,660,000	\$ 9,860,000


ESTIMATED ANNUAL OPERATING IMPACT

Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -


HISTORICAL PROJECT-TO-DATE

FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
Fund 465	495,896	204,947	290,949
			-
			-
TOTAL	\$ 495,896	\$ 204,947	\$ 290,949


REUSE DISTRIBUTION SYS-SICP, SAWGRASS MILLS & ARTESIA (PHASE II)

PROJECT NUMBER:	5096PI					
LOCATION:	System					
STATUS:	In Progress - Design					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Guarionex De Los Santos					
START DATE:	4/2016					
COMPLETION DATE:	10/2020					
ESTIMATED PROJECT COST:	\$ 13,400,821					
DESCRIPTION/JUSTIFICATION						
<p>The project proposes installation of a new reuse distribution system within portions of the Sawgrass International Corporate Park north to Artesia and through Sawgrass Mills. The work will be designed in two segments. The first segment will extend through the Corporate Park from IKEA to Sunrise Boulevard. The second segment will extend service to the Sawgrass Mills mall, BB&T Center, and Artesia. The project provides 0.5 MGD distribution to reuse customers from the Sawgrass Treatment Facility. The City's initial modeling demonstrated 96% offset credit could be received from reuse in this area. The law requires utilities discharging treated wastewater through ocean outfalls to reuse 60% of flows by 2025 and provides an opportunity for a utility to contract with another for reuse implementation in that City's service area and qualify for the associated reuse credits by virtue of the investment. This project extends distribution piping from the new HLD Reuse Facility to serve more than what is conditioned in the City's operating permits. Reuse is strongly encouraged by regulatory agencies (SFWMD and the FDEP) as an alternate water source.</p> <p>*Sustainable elements include providing reuse water more available to customers for irrigation.*</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 465	13,229,149	1,140,026	12,089,123			
Fund 408	171,672	-	171,672			
			-			
TOTAL	\$ 13,400,821	\$ 1,140,026	\$ 12,260,795			

SGF-1 AQUIFER STORAGE AND RECOVERY CONVERSION

PROJECT NUMBER:	5098RW					
LOCATION:	Sawgrass Corporate Park					
STATUS:	In Progress - Construction					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Guarionex De Los Santos					
START DATE:	7/2016					
COMPLETION DATE:	9/2024					
ESTIMATED PROJECT COST:	\$ 6,207,016					
DESCRIPTION/JUSTIFICATION						
<p>The City is currently utilizing about 27 MGD of the 29 MGD Biscayne aquifer allocation in its water use permit. This project proposes the installation of a new raw water supply main from the recently constructed Sawgrass Floridan (SGF) Test Well No. 1, and well head assembly including electrical instrumentation and controls for development as an aquifer storage and recovery (ASR) well. This ASR well would provide capability to store in the Floridan aquifer unused Biscayne aquifer allocation, and recovery for treatment of this water with the City's existing Sawgrass Water Treatment Plant. This raw water ASR well system is proposed since the existing Floridan test wells demonstrated marginal water yield and quality during aquifer performance testing, although the geologic strata appears to show reasonable promise for raw water ASR development. The ASR well will have a capacity of 3 MGD.</p> <p>*Annual operating expenses include: electricity, laboratory testing, maintenance, and engineering costs.*</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating			95,000	173,000	173,000	\$ 441,000
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ 95,000	\$ 173,000	\$ 173,000	\$ 441,000
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget		Project-to-Date (PTD) Actuals		Project-to-Date (PTD) Balance	
Fund 465	6,207,016		738,763		5,468,253	
					-	
					-	
TOTAL	\$ 6,207,016		\$ 738,763		\$ 5,468,253	

SPRINGTREE WASTEWATER HEADWORKS IMPROVEMENTS

PROJECT NUMBER:	5114ST					
LOCATION:	4350 Springtree Drive					
STATUS:	In Progress - Design					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Gregg Bagnall					
START DATE:	5/2016					
COMPLETION DATE:	9/2021					
ESTIMATED PROJECT COST:	\$ 14,845,037					
DESCRIPTION/JUSTIFICATION						
<p>This project includes improvements to the Springtree wastewater treatment plant (WWTP) headworks consisting of grit removal, odor control and screening facilities. This project is intended to replace the existing grit and screening equipment that has served beyond its expected useful life, and to provide improved level of service in odor control.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 465	14,845,037	923,530	13,921,507			
			-			
			-			
TOTAL	\$ 14,845,037	\$ 923,530	\$ 13,921,507			

SAWGRASS WTP ION EXCHANGE

PROJECT NUMBER:	5120SG
LOCATION:	Sawgrass 14150 NW 8th Street
STATUS:	In Progress - Construction
DEPARTMENT:	Utilities
PROJECT MANAGER:	Gregg Bagnall
START DATE:	12/2016
COMPLETION DATE:	10/2019
ESTIMATED PROJECT COST:	\$ 9,967,556



DESCRIPTION/JUSTIFICATION

This project proposes the addition of Ion Exchange as part of the water treatment process at the Sawgrass Water Treatment Plant. The Ion Exchange (IX) treatment process provides treatment for dissolved iron and organic carbon removal. The system will have an initial capacity of 3 MGD which can be expanded to 6 MGD in the future. Also included in the project is the installation of a cleaning system for the existing degasifiers. This system is necessary due to the fact that over time the degasifier packing accumulates deposits such as iron, carbonate scale, and bacteria. The cleaning system will allow operators to clean the packing in each of the four degasifiers. The degasifier cleaning system consists of a chemical tank, a chemical pump, piping, valves, and ancillary items. Minor modifications to the degasifiers will be necessary to facilitate the introduction and removal of the cleaning solution. The IX system will improve treated water quality with improved alkalinity, improved hardness, and reduced iron concentration to minimize staining and metallic taste.

Annual operating expenses include electricity and salt usage. Future savings to be realized from the reduction in use of sulfuric acid and sodium hydroxide.

FUNDING SOURCES

FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

PROJECT COMPONENTS

506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -


ESTIMATED ANNUAL OPERATING IMPACT

Personnel						\$ -
Operating	48,000	48,000	48,000	48,000	48,000	\$ 240,000
Capital Outlay						\$ -
TOTAL	\$ 48,000	\$ 48,000	\$ 48,000	\$ 48,000	\$ 48,000	\$ 240,000


HISTORICAL PROJECT-TO-DATE

FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
Fund 465	9,967,556	6,049,784	3,917,772
			-
			-
TOTAL	\$ 9,967,556	\$ 6,049,784	\$ 3,917,772


SPRINGTREE WWTP STORAGE & EQUIPMENT BUILDING

PROJECT NUMBER:	5122ST					
LOCATION:	4350 Springtree Drive					
STATUS:	In Progress - Design					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Luisa Fernanda Arbelaez					
START DATE:	4/2018					
COMPLETION DATE:	4/2021					
ESTIMATED PROJECT COST:	\$ 3,020,004					
DESCRIPTION/JUSTIFICATION						
<p>The City previously replaced High Service Pump (HSP) Station "A" at Springtree WTP, with exterior slab mounted pumps, however, the existing maintenance building has aged to its useful life and requires replacement. This project provides for replacement of the maintenance building and additional storage lost from the demolition of HSP Station "A" building. The new building will be approximately 6,000 square feet. It will be located on the adjacent parcel that the City Purchased in 2016. The site will be cleared of all remaining foundations and structures and will be enclosed with a wall to match the existing wall around the plant.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 465	3,020,004	34,342	2,985,662			
			-			
			-			
TOTAL	\$ 3,020,004	\$ 34,342	\$ 2,985,662			


SAWGRASS WTP & SPRINGTREE WTP SECURITY IMPROVEMENTS

PROJECT NUMBER:	5123SY					
LOCATION:	Sawgrass WTP and Springtree WTP					
STATUS:	In Progress - Design					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Earl Prizlee					
START DATE:	10/2019					
COMPLETION DATE:	9/2022					
ESTIMATED PROJECT COST:	\$ 1,050,000					
DESCRIPTION/JUSTIFICATION						
<p>This project will install fixed security cameras throughout the Springtree and Sawgrass Water Treatment Plants. The first phase of security improvements installed walls and fences with card access gates and improved lighting at both facilities. The second phase of security improvements is to install guard houses at the main entrance of each facility. During the first phase, the lighting was installed with conduit for future security cameras. That conduit will now be utilized for the network based camera system. The images will be captured to DVR's located on site, but the images will be accessible from any point on the City's network given the proper security access credentials.</p> <p>*Annual operating expenses include: maintenance and licensing services for equipment.*</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating	20,000	20,000	20,000	20,000	20,000	\$ 100,000
Capital Outlay						\$ -
TOTAL	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 100,000
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget		Project-to-Date (PTD) Actuals		Project-to-Date (PTD) Balance	
Fund 465	1,050,000		-		1,050,000	
					-	
					-	
TOTAL	\$ 1,050,000		\$ -		\$ 1,050,000	

