

Fiscal Year 2017/2018

**ADOPTED
FIVE-YEAR CAPITAL
IMPROVEMENT
PROGRAM**



CITY OF SUNRISE, FLORIDA
FY 2017/2018 ADOPTED
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

MANAGEMENT TEAM

City Manager

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Assistant City Managers

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John E. Brooks

Acting Fire Chief

John K. McNamara

Community Development, Director

Shannon L. Ley, P.E.

Human Resources, Director

Carla M. Gomez

Utilities, Director

Timothy A. Welch, P.E.

Leisure Services, Director

Rosemarie Marco

**Finance & Administrative Services,
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**Information Technology,
Director**

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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

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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.

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.

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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.

Enterprise 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 401 - WATER AND WASTEWATER

This fund has been established to account for the regular operating expenses of the City's Water & Wastewater Utility, and the necessary infrastructure improvements and expansions to the system. Proceeds from these funds are primarily from charges for service from the City's utility customers, which include customers from the City of Sunrise and customers residing in the neighboring cities of Davie, Weston, and Southwest Ranches.

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

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 408 - UTILITIES SERIES 2010 CONSTRUCTION

This fund provides funding for various capital improvement projects identified at the time that the bonds were issued. The City has the flexibility to utilize remaining funding on other eligible projects.

FUND 444 - STORMWATER

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.

FUND 465 - WATER AND WASTEWATER CAPITAL PROJECTS

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 471 - GAS OPERATING AND MAINTENANCE

This fund accounts for the daily operations of Gas utilities. The Gas function provides for the safe and efficient management of the City's Natural Gas Operations, assuring a continuous supply of clean energy, and servicing of gas equipment and appliances for residential and commercial customers.

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

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

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

FUND 502 - FLEET MANAGEMENT

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

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FUND 503 - INFORMATION TECHNOLOGY (IT) AND COMMUNICATIONS

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		

FY 2018-2022 Adopted Capital Improvement Program: Five Year Summary by Fund

	Funding Sources	Project #	PTD Budget	FY 2017/2018 Budget	FY 2018/2019 Budget	FY 2019/2020 Budget	FY 2020/2021 Budget	FY 2021/2022 Budget	Five Year Total	FY 2017/2018 Operating Impact
Roarke Hall	BP/GF	7000GI	1,208,200	-	-	-	-	-	-	-
Welleby Park Expansion	BP/GF	7002PK	15,000	-	-	-	-	-	-	-
Senior Center Expansion	BP/GF	7003GB	60,000	-	-	-	-	-	-	-
Flamingo Park Renovation	BP/GF	7004PK	3,231,115	-	-	-	-	-	-	-
P.I.R./NW 50th Street Athletic Complex	BP/GF	7005PK	5,000	-	-	-	-	-	-	-
Civic Center Expansion	BP/GF	7006GB	4,635,000	-	-	-	-	-	-	-
Veterans Park	BP/GF	7008PK	2,561,595	-	-	-	-	-	-	-
Oscar Wind Park	BP/GF	7009PK	2,900,000	-	-	-	-	-	-	-
Sunset Strip Park at NW 109 Avenue	BP/GF	7012PK	1,024,000	-	-	-	-	-	-	-
Nob Hill Soccer Club Improvements	BP/GF	7014PK	2,500,000	-	-	-	-	-	-	-
Village Beach Club Improvements	BP/GF	7017GI	15,000	-	-	-	-	-	-	-
Capitalized Labor	N/A	CAPLAB	-	306,440	-	-	-	-	306,440	-
Total Appropriations			44,298,902	771,740	51,062,500	360,000	0	0	52,194,240	30,300
NEW PARKS G.O. BOND FUND 326										
Revenues										
Future Bond Proceeds				-	29,609,800	75,000	-	-	29,684,800	
Interest Income				280,000	-	-	-	-	280,000	
From Fund Balance				54,290	-	-	-	-	54,290	
Total Revenues				334,290	29,609,800	75,000	0	0	30,019,090	
Appropriations										
Roarke Hall	BP/GF	7000GI	270,020	-	-	-	-	-	-	-
Welleby Park Expansion	BP/GF	7002PK	6,329,164	-	-	-	-	-	-	31,500
Senior Center Expansion	BP/GF	7003GB	2,292,079	-	-	-	-	-	-	23,000
Flamingo Park Renovation	BP/GF	7004PK	2,317,308	-	-	-	-	-	-	144,500
P.I.R./NW 50th Street Athletic Complex	BP/GF	7005PK	16,476,783	-	-	-	-	-	-	107,700
Civic Center Expansion	BP/GF	7006GB	5,616,820	-	-	-	-	-	-	-
Security Improvements	BP	7007GI	98,600	-	1,900,000	-	-	-	1,900,000	-
Veterans Park	BP/GF	7008PK	1,416,890	-	-	-	-	-	-	-
Oscar Wind Park	BP/GF	7009PK	-	-	9,593,400	-	-	-	9,593,400	-
City Park Improvements	BP/GF	7010PK	720,921	-	4,506,000	-	-	-	4,506,000	-
Sunset Strip Park at NW 109 Avenue	BP/GF	7012PK	190,607	-	-	-	-	-	-	-
Sunrise Athletic Complex (SAC) Park Expansion and Renovation	BP/GF	7013PK	997,129	-	11,760,000	75,000	-	-	11,835,000	-
Nob Hill Soccer Club Improvements	BP/GF	7014PK	364,558	-	-	-	-	-	-	-
Welleby Pool Deck Replacement	BP/GF	7015GI	248,600	-	-	-	-	-	-	-
NW 44th Street Bicycle Lanes	BP/GF	7016GI	2,728,260	-	-	-	-	-	-	-
Village Beach Club Improvements	BP/GF	7017GI	254,255	-	-	-	-	-	-	-
9525 Parcel Improvements	BP	TBD	-	-	1,073,800	-	-	-	1,073,800	-
Bair Middle School Joint Use Park	BP	TBD	-	-	776,600	-	-	-	776,600	-
Capitalized Labor	N/A	CAPLAB	-	334,290	-	-	-	-	334,290	-
Total Appropriations			40,321,994	334,290	29,609,800	75,000	0	0	30,019,090	306,700