SAWGRASS WWTP TRAIN A SECONDARY TREATMENT

PROJECT NUMBER:	5124SG					
LOCATION:	11450 NW 8th Street					
STATUS:	In Progress - Design					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Guarionex De Los Santos					
START DATE:	4/2018					
COMPLETION DATE:	12/2021					
ESTIMATED PROJECT COST:	\$ 20,946,308					
DESCRIPTION/JUSTIFICATION						
<p>The Sawgrass Wastewater Treatment Plant (WWTP) is a conventional activated sludge treatment facility which is divided into two parallel/separate secondary treatment systems comprised of a two train systems, referred to as Train A (old) and Train B (new). Train A was originally constructed in two phases and completed circa 1987 & 1989, respectively. The multi-stage centrifugal blowers and the electrical equipment for the original Train A treatment system are reaching the end of their useful life. This equipment is housed in Blower Building 1, which is a pre-engineered metal building constructed in 1987 that clearly shows signs of deterioration and age. The purpose of this design project is to replace the equipment located in Blower Building 1 by constructing a new building adjacent to the existing Blower Building 1, and demolishing the existing building once the new process and electrical services have been made operational. The replacement of the Train A aeration process equipment also allows modifications to the Train A Aeration Basins to be made. These modifications will eliminate the existing Surge Tanks, by incorporating them into the aeration basins, as well as the large Dosing Pumps, which have also reached the end of their useful lives.</p> <p>*Annual operating expenses include: a decrease in electricity usage.*</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating		(31,000)	(62,000)	(62,000)	(62,000)	\$ (217,000)
Capital Outlay						\$ -
TOTAL	\$ -	\$ (31,000)	\$ (62,000)	\$ (62,000)	\$ (62,000)	\$ (217,000)
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 465	20,946,308	308,989	20,637,319			
			-			
			-			
TOTAL	\$ 20,946,308	\$ 308,989	\$ 20,637,319			

SOUTHWEST WTP WELL REPLACEMENT

PROJECT NUMBER:	5125SW	
LOCATION:	15400 Slydgemill Road	
STATUS:	In Progress - Construction	
DEPARTMENT:	Utilities	
PROJECT MANAGER:	Gregg Bagnall	
START DATE:	1/2018	
COMPLETION DATE:	10/2019	
ESTIMATED PROJECT COST:	\$ 3,731,764	

DESCRIPTION/JUSTIFICATION
<p>This project will replace wells 1 and 3 that have been in production for 30 plus years and are nearing the end of their useful life. New wells will be drilled and new wellheads will be constructed for delivery of the raw water from the wells to the treatment facility. All electrical components and piping associated with the new wellheads is included in the work.</p>

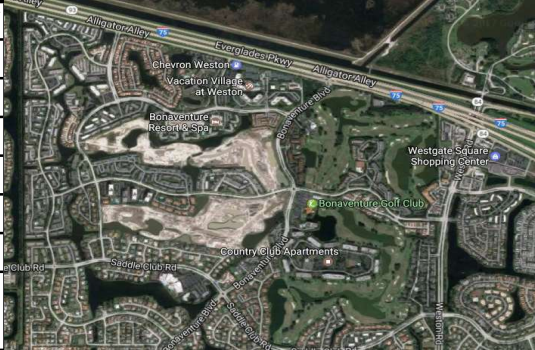
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

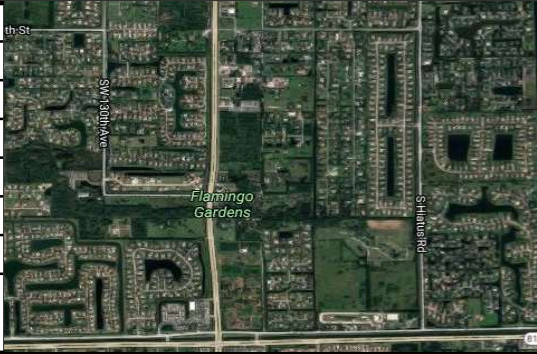
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

HISTORICAL PROJECT-TO-DATE			
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
Fund 465	3,731,764	182,396	3,549,368
			-
			-
TOTAL	\$ 3,731,764	\$ 182,396	\$ 3,549,368


BONAVENTURE SERVICE LINE REPLACEMENTS

PROJECT NUMBER:	5126SY					
LOCATION:	System					
STATUS:	In Progress - Design					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Guarionex De Los Santos					
START DATE:	1/2018					
COMPLETION DATE:	3/2021					
ESTIMATED PROJECT COST:	\$ 5,469,471					
DESCRIPTION/JUSTIFICATION						
<p>The City owns and maintains approximately 600 miles of water mains throughout the service area. In addition to the mains, the system includes service lines to each water service customer. Some of these service lines are older galvanized service lines from main to meters. Due to age and condition, these service lines need to be replaced. This project requires the replacement of approximately 500 - 50' (average) service lines as well as several 4" and 2" galvanized dead-end lines throughout the Bonaventure community.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
					-	\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 465	5,469,471	9,470	5,460,001			
			-			
			-			
TOTAL	\$ 5,469,471	\$ 9,470	\$ 5,460,001			


SW 121st AVENUE WATERMAIN REPLACEMENT

PROJECT NUMBER:	5127PI					
LOCATION:	System					
STATUS:	In Progress - Design					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Earl Prizlee					
START DATE:	1/2018					
COMPLETION DATE:	12/2021					
ESTIMATED PROJECT COST:	\$ 5,708,223					
DESCRIPTION/JUSTIFICATION						
<p>This project requires the replacement of a 12" asbestos cement pipe which is located along SW 121st Avenue from SR84 to SW 36th Court (approximately 15,000 LF). In addition to line replacement, this project will include a canal crossing, service replacement and reconnections, and providing the proper easements for access.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
					-	\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 465	5,708,223	79,512	5,628,711			
			-			
			-			
TOTAL	\$ 5,708,223	\$ 79,512	\$ 5,628,711			


SAWGRASS FUEL STATION REHABILITATION

PROJECT NUMBER:	5128SG					
LOCATION:	14150 NW 8th Street					
STATUS:	In Progress - Design					
DEPARTMENT:	Fleet Services					
PROJECT MANAGER:	Earl Prizlee					
START DATE:	4/2018					
COMPLETION DATE:	9/2021					
ESTIMATED PROJECT COST:	\$ 1,170,464					
DESCRIPTION/JUSTIFICATION						
<p>This project will remove the existing underground unleaded and diesel fuel tanks, filling station and adjacent appurtenances. The new station will include installation of new above ground unleaded and diesel fuel tanks, fuel pumps and asphalt to provide proper circulation for fuel delivery trucks and City vehicles.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 465	\$ 300,000					\$ 300,000
						\$ -
						\$ -
TOTAL	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs	300,000					\$ 300,000
506510 - Construction						\$ -
TOTAL	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 465	870,464	13,063	857,401			
			-			
			-			
TOTAL	\$ 870,464	\$ 13,063	\$ 857,401			


SPRINGTREE ION EXCHANGE PROCESS

PROJECT NUMBER:	5129ST					
LOCATION:	4350 Springtree Drive					
STATUS:	In Progress - Design					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Guarionex De Los Santos					
START DATE:	7/2018					
COMPLETION DATE:	10/2021					
ESTIMATED PROJECT COST:	\$ 12,510,000					
DESCRIPTION/JUSTIFICATION						
<p>The majority of the production capacity at the Springtree WTP is a Lime Softening process (24 of 25.5 MGD), and the Biscayne aquifer groundwater source for this process contains significant organic matter available to react with free chlorine during the disinfection process which forms disinfection by-products (DBPs) called tri-halomethanes (THMs) and halo-acetic acids (HAAs), known carcinogens and regulated by the U.S. EPA/FDEP as primary contaminants to be controlled under 80 mg/l and 60 mg/l, respectively. The City injects ammonia in the disinfection process (after filtration) forming chloramines in order to maintain compliance with the DBP Rule, although this process is difficult to regulate continuously due to fluctuations in flow and corresponding chemical demands and can provide a food source for nitrifying bacteria in the distribution system, further complicating the City's capability to maintain regulatory compliance for adequate chlorine residual to the customer's faucets. This project provides an ion exchange process to substantially remove the organic matter in the lime softening process, reducing DBP formation potential and reducing required amount of ammonia. There is a total of 12 MGD of Ion exchange being proposed under this project. *Annual operating expenses include: electricity and salt usage. Future savings to be realized from the reduction in use of sulfuric acid and sodium hydroxide.*</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating	24,000	48,000	48,000	48,000	48,000	\$ 216,000
Capital Outlay						\$ -
TOTAL	\$ 24,000	\$ 48,000	\$ 48,000	\$ 48,000	\$ 48,000	\$ 216,000
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget		Project-to-Date (PTD) Actuals		Project-to-Date (PTD) Balance	
Fund 465	12,510,000		6,742		12,503,258	
					-	
					-	
TOTAL	\$ 12,510,000		\$ 6,742		\$ 12,503,258	


SHOTGUN ROAD FORCEMAIN IMPROVEMENT

PROJECT NUMBER:	5130PI					
LOCATION:	Various					
STATUS:	In Progress - Design					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Luisa Fernanda Arbelaez					
START DATE:	11/2018					
COMPLETION DATE:	10/2022					
ESTIMATED PROJECT COST:	\$ 2,939,044					
DESCRIPTION/JUSTIFICATION						
<p>This project proposes to install approximately 10,050 linear feet of new 12" parallel force main line on Shotgun Road between SW 35th Street and SW 14th Street. This project is based on hydraulic modeling recommendations.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 402	2,939,044	9,044	2,930,000			
			-			
			-			
TOTAL	\$ 2,939,044	\$ 9,044	\$ 2,930,000			


SUNRISE GOLF VILLAGE INFRASTRUCTURE IMPROVEMENTS

PROJECT NUMBER:	5131SY					
LOCATION:	Various					
STATUS:	In Progress - Design					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Luisa Fernanda Arbelaez					
START DATE:	2/2019					
COMPLETION DATE:	5/2022					
ESTIMATED PROJECT COST:	\$ 18,732,679					
DESCRIPTION/JUSTIFICATION						
<p>There are approximately 56,235 linear feet of watermains located between NW 29th Street on the north and south to NW 20th Court and University Drive on the east and Pine Island Road on the west that were constructed prior to 1992. This water system partially consists of asbestos concrete (AC) piping. This project replaces the older AC pipe, and interconnects with new ductile iron pipe located in the public right-of-way. This project will improve water quality, service reliability, and fire service protection. Work will include milling and resurfacing of all roadways within this service area (Zone 13). Work will also include drainage improvements within this area.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 465	16,702,000					\$ 16,702,000
Fund 444	75,000					\$ 75,000
						\$ -
TOTAL	\$ 16,777,000	\$ -	\$ -	\$ -	\$ -	\$ 16,777,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs	1,577,000					\$ 1,577,000
506510 - Construction	15,200,000					\$ 15,200,000
TOTAL	\$ 16,777,000	\$ -	\$ -	\$ -	\$ -	\$ 16,777,000
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 444	75,000	-	75,000			
Fund 465	1,880,679	2,679	1,878,000			
			-			
TOTAL	\$ 1,955,679	\$ 2,679	\$ 1,953,000			


LANDSCAPING & IRRIGATION IMPROVEMENTS AT TREATMENT PLANTS

PROJECT NUMBER:	5132SY					
LOCATION:	Various					
STATUS:	New Project					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Dave Abderhalden					
START DATE:	2/2019					
COMPLETION DATE:	6/2021					
ESTIMATED PROJECT COST:	\$ 592,500					
DESCRIPTION/JUSTIFICATION						
<p>Sawgrass and Springtree Water/Wastewater Treatment Plant Landscaping Improvements – In the 2010 Bond Program several projects were designed for rehabilitation of treatment processes for regulatory or renewal purposes, and much of the landscaping which had been designed in previous projects over the last several decades have died or may have been removed to make room for additions (as well as applicable irrigation system portions). This project includes analyzing those approved plans which the City has on file to replace with sufficient landscaping and install a reclaimed water irrigation system from the City's new reuse treatment process.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 465	540,000					\$ 540,000
						\$ -
						\$ -
TOTAL	\$ 540,000	\$ -	\$ -	\$ -	\$ -	\$ 540,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs	45,000					\$ 45,000
506510 - Construction	495,000					\$ 495,000
TOTAL	\$ 540,000	\$ -	\$ -	\$ -	\$ -	\$ 540,000
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 465	52,500	-	52,500			
			-			
			-			
TOTAL	\$ 52,500	\$ -	\$ 52,500			


SAWGRASS WTP FACILITIES MAINTENANCE BUILDING

PROJECT NUMBER:	5133SG					
LOCATION:	14150 NW 8th Street					
STATUS:	In Progress - Design					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Earl Prizlee					
START DATE:	1/2019					
COMPLETION DATE:	7/2021					
ESTIMATED PROJECT COST:	\$ 1,089,906					
DESCRIPTION/JUSTIFICATION						
<p>The purpose of this project is renovate the 3,400 square foot former HBO facility located on the Sawgrass WTP property so that it can be utilized for Facilities Maintenance and Utilities storage space. In its prior use, the building had depressed floor slab areas for equipment and cabling. In order for the building to be used as warehouse space, the floor will need to be leveled. Additionally, the building will require the installation of rollup garage doors for loading and unloading of equipment, as well as office and work areas for City maintenance crews that will be operating out of this site. Beyond the existing shell, we propose to add up to 2,000 square feet of additional storage bays for supplies and equipment.</p> <p>*Sustainable elements include energy efficient equipment and LED lighting, low VOC paints, and native landscaping material that require minimal water once established.*</p> <p>**Annual operating expenses include water, wastewater, and electricity.**</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 465	980,100					\$ 980,100
						\$ -
						\$ -
TOTAL	\$ 980,100	\$ -	\$ -	\$ -	\$ -	\$ 980,100
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Other. Costs	144,700					\$ 144,700
506510 - Construction	835,400					\$ 835,400
TOTAL	\$ 980,100	\$ -	\$ -	\$ -	\$ -	\$ 980,100
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating		1,200	2,400	2,400	2,400	\$ 8,400
Capital Outlay						\$ -
TOTAL	\$ -	\$ 1,200	\$ 2,400	\$ 2,400	\$ 2,400	\$ 8,400
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 465	109,806	2,506	107,300			
			-			
			-			
TOTAL	\$ 109,806	\$ 2,506	\$ 107,300			


SPRINGTREE WTP VFD REPLACEMENT- HIGH SERVICE PUMP "B"

PROJECT NUMBER:	5134ST					
LOCATION:	4350 Springtree Drive					
STATUS:	In Progress - Design					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Guaionex De Los Santos					
START DATE:	5/2019					
COMPLETION DATE:	4/2021					
ESTIMATED PROJECT COST:	\$ 5,445,000					
DESCRIPTION/JUSTIFICATION						
<p>The Springtree Water Treatment Plant (WTP) high service pump "B" VFDs, medium voltage motor control center (MV-MCC), and switchgear are approximately 30-years old and were reviewed as part of the Water and Wastewater Master Plan facilities condition assessment process. This project includes the replacement of existing high service pump "B" VFDs, MV-MCC and utility/distribution switchgear, electrical substation #1 and #2, and other mechanical and electrical distribution equipment as well as the installation of new pad mounted transformers, 480V switchboard, 5kV raceways and cables, 480V raceways, and new side "B" high service pumps and motors. The aged switchgear is comprised of major electrical components from several manufacturers making the coordination of repairs challenging while increasing the risk of failure. Some of the outdated technology and obsolete system components reduce flexibility and reliability and increase the difficulty of obtaining parts for repair.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 465	5,364,000					\$ 5,364,000
						\$ -
						\$ -
TOTAL	\$ 5,364,000	\$ -	\$ -	\$ -	\$ -	\$ 5,364,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs	447,000					\$ 447,000
506510 - Construction	4,917,000					\$ 4,917,000
TOTAL	\$ 5,364,000	\$ -	\$ -	\$ -	\$ -	\$ 5,364,000
ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 465	81,000	-	81,000			
			-			
			-			
TOTAL	\$ 81,000	\$ -	\$ 81,000			


SUNRISE GOLF COURSE REUSE MAIN EXTENSION

PROJECT NUMBER:	5135PI					
LOCATION:	Various					
STATUS:	In Progress - Design					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Gregg Bagnall					
START DATE:	3/2019					
COMPLETION DATE:	10/2022					
ESTIMATED PROJECT COST:	\$ 2,670,851					
DESCRIPTION/JUSTIFICATION						
<p>The City is implementing a wastewater reuse program and this project offers an opportunity to initiate residential reuse within a newly planned residential community, where potable irrigation conversion challenges would not occur. This pipeline length is 5,740 linear feet and can run along the north or south of the unimproved C-13 Canal bank for the majority of the distance. This project will include a transmission line from Flamingo Road.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 465	2,257,400					\$ 2,257,400
						\$ -
						\$ -
TOTAL	\$ 2,257,400	\$ -	\$ -	\$ -	\$ -	\$ 2,257,400
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs	218,400					\$ 218,400
506510 - Construction	2,039,000					\$ 2,039,000
TOTAL	\$ 2,257,400	\$ -	\$ -	\$ -	\$ -	\$ 2,257,400
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 465	413,451	851	412,600			
			-			
			-			
TOTAL	\$ 413,451	\$ 851	\$ 412,600			

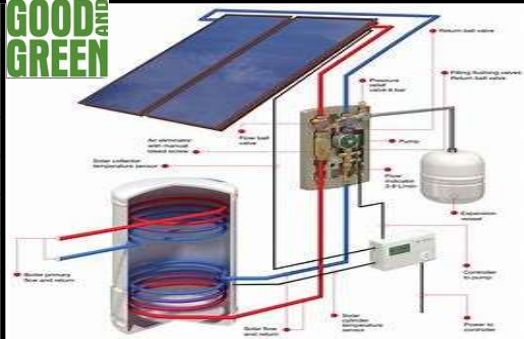
ELECTRIC VEHICLE INFRASTRUCTURE

PROJECT NUMBER:	5137SU					
LOCATION:	Various					
STATUS:	In Progress - Construction					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Carrie Kashar					
START DATE:	10/2018					
COMPLETION DATE:	11/2022					
ESTIMATED PROJECT COST:	\$ 53,000					
DESCRIPTION/JUSTIFICATION						
<p>Electric vehicles (EVs) have a substantially lower fuel cost per mile than gasoline powered vehicles, and the purchase price of EVs continues to decrease. They are now available to the Cities via conventional contracting methods and would be a good sustainable choice to utilize for light-duty service as pooled engineering, code enforcement or building inspection vehicles with high annual city mileage. This project would supply a charging station and several leases in order to replace some of the aging vehicles in the City's current vehicle fleet. Replacing a portion of the City's vehicles with EVs is a step in the reduction of the City's greenhouse gas emissions, and can begin within the Utilities Department.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget		Project-to-Date (PTD) Actuals		Project-to-Date (PTD) Balance	
Fund 465	53,000		-		53,000	
					-	
					-	
TOTAL	\$ 53,000		\$ -		\$ 53,000	

EXISTING CITY BUILDING COMMISSIONING

PROJECT NUMBER:	5138SU					
LOCATION:	Various					
STATUS:	In Progress - Design					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Carrie Kashar					
START DATE:	10/2018					
COMPLETION DATE:	11/2020					
ESTIMATED PROJECT COST:	\$ 650,000					
DESCRIPTION/JUSTIFICATION						
<p>This project will include Existing Building Commissioning, or a systematic process for investigating, analyzing, and optimizing the performance of the building systems through the identification and correction of deficiencies. The process verifies the building and its systems meet current requirements; improves use of energy and water; improves operations, controls and maintenance problems; addresses occupant comfort complaints; improves indoor environmental comfort; and documents system operations. This project will initially identify and address a number of buildings within the City's enterprise funds (Utilities Department) where adequate funding is immediately available, then progress toward addressing general fund projects in later years.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget		Project-to-Date (PTD) Actuals		Project-to-Date (PTD) Balance	
Fund 465	650,000		-		650,000	
					-	
					-	
TOTAL	\$ 650,000		\$ -		\$ 650,000	

SOLAR THERMAL SYSTEMS

PROJECT NUMBER:	5139SU	
LOCATION:	Various	
STATUS:	In Progress - Design	
DEPARTMENT:	Utilities	
PROJECT MANAGER:	Carrie Kashar	
START DATE:	10/2018	
COMPLETION DATE:	11/2022	
ESTIMATED PROJECT COST:	\$ 52,000	

DESCRIPTION/JUSTIFICATION

This project will introduce solar water heating to several of the City's existing Utility Plant sites at Springtree and Sawgrass Water and Wastewater Treatment Plants, Fire Station facilities (Fire Stations 39 and 83) and Park sites where staff or the public may spend hours throughout the year and must cook, clean, shower and require a reliable source of hot water that can readily be heated with this renewable energy source and be backed up by the FPL grid during inclement weather.

**Sustainable considerations include a reduction the City's overall water consumption and electricity usage.

FUNDING SOURCES

FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

PROJECT COMPONENTS

506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -


ANNUAL OPERATING IMPACT

Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -


HISTORICAL PROJECT-TO-DATE

FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
Fund 465	52,000	-	52,000
			-
			-
TOTAL	\$ 52,000	\$ -	\$ 52,000

SAWGRASS WWTP DISSOLVED AIR FLOATATION SYSTEM REHABILITATION

PROJECT NUMBER:	5141SG					
LOCATION:	Sawgrass WWTP					
STATUS:	New Project					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Guarionex De Los Santos					
START DATE:	12/2019					
COMPLETION DATE:	6/2021					
ESTIMATED PROJECT COST:	\$ 1,419,000					
DESCRIPTION/JUSTIFICATION						
<p>The waste sludge at Sawgrass WWTP is thickened at the Dissolved Air Flotation (DAF) process to approximately 2 – 3 % solids and then transferred to the sludge holding tanks prior to high solids centrifuge dewatering. The centrifuge process requires the sludge to be at least 2% solids but not higher than 5% solids for proper functioning of centrifuges. The DAF introduces pressurized air and a polymer, causing the solids to rise and float to the surface. Solids are scraped off the top and pumped into holding tanks and wastewater is recirculated back to treatment. The DAF system was built in two phases: The first phase was built in 1987 with the Train A construction and the second phase was built in the 1996 plant expansion project. The older side of the DAF process exhibits heavy wear and corrosion of many components, so the equipment has exceeded the expected service life and must be replaced. The newer side of the DAF unit is also showing signs of heavy wear and is in need of new system scraper components and a drive unit. Additionally, the inside of the DAF unit tank will require a structural liner to strengthen and seal existing cracks in the concrete.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 402	110,000	1,309,000				\$ 1,419,000
						\$ -
						\$ -
TOTAL	\$ 110,000	\$ 1,309,000	\$ -	\$ -	\$ -	\$ 1,419,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design	110,000					\$ 110,000
506505 - Const. Othr. Costs		105,000				\$ 105,000
506510 - Construction		1,204,000				\$ 1,204,000
TOTAL	\$ 110,000	\$ 1,309,000	\$ -	\$ -	\$ -	\$ 1,419,000
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
			-			
			-			
			-			
TOTAL	\$ -	\$ -	\$ -			

INDIAN TRACE PUMP STATION REHABILITATION

PROJECT NUMBER:	5142IT	
LOCATION:	Indian Trace and Pump Station	
STATUS:	New Project	
DEPARTMENT:	Utilities	
PROJECT MANAGER:	TBD	
START DATE:	12/2019	
COMPLETION DATE:	12/2022	
ESTIMATED PROJECT COST:	\$ 4,152,000	

DESCRIPTION/JUSTIFICATION

The Indian Trace Booster Pumping Station equipment has exceeded its useful service life. The existing pumps, electrical gear, piping and valves were installed in 1987 and are in degraded condition. Electrical gear and pumps are difficult to maintain and spare parts are no longer readily available. This pump station provides water supply to Weston customers and this project was included in the 2008 Master Plan as Project STF-106. These improvements were recommended for completion in 2010-2011, yet were postponed to address more critical concerns at that time. It is necessary to rehabilitate this facility now, including replacement of existing pumps, replacement of 16-inch discharge piping, replacement of the pump suction and discharge valves, replacement of the electrical motor control center, addition of a concrete floor in the electrical/pump room, and adding a natural gas emergency generator.

Annual operating expenses include: electricity usage.

FUNDING SOURCES

FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 402	300,000	3,852,000				\$ 4,152,000
						\$ -
						\$ -
TOTAL	\$ 300,000	\$ 3,852,000	\$ -	\$ -	\$ -	\$ 4,152,000

PROJECT COMPONENTS

506100 - Land Purchase						\$ -
506502 - Const. Design	300,000					\$ 300,000
506505 - Const. Othr. Costs		550,000				\$ 550,000
506510 - Construction		3,302,000				\$ 3,302,000
TOTAL	\$ 300,000	\$ 3,852,000	\$ -	\$ -	\$ -	\$ 4,152,000


ESTIMATED ANNUAL OPERATING IMPACT

Personnel						\$ -
Operating		52,000	65,000	66,300	67,626	\$ 250,926
Capital Outlay						\$ -
TOTAL	\$ -	\$ 52,000	\$ 65,000	\$ 66,300	\$ 67,626	\$ 250,926

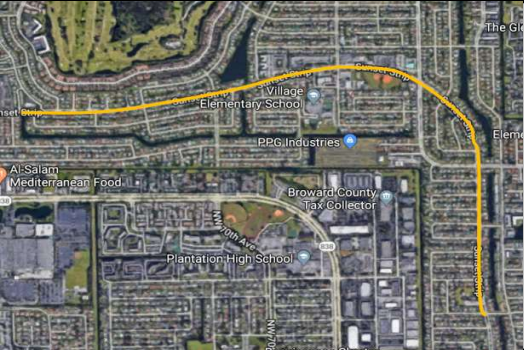
HISTORICAL PROJECT-TO-DATE

FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
			-
			-
			-
TOTAL	\$ -	\$ -	\$ -

SAWGRASS WTP CONCRETE REHABILITATION

PROJECT NUMBER:	5143SG					
LOCATION:	14150 NW 8th St.					
STATUS:	New Project					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Mark Winslow					
START DATE:	10/2019					
COMPLETION DATE:	9/2021					
ESTIMATED PROJECT COST:	\$ 1,790,000					
DESCRIPTION/JUSTIFICATION						
<p>This project is for rehabilitation of reinforced concrete structural components and surfaces at the Sawgrass Water Treatment Plant Chemical/Mechanical and Process Buildings. Reinforced concrete structural components and surfaces exposed to treatment process chemicals such as Chlorine and Sulfuric Acid, and moisture over time can crack and delaminate from corrosion of the underlying reinforcing steel. This 2-year CIP will include the repair or possible full replacement of delaminated (spalled) reinforced concrete Chlorine storage tank foundations and associated support structures, delamination and crack repair in the Chemical/Mechanical and Process Building pipe galleries, and repair of the concrete surface of the Diesel fuel storage tank spill containment damaged from Sulfuric Acid exposure. Additional work will include the application of chemical protective coatings on the repaired concrete surfaces. Concrete repairs of this nature require large contingency funding be included in the budget because of unforeseen repairs that may be required as the damaged concrete and reinforcing steel are exposed.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 465	895,000	895,000				\$ 1,790,000
						\$ -
						\$ -
TOTAL	\$ 895,000	\$ 895,000	\$ -	\$ -	\$ -	\$ 1,790,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design	35,000	35,000				\$ 70,000
506505 - Const. Othr. Costs	60,000	60,000				\$ 120,000
506510 - Construction	800,000	800,000				\$ 1,600,000
TOTAL	\$ 895,000	\$ 895,000	\$ -	\$ -	\$ -	\$ 1,790,000
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
					-	
					-	
					-	
TOTAL	\$ -	\$ -	\$ -			

SUNSET STRIP AC FORCE MAIN PIPE BURSTING

PROJECT NUMBER:	5144PI	
LOCATION:	Sunset Strip	
STATUS:	New Project	
DEPARTMENT:	Utilities	
PROJECT MANAGER:	Luisa Fernanda Arbelaez	
START DATE:	2/2020	
COMPLETION DATE:	10/2023	
ESTIMATED PROJECT COST:	\$ 2,960,000	

DESCRIPTION/JUSTIFICATION

This project will allow for the replacement of approximately 14,000 In.ft. of approximately 40-year-old 6-inch and 8-inch asbestos cement (AC) force main piping along Sunset Strip, from NW 15th Street to Gold Key Boulevard, and from lift station 101 and lift station 102 (at Sunset Strip and NW 15 Street) to lift station 109 (at Gold Key Boulevard) as well as portions of AC force main piping at lift station 104 (at Sunset Strip and NW 68 Avenue). Utilities which are existing under the traffic circles at NW 64 Avenue and NW 19 Street will require relocation into the roadway portions of these corridors, away from the internal landscaped areas of these circles.

FUNDING SOURCES

FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 465	590,000	2,370,000	-			\$ 2,960,000
						\$ -
						\$ -
TOTAL	\$ 590,000	\$ 2,370,000	\$ -	\$ -	\$ -	\$ 2,960,000

PROJECT COMPONENTS

506100 - Land Purchase						\$ -
506502 - Const. Design	260,000					\$ 260,000
506505 - Const. Othr. Costs	330,000					\$ 330,000
506510 - Construction		2,370,000				\$ 2,370,000
TOTAL	\$ 590,000	\$ 2,370,000	\$ -	\$ -	\$ -	\$ 2,960,000


ESTIMATED ANNUAL OPERATING IMPACT

Personnel		-	-	-	-	\$ -
Operating		-	-	-	-	\$ -
Capital Outlay		-	-	-	-	\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

HISTORICAL PROJECT-TO-DATE

FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
			-
			-
			-
TOTAL	\$ -	\$ -	\$ -

SAWGRASS RAS-WAS PUMP REPLACEMENT & WAS UNDERFLOW VALVES

PROJECT NUMBER:	5145SG	
LOCATION:	14150 NW 8th St.	
STATUS:	New Project	
DEPARTMENT:	Utilities	
PROJECT MANAGER:	Guarionex De Los Santos	
START DATE:	12/2019	
COMPLETION DATE:	12/2021	
ESTIMATED PROJECT COST:	\$ 720,000	

DESCRIPTION/JUSTIFICATION

Sawgrass WWTP Train A Return Activated Sludge (RAS) pumps and Waste Activated Sludge (WAS) pumps on the original 10 MGD side of this plant have exceeded the useful life for this equipment (greater than 20 and 30 years age, respectively). These ten (10) pumps have severely worn impellers, volutes, shaft bearings, and packing glands, and performance has fallen off dramatically so require replacement. The project includes design and permitting for the replacement of six (6) RAS and four (4) WAS pumps. The new pumps, valves and associated control panels and electrical service will be replaced for improved performance and operational reliability. These pumps are currently very unreliable and require frequent repairs and attention of facility maintenance personnel. The four Train A Clarifiers each have a 6" drain line to the Waste Sludge Sump that gets pumped by the WAS pumps to the Sludge Holding Tanks. Each has a 6-inch motorized valve to control flow to the valve pit and also requires replacement.

FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 465	720,000					\$ 720,000
						\$ -
						\$ -
TOTAL	\$ 720,000	\$ -	\$ -	\$ -	\$ -	\$ 720,000

PROJECT COMPONENTS

506100 - Land Purchase						\$ -
506502 - Const. Design	70,000					\$ 70,000
506505 - Const. Othr. Costs						\$ -
506510 - Construction	650,000					\$ 650,000
TOTAL	\$ 720,000	\$ -	\$ -	\$ -	\$ -	\$ 720,000

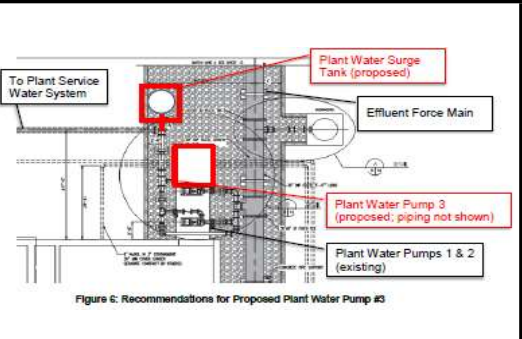
ESTIMATED ANNUAL OPERATING IMPACT

Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -


HISTORICAL PROJECT-TO-DATE

FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
			-
			-
			-
TOTAL	\$ -	\$ -	\$ -

SPRINGTREE WWTP TWAS IMPROVEMENTS

PROJECT NUMBER:	5146ST					
LOCATION:	4350 Springtree Drive					
STATUS:	New Project					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Guarionex De Los Santos					
START DATE:	2/2020					
COMPLETION DATE:	3/2022					
ESTIMATED PROJECT COST:	\$ 435,000					
DESCRIPTION/JUSTIFICATION						
<p>The wastewater Sludge Gravity Belt Thickening (GBT) process at the Springtree Wastewater Treatment Plant requires new thickened waste activated sludge (TWAS) pumps which are failing to perform frequently. Additionally, it has been determined there is inadequate water pressure for the plant water system distributed to wash systems in and around the GBT process for properly washing the belts. Two (2) Thickened Sludge Pumps must be replaced and two GBT Washwater Booster Pumps are needed within this process building for improving pressure to this facility. The Plant Operations Division worked with one of the City's consulting engineers to prepare construction plans and specifications to be added under an ongoing capital project. However, since the Contractor's change proposal was higher than expected and what appears reasonable for this work, a separate project is needed to complete these improvements.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 465	61,000	374,000				\$ 435,000
						\$ -
						\$ -
TOTAL	\$ 61,000	\$ 374,000	\$ -	\$ -	\$ -	\$ 435,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design	10,000					\$ 10,000
506505 - Const. Othr. Costs	51,000					\$ 51,000
506510 - Construction		374,000				\$ 374,000
TOTAL	\$ 61,000	\$ 374,000	\$ -	\$ -	\$ -	\$ 435,000
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
						-
						-
						-
TOTAL	\$ -	\$ -			\$ -	-

SAWGRASS HEADWORKS INFLUENT LINE IMPROVEMENTS

PROJECT NUMBER:	5147SG					
LOCATION:	Various					
STATUS:	New Project					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Guarionex De Los Santos					
START DATE:	2/2020					
COMPLETION DATE:	5/2021					
ESTIMATED PROJECT COST:	\$ 250,000					
DESCRIPTION/JUSTIFICATION						
<p>The influent lines leading into the headworks facility need to be analyzed and corrective actions taken. The problem is that the underground lines need to be relocated to the front of the headworks to avoid another line that runs directly under the headworks foundation. During a previous repair it was discovered that a valve under the headworks should be eliminated and the flow into the headworks should run to the front of the headworks. Additionally, the old headworks building needs to be demolished as it is no longer serving any function. The lines leading into it should be reviewed to determine which lines need to be rerouted and which ones can be removed. Phase 1 of this project will analyze the issues at the headworks and prepare a basis of design report that will allow the City to determine the total project scope and costs.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 465	250,000					\$ 250,000
						\$ -
						\$ -
TOTAL	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design	250,000					\$ 250,000
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
					-	
					-	
					-	
TOTAL	\$ -	\$ -	\$ -			

SAWGRASS WTP PIPE GALLERY IMPROVEMENTS

PROJECT NUMBER:	5148SG
LOCATION:	777A Sawgrass Corporate Parkway
STATUS:	New Project
DEPARTMENT:	Utilities
PROJECT MANAGER:	Mark Winslow
START DATE:	12/2019
COMPLETION DATE:	6/2022
ESTIMATED PROJECT COST:	\$ 1,000,000



DESCRIPTION/JUSTIFICATION

The Sawgrass Water Treatment Plant (SWTP) was constructed in 2000 and utilizes a membrane softening process called nanofiltration (NF) to treat fresh water from the Biscayne Aquifer. In 2003, the facility was expanded by installing an additional two membrane trains (to a total of six) and currently has a permitted treatment capacity of 24 mgd. Throughout its life, this plant has remained in continuous operation and produces very high quality water. Due to the continuous throughput and age and deterioration of certain piping, couplings and related equipment used to transmit pressure and flow readings to automated, computerized systems this plant requires replacement of a number of these components. These improvements are required in the piping gallery located under the ground floor treatment operations level, where all raw water is delivered from the Arena and Flamingo Park wellfields. This project provides much needed replacements of pipe couplings (restraints), motor operated valves, pressure and flow transmitters as well as lightning protection and rerouting of drain lines as well as some structural improvements from long term use.

FUNDING SOURCES

FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 465	1,000,000					\$ 1,000,000
						\$ -
						\$ -
TOTAL	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000

PROJECT COMPONENTS

506100 - Land Purchase						\$ -
506502 - Const. Design	80,000					\$ 80,000
506505 - Const. Othr. Costs	120,000					\$ 120,000
506510 - Construction	800,000					\$ 800,000
TOTAL	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000

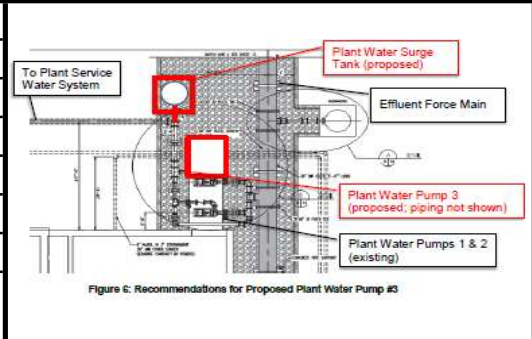
ESTIMATED ANNUAL OPERATING IMPACT

Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -


HISTORICAL PROJECT-TO-DATE

FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
			-
			-
			-
TOTAL	\$ -	\$ -	\$ -


SPRINGTREE WTP WATER SYSTEM IMPROVEMENTS

PROJECT NUMBER:	5149ST					
LOCATION:	4350 Springtree Drive					
STATUS:	New Project					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Guraionex De Los Santos					
START DATE:	2/2020					
COMPLETION DATE:	10/2022					
ESTIMATED PROJECT COST:	\$ 270,000					
DESCRIPTION/JUSTIFICATION						
<p>The recent addition of wastewater sludge dewatering facilities at the Springtree Wastewater Treatment Plant revealed inadequate existing plant service water (PSW) flow and pressure for ongoing cleaning of process structures and equipment. Operations staff have experienced unscheduled shutdowns of the gravity belt thickeners due to limitations in this PSW supply. In addition, some equipment connected to the PSW system has been damaged, most likely due to water hammer. The upcoming headworks project upgrades will place new and expanded demands on this PSW system so improvements are required to address these deficiencies, eliminate water hammer and provide improved reliability of this operation.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 465	60,000	210,000				\$ 270,000
						\$ -
						\$ -
TOTAL	\$ 60,000	\$ 210,000	\$ -	\$ -	\$ -	\$ 270,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design	30,000					\$ 30,000
506505 - Const. Othr. Costs	30,000					\$ 30,000
506510 - Construction		210,000				\$ 210,000
TOTAL	\$ 60,000	\$ 210,000	\$ -	\$ -	\$ -	\$ 270,000
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
			-			
			-			
			-			
TOTAL	\$ -	\$ -	\$ -			


SAWGRASS WTP WALKWAY IMPROVEMENTS

PROJECT NUMBER:	5150SG					
LOCATION:	14150 NW 8th St.					
STATUS:	New Project					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Mark Winslow					
START DATE:	10/2019					
COMPLETION DATE:	1/2020					
ESTIMATED PROJECT COST:	\$ 140,000					
DESCRIPTION/JUSTIFICATION						
<p>This project is for improvements to the existing covered walkway and patio located at Sawgrass Water Treatment Plant, between the Process Building and the Chemical/Mechanical Building. Work under this project will include the removal and replacement of the existing decorative concrete surface with concrete non-slip pavers. Ancillary work will consist of grading and sealing the underlying concrete surface and drainage improvements that will utilize the existing planter areas adjacent to the walkway as drainage sumps. The existing palm trees will be removed from the planters and be relocated on-site. The soil will be removed from the planters and replaced with #57 stone to allow percolation of runoff to the water table. The #57 stone will be covered with a layer of red lava rock for a decorative finish. Upon removal of the soil from the planters, the existing waterproofing system on the exterior concrete walls of the process pipe gallery tunnels will be inspected, and a condition report provided to Utilities Staff.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 465	140,000					\$ 140,000
						\$ -
						\$ -
TOTAL	\$ 140,000	\$ -	\$ -	\$ -	\$ -	\$ 140,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design	10,000	-				\$ 10,000
506505 - Const. Othr. Costs	15,000	-				\$ 15,000
506510 - Construction	115,000		-			\$ 115,000
TOTAL	\$ 140,000	\$ -	\$ -	\$ -	\$ -	\$ 140,000
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
						-
						-
						-
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	-


CELEBRATE SUNRISE WATERMAIN REPLACEMENT - PHASE 2

PROJECT NUMBER:		TBD				
LOCATION:		Various				
STATUS:		New Project				
DEPARTMENT:		Utilities				
PROJECT MANAGER:		Guarionex De Los Santos				
START DATE:		2/2021				
COMPLETION DATE:		5/2024				
ESTIMATED PROJECT COST:		\$ 3,560,000				
DESCRIPTION/JUSTIFICATION						
<p>The are approximately 10,200 linear feet of watermains located on NW 26th Street to NW 30th Street and from NW 68th Avenue to NW 69th Avenue that were constructed prior to 1992. This water system partially consists of asbestos concrete (AC) piping . This project replaces the older AC, and interconnects with new ductile iron pipe located in the public right-of-way. This project will improve water quality, service reliability, and fire service protection. Work will include milling and resurfacing of all roadways within this service area.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 402		456,000	3,104,000			\$ 3,560,000
						\$ -
						\$ -
TOTAL	\$ -	\$ 456,000	\$ 3,104,000	\$ -	\$ -	\$ 3,560,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design		380,000				\$ 380,000
506505 - Const. Othr. Costs		76,000	304,000			\$ 380,000
506510 - Construction			\$ 2,800,000			\$ 2,800,000
TOTAL	\$ -	\$ 456,000	\$ 3,104,000	\$ -	\$ -	\$ 3,560,000
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
				-		
				-		
				-		
TOTAL	\$ -	\$ -	\$ -			

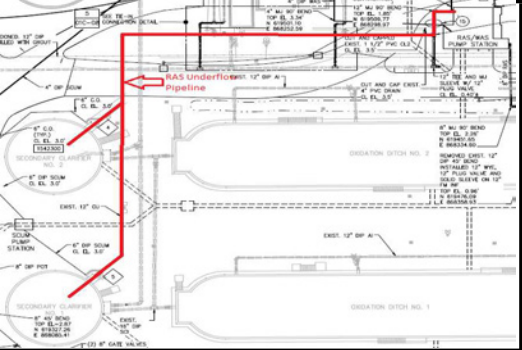
SAWGRASS FACILITY EQUIPMENT MAINTENANCE BUILDING

PROJECT NUMBER:		TBD				
LOCATION:		14150 NW 8th St.				
STATUS:		New Project				
DEPARTMENT:		Utilities				
PROJECT MANAGER:		Meghan Kaufold				
START DATE:		1/2021				
COMPLETION DATE:		12/2023				
ESTIMATED PROJECT COST:		\$ 6,497,000				
DESCRIPTION/JUSTIFICATION						
<p>The Sawgrass Water and Wastewater Treatment Plant has a significant amount of equipment and machinery utilized at the wellfields, pump stations, for maintenance of traffic, and work at night or during other events (generators, portable lift stations, pumps, motors, bearings, meters, brass parts and fittings, light towers/trailers, message boards, etc.), which require protection from weather and to be secured for emergency or general use. The existing facility equipment maintenance and storage building is over 40 years old and deteriorated due to steel corrosion, infestations, etc. This project would include a new masonry building sufficiently sized to replace the existing building for these same uses, and for more storage due to growth, as well as improvement to the parking areas around the building to accommodate more vehicles. The budget is based on an 18,000 square foot building.</p> <p>*Annual operating expenses include: water, wastewater, and electricity.*</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 465		1,397,000	5,100,000			\$ 6,497,000
						\$ -
						\$ -
TOTAL	\$ -	\$ 1,397,000	\$ 5,100,000	\$ -	\$ -	\$ 6,497,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design		612,000				\$ 612,000
506505 - Const. Othr. Costs		785,000				\$ 785,000
506510 - Construction			5,100,000			\$ 5,100,000
TOTAL	\$ -	\$ 1,397,000	\$ 5,100,000	\$ -	\$ -	\$ 6,497,000
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating			3,600	3,650	3,650	\$ 10,900
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ 3,600	\$ 3,650	\$ 3,650	\$ 10,900
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
					-	
					-	
					-	
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	

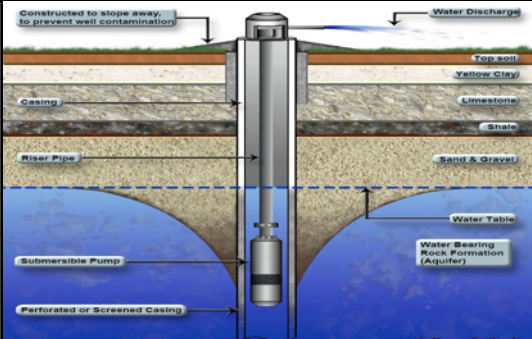
NW 44TH STREET WATERMAIN REPLACEMENT

PROJECT NUMBER:	TBD					
LOCATION:	Various					
STATUS:	New Project					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Guarionex De Los Santos					
START DATE:	2/2022					
COMPLETION DATE:	5/2025					
ESTIMATED PROJECT COST:	\$ 2,090,000					
DESCRIPTION/JUSTIFICATION						
<p>The purpose of this project is to replace the existing 30" watermain from Nob Hill Road to Pine Island Road, on the north side of the right-of-way. Prior to designing the project modeling efforts will be necessary to determine the appropriate watermain sizing.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 465			352,000	1,738,000		\$ 2,090,000
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ 352,000	\$ 1,738,000	\$ -	\$ 2,090,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design			310,000			\$ 310,000
506505 - Const. Othr. Costs			42,000	168,000		\$ 210,000
506510 - Construction				1,570,000		\$ 1,570,000
TOTAL	\$ -	\$ -	\$ 352,000	\$ 1,738,000	\$ -	\$ 2,090,000
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
				-		
				-		
				-		
TOTAL	\$ -	\$ -	\$ -			

SOUTHWEST WWTP RAS LINE REPLACEMENT & HYDRAULIC RECONFIG.

PROJECT NUMBER:	TBD					
LOCATION:	14150 NW 8th St.					
STATUS:	New Project					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Gregg Bagnall					
START DATE:	2/2021					
COMPLETION DATE:	5/2023					
ESTIMATED PROJECT COST:	\$ 238,000					
DESCRIPTION/JUSTIFICATION						
<p>During completion of the rehabilitation of the Southwest Wastewater Treatment Plant, certain hydraulic changes occurred to the return activated sludge (RAS) piping/pumping which have affected RAS flowrates and flow back to the influent pumping station at this plant. The original plant design relied upon RAS flow utilizing manual adjusting telescoping valves that operated based on the static head in the secondary clarifiers. These valves were replaced with more traditional valves and the resulting reconfiguration of gravity lines returning this sludge are presenting certain complications with delivering adequate flow from one clarifier. As a result of these changes, reconfigured piping requires higher than normal RAS flowrates to circulate in order to adequately return enough sludge to the influent pump station, which in turn affects overall treatment efficiencies and maintenance of the desired microbes and health for optimal treatment. Improvements to the secondary clarifier drain lines shall be necessary and will be provided in this project to provide the necessary hydraulic capacity and proper RAS circulation rate for more optimal treatment results. If these changes are not made the sludge drain line from one of the two clarifiers will not operate as efficiently and could eventually affect City's capability to reliably maintain proper microbe populations and treatment efficiency.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 465		68,000	170,000			\$ 238,000
						\$ -
						\$ -
TOTAL	\$ -	\$ 68,000	\$ 170,000	\$ -	\$ -	\$ 238,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design		38,000				\$ 38,000
506505 - Const. Othr. Costs		30,000				\$ 30,000
506510 - Construction			170,000			\$ 170,000
TOTAL	\$ -	\$ 68,000	\$ 170,000	\$ -	\$ -	\$ 238,000
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
						-
						-
						-
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	-

SPRINGTREE FLORIDAN SUPPLY WELL

PROJECT NUMBER:	TBD	
LOCATION:	Varies	
STATUS:	New Project	
DEPARTMENT:	Utilities	
PROJECT MANAGER:	TBD	
START DATE:	6/2022	
COMPLETION DATE:	12/2025	
ESTIMATED PROJECT COST:	\$ 1,800,000	

DESCRIPTION/JUSTIFICATION

The Springtree 1.5 MGD Reverse Osmosis Water Treatment Plant is supplied water by a Floridan well installed in 1997. The well has a capacity of approximately 2 MGD. This well has exhibited some complications with the formation recently and it is necessary to design and deliver a redundant well for reliability and to provide redundancy for supplying water to this plant. The new well would be drilled to anywhere from 1,000 to 1,400 feet in depth and require a submersible pump and motor assembly, surface piping, valves, and electrical instrumentation and control to be located in close proximity to this Springtree water treatment facility.

*Annual operating expenses include: electricity and maintenance costs.**


FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 465			250,000	1,550,000		\$ 1,800,000
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ 250,000	\$ 1,550,000	\$ -	\$ 1,800,000

PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design			225,000			\$ 225,000
506505 - Const. Othr. Costs			25,000	50,000		\$ 75,000
506510 - Construction				1,500,000		\$ 1,500,000
TOTAL	\$ -	\$ -	\$ 250,000	\$ 1,550,000	\$ -	\$ 1,800,000

ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay			25,000	25,000	25,000	\$ 75,000
TOTAL	\$ -	\$ -	\$ 25,000	\$ 25,000	\$ 25,000	\$ 75,000

HISTORICAL PROJECT-TO-DATE			
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
			-
			-
			-
TOTAL	\$ -	\$ -	\$ -

SPRINGTREE WTP BISCAYNE AQUIFER WELLS 2, 7 & 8 REPLACEMENT

PROJECT NUMBER:	TBD					
LOCATION:	Springtree Biscayne Wellfield					
STATUS:	New Project					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Earl Prizlee					
START DATE:	11/2024					
COMPLETION DATE:	9/2027					
ESTIMATED PROJECT COST:	\$ 2,753,000					
DESCRIPTION/JUSTIFICATION						
<p>The City's 2008 Master Plan outlined the need to evaluate the Springtree Biscayne Aquifer production wells due to age and deterioration. The City's evaluation confirmed corroded and leaking steel casings, valves and well head seals, and sand infiltration in the wells. This project provides for the replacement of three (3) of fifteen (15) wells and wellheads to return capacity lost due to failures. To date, we have replaced eight (8) wells. These wells were installed in the early to mid-1970s and are beyond their useful life. The South Florida Water Management District issued limiting conditions in the City's 2008 Water Use Permit reducing Springtree's raw water allocation to 10.7 MGD on an average daily flow basis. It is expected the replacement of these three wells will adequately supplement production from remaining wells to ensure that the City can supply sufficient raw water to meet its demands.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 465				297,400	2,455,600	\$ 2,753,000
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ 297,400	\$ 2,455,600	\$ 2,753,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design				238,000		\$ 238,000
506505 - Const. Othr. Costs				59,400	237,600	\$ 297,000
506510 - Construction					2,218,000	\$ 2,218,000
TOTAL	\$ -	\$ -	\$ -	\$ 297,400	\$ 2,455,600	\$ 2,753,000
ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
				-		
				-		
				-		
TOTAL	\$ -	\$ -	\$ -			



STORMWATER PUMP STATION #5 REPLACEMENT



PROJECT NUMBER:	006305
LOCATION:	9601 Sunrise Lakes Boulevard
STATUS:	In Progress - Construction
DEPARTMENT:	Utilities - Public Works
PROJECT MANAGER:	Guarionex De Los Santos
START DATE:	2/2013
COMPLETION DATE:	3/2021
ESTIMATED PROJECT COST:	\$ 4,600,062

DESCRIPTION/JUSTIFICATION

Stormwater Pump Station # 5 provides stormwater protection for the residential neighborhood and commercial properties. Due to the condition of the existing pumps, motors and building, the existing Stormwater Pump Station # 5 must be replaced.

Sustainable elements include removal of pollution from the canal and use of a cleaner burning natural gas generator.

FUNDING SOURCES

FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

PROJECT COMPONENTS

506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -


ESTIMATED ANNUAL OPERATING IMPACT

Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -


HISTORICAL PROJECT-TO-DATE

FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
Fund 444	4,600,062	260,513	4,339,549
			-
			-
TOTAL	\$ 4,600,062	\$ 260,513	\$ 4,339,549


EAST SUNRISE DRAINAGE IMPROVEMENTS

PROJECT NUMBER:	006324					
LOCATION:	Various					
STATUS:	Completed					
DEPARTMENT:	Utilities - Public Works					
PROJECT MANAGER:	Guarionex De Los Santos					
START DATE:	10/2015					
COMPLETION DATE:	10/2019					
ESTIMATED PROJECT COST:	\$ 515,775					
DESCRIPTION/JUSTIFICATION						
<p>This project proposes to improve drainage issues in the neighborhood on the southern end of Sunset Strip from NW 19th Street to Del Lago Circle. The work will be performed in conjunction with water main replacements in the same area. Improvements include new drainage structures, exfiltration trench, and swale regrading.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 444	515,775	247,993	267,782			
			-			
			-			
TOTAL	\$ 515,775	\$ 247,993	\$ 267,782			

CITYWIDE BOAT RAMP REPLACEMENT PROGRAM

PROJECT NUMBER:	006326					
LOCATION:	Various					
STATUS:	In Progress - Construction					
DEPARTMENT:	Utilities - Public Works					
PROJECT MANAGER:	Mark Winslow					
START DATE:	10/2017					
COMPLETION DATE:	Ongoing					
ESTIMATED PROJECT COST:	\$ 2,825,000					
DESCRIPTION/JUSTIFICATION						
<p>This is a comprehensive project that includes the design and construction of improved boat ramps for City use in order to provide access to key waterway entrances. The City maintains 97 waterbodies and access is required to each of these water bodies several times a year to perform maintenance activities. Maintenance involves the removal of debris that may have the potential to obstruct the water flow, trimming of vegetation and the control of weed and other aquatic growth. Those activities are a requirement of maintaining the drainage system per the City's National Pollutant Discharge Elimination System permit. It is anticipated that ten boat ramps will be constructed per fiscal year. Staff is exploring grant funding to assist funding the program.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 444	400,000	400,000	400,000	400,000	400,000	\$ 2,000,000
						\$ -
						\$ -
TOTAL	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 2,000,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design	35,000	35,000	35,000	35,000	35,000	\$ 175,000
506505 - Const. Othr. Costs	15,000	15,000	15,000	15,000	15,000	\$ 75,000
506510 - Construction	350,000	350,000	350,000	350,000	350,000	\$ 1,750,000
TOTAL	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 2,000,000
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 444	825,000	86,354	738,646			
			-			
			-			
TOTAL	\$ 825,000	\$ 86,354	\$ 738,646			

NW 68TH AVENUE CANAL HEADWALL REPLACEMENT

PROJECT NUMBER:	006327	
LOCATION:	2550 NW 68th Avenue	
STATUS:	In Progress - Construction	
DEPARTMENT:	Utilities - Public Works	
PROJECT MANAGER:	Mark Winslow	
START DATE:	10/2017	
COMPLETION DATE:	12/2019	
ESTIMATED PROJECT COST:	\$ 850,000	

DESCRIPTION/JUSTIFICATION
Inspection of the culvert crossing under NW 68th Avenue revealed that the 60 inch corrugated metal pipe (CMP) is in poor condition. In addition, the existing sand-cement headwalls have reached their useful service life and will be replaced with pre-cast concrete headwalls. Ancillary work under this project will include the installation of new storm drainage structures, guardrails, sidewalks, boat ramp, embankment stabilization and site work.


FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

HISTORICAL PROJECT-TO-DATE			
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
Fund 444	850,000	6,867	843,133
			-
			-
TOTAL	\$ 850,000	\$ 6,867	\$ 843,133

BOTANIKO DEVELOPMENT

PROJECT NUMBER:	000309	
LOCATION:	Weston Bonaventure	
STATUS:	In Progress - Construction	
DEPARTMENT:	Utilities - Gas	
PROJECT MANAGER:	Jeffrey Elliott	
START DATE:	10/2015	
COMPLETION DATE:	9/2021	
ESTIMATED PROJECT COST:	\$ 206,000	

DESCRIPTION/JUSTIFICATION

This project is to serve a new 125 single family home (custom estate homes) sub-division to be constructed on the old West Course of the Bonaventure Country Club. The development is currently under construction. The project will require approximately 17,000 feet of main and 125 service lines.

Annual operating expenses include: annual inspections required by regulation.

FUNDING SOURCES

FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

PROJECT COMPONENTS

506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

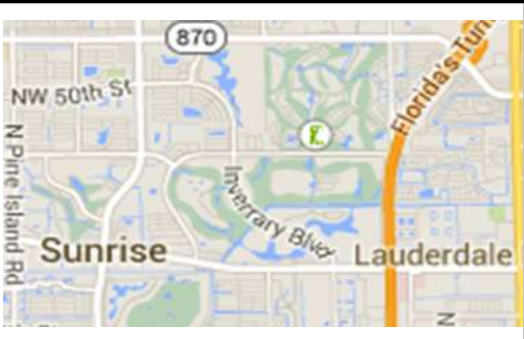
ESTIMATED ANNUAL OPERATING IMPACT

Personnel						\$ -
Operating	1,000	1,000	1,000	1,000	1,000	\$ 5,000
Capital Outlay						\$ -
TOTAL	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 5,000



HISTORICAL PROJECT-TO-DATE

FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
Fund 475	206,000	194,087	11,913
			-
			-
TOTAL	\$ 206,000	\$ 194,087	\$ 11,913


HIGH PRESSURE SUPPLY MAIN

PROJECT NUMBER:	000310					
LOCATION:	TBD					
STATUS:	New Project					
DEPARTMENT:	Utilities - Gas					
PROJECT MANAGER:	Jeffrey Elliott					
START DATE:	10/2015					
COMPLETION DATE:	9/2020					
ESTIMATED PROJECT COST:	\$ 6,567,880					
DESCRIPTION/JUSTIFICATION						
<p>This project provides an additional supply source from the interstate pipeline along Florida's Turnpike to support the entire natural gas system by increasing system reliability and redundancy. The project supports the gas utility expansion and revenue growth through the addition of commercial accounts and projected load growth from compressed natural gas fueling. This project is proposed as the primary option to providing a secondary feed to the natural gas system for both system integrity and redundancy of supply. An alternate option for a reduced redundant supply from the interstate pipeline has been identified and will be undertaken if we are unable to move forward with the primary option.</p> <p>*Annual operating expenses include: annual inspections required by regulation and maintenance costs.*</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating	30,000	30,000	30,000	30,000	30,000	\$ 150,000
Capital Outlay						\$ -
TOTAL	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 150,000
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget		Project-to-Date (PTD) Actuals		Project-to-Date (PTD) Balance	
Fund 475	6,567,880		12,500		6,555,380	
					-	
					-	
TOTAL	\$ 6,567,880		\$ 12,500		\$ 6,555,380	


ENERGY EFFICIENCY UPDGRADES

PROJECT NUMBER:	000351	 				
LOCATION:	4401 NW 103 Avenue					
STATUS:	In Progress - Design					
DEPARTMENT:	Utilities - Gas					
PROJECT MANAGER:	Meghan Kaufold					
START DATE:	10/2018					
COMPLETION DATE:	11/2020					
ESTIMATED PROJECT COST:	\$ 335,000					
DESCRIPTION/JUSTIFICATION						
<p>This project will include efficient lighting replacements and conservation retrofits to reduce energy consumption of the Gas Administration Building. Lighting use constitutes approximately 15-20% of the total source electrical consumption in office buildings, the use of these lighting-related energy efficiency and conservation measures will support Sunrise SAP goals (RM3 and RM-5). Light emitting diodes (LED) provide savings from reduced energy consumption and maintenance costs. LED lighting uses approximately 30% less energy and lasts 8-25 times longer than the existing incandescent lighting. This project will replace the existing incandescent lighting fixtures in the parking lot and warehouse with LED fixtures. The existing incandescent bulbs in the building interior lighting fixtures will be replaced with LED bulbs. In addition, the interior toggle type light switches will be replaced with motion sensor switches that will provide additional energy savings by turning off the lights in the space when not in use.</p> <p>*Sustainable elements include: high efficiency LED fixtures in lieu of incandescent and fluorescent fixtures.*</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 475	335,000	-	335,000			
			-			
			-			
TOTAL	\$ 335,000	\$ -	\$ 335,000			

VARIOUS NEW COMMERCIAL ACCOUNTS


PROJECT NUMBER:	000777					
LOCATION:	Various					
STATUS:	New Project					
DEPARTMENT:	Utilities - Gas					
PROJECT MANAGER:	Jeffrey Elliott					
START DATE:	10/2017					
COMPLETION DATE:	9/2023					
ESTIMATED PROJECT COST:	\$ 1,600,000					
DESCRIPTION/JUSTIFICATION						
<p>Multiple projects for the potential expansion of the gas system to serve new commercial accounts. Potential customers include restaurants, manufacturers, supermarkets, and commercial businesses.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 475	250,000	250,000	250,000	250,000	250,000	\$ 1,250,000
						\$ -
						\$ -
TOTAL	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 1,250,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction	250,000	250,000	250,000	250,000	250,000	\$ 1,250,000
TOTAL	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 1,250,000
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 475	350,000	273,535	76,465			
			-			
			-			
TOTAL	\$ 350,000	\$ 273,535	\$ 76,465			

VARIOUS NEW RESIDENTIAL ACCOUNTS

PROJECT NUMBER:	000778					
LOCATION:	Various					
STATUS:	New Project					
DEPARTMENT:	Utilities - Gas					
PROJECT MANAGER:	Jeffrey Elliott					
START DATE:	10/2019					
COMPLETION DATE:	9/2024					
ESTIMATED PROJECT COST:	\$ 375,000					
DESCRIPTION/JUSTIFICATION						
Multiple projects for the potential expansion of the gas system to serve new residential accounts.						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
Fund 475	75,000	75,000	75,000	75,000	75,000	\$ 375,000
						\$ -
						\$ -
TOTAL	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 375,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction	75,000	75,000	75,000	75,000	75,000	\$ 375,000
TOTAL	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 375,000
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
			-			
			-			
			-			
TOTAL	\$ -	\$ -	\$ -			



QUICK SERVICE AREA AND STORAGE AREA ROOFS

PROJECT NUMBER:	006492	
LOCATION:	5580 NW 108 Ave.	
STATUS:	In Progress - Construction	
DEPARTMENT:	Utilities - Fleet Services	
PROJECT MANAGER:	Mark Winslow	
START DATE:	10/2017	
COMPLETION DATE:	3/2020	
ESTIMATED PROJECT COST:	\$ 245,000	

DESCRIPTION/JUSTIFICATION
<p>This project will provide new roof structures for the development of a dedicated "Quick Service Area" and a storage area that stores tires and parts temporarily until the materials are removed for disposal. The "Quick Service Area" will include a minimum of four (4) dedicated spaces that will facilitate expediting minor repairs and minimize downtime to the City's fleet of vehicles. The current City contract with the firm that provides fleet maintenance includes provisions to staff a "Quick Service Area." The new roof over the storage area will help to prevent the safety hazard of standing water in the storage area.</p>

FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -


PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

HISTORICAL PROJECT-TO-DATE			
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
Fund 502	245,000	-	245,000
			-
			-
TOTAL	\$ 245,000	\$ -	\$ 245,000



NEW ENTERPRISE RESOURCE PLANNING SYSTEM

PROJECT NUMBER:	IT0001					
LOCATION:	Citywide					
STATUS:	In Progress					
DEPARTMENT:	Information Technology					
PROJECT MANAGER:	Laurie Gagner					
START DATE:	3/2016					
COMPLETION DATE:	3/2020					
ESTIMATED PROJECT COST:	\$ 4,203,734					
DESCRIPTION/JUSTIFICATION						
<p>This project will provide a more modern and robust solution to replace the current, legacy Naviline system. The migration to a fully integrated Enterprise Resource Planning (ERP) system will be tailored by Tyler Technologies for the City of Sunrise. Work will include professional services and training to install the suite of software modules that are based around two foundational core modules (Munis for Financials and EnerGov for Community Development). The project will be implemented in 5 phases over 48 months with some flexibility built-in if needed. This ERP will manage business processes and work flows across all City departments and result in significant staff efficiencies, robust automation, streamlining of processes, data sharing, enhanced customer service, and overall improved operations for the City.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY20	FY21	FY22	FY23	FY24	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 503	4,203,734	3,178,646	1,025,087			
TOTAL	\$ 4,203,734	\$ 3,178,646	\$ 1,025,087			