FY 2018-2022 Adopted Capital Improvement Program: Five Year Summary by Fund

	Funding Sources	Project #	PTD Budget	FY 2017/2018 Budget	FY 2018/2019 Budget	FY 2019/2020 Budget	FY 2020/2021 Budget	FY 2021/2022 Budget	Five Year Total	FY 2017/2018 Operating Impact
<u>RENEWAL & REPLACEMENT FUND 402</u>										
<u>Revenues</u>										
				-	-	-	-	-	-	-
				-	-	-	-	-	-	-
				264,650	-	-	-	-	264,650	-
			Total Revenues	264,650	0	0	0	0	264,650	
<u>Appropriations</u>										
	R&R	5031PI	4,706,848	-	-	-	-	-	-	-
	R&R	5036WF	8,154,000	-	-	-	-	-	-	-
	R&R	5037PI	865,700	-	-	-	-	-	-	-
	R&R	5037ST	10,448,330	-	-	-	-	-	-	-
	R&R	5043PI	1,983,004	-	-	-	-	-	-	-
	R&R	5045ST	10,767,735	-	-	-	-	-	-	-
	R&R	5048PI	3,039,395	-	-	-	-	-	-	-
	R&R	5056LS	5,066,954	-	-	-	-	-	-	-
	R&R	5068PI	1,197,313	-	-	-	-	-	-	-
	R&R	5070PI	203,980	-	-	-	-	-	-	-
	R&R	5071SG	1,033,962	-	-	-	-	-	-	-
	R&R	5072PI	261,196	-	-	-	-	-	-	-
	R&R	5079PI	3,644,511	-	-	-	-	-	-	-
	R&R	5082PI	4,712,937	-	-	-	-	-	-	-
	R&R	5083SW	4,091,372	-	-	-	-	-	-	-
	R&R	5115SG	147,285	-	-	-	-	-	-	-
	N/A	CAPLAB	-	264,650	-	-	-	-	264,650	-
			Total Appropriations	60,324,522	264,650	0	0	0	264,650	0
<u>WATER/WASTEWATER CONNECTION FEES FUND 403</u>										
<u>Revenues</u>										
				41,790	-	-	-	-	41,790	-
				-	6,000,000	-	-	-	6,000,000	-
			Total Revenues	41,790	6,000,000	0	0	0	6,041,790	
<u>Appropriations</u>										
	CF	5014SY	-	-	6,000,000	-	-	-	6,000,000	-
	CF	5036WF	5,250,000	-	-	-	-	-	-	-
	CF	5074ST	288,350	-	-	-	-	-	-	-
	N/A	CAPLAB	-	41,790	-	-	-	-	41,790	-
			Total Appropriations	5,538,350	41,790	6,000,000	0	0	6,041,790	0
<u>WATER/WASTEWATER AND GAS SERIES 96A CONSTRUCTION FUND 406</u>										
<u>Revenues</u>										
				-	-	-	-	-	-	-
			Total Revenues	0	0	0	0	0	0	
<u>Appropriations</u>										
	BP	5110SG	143,464	-	-	-	-	-	-	-
			Total Appropriations	143,464	0	0	0	0	0	0

FY 2018-2022 Adopted Capital Improvement Program: Five Year Summary by Fund

	Funding Sources	Project #	PTD Budget	FY 2017/2018 Budget	FY 2018/2019 Budget	FY 2019/2020 Budget	FY 2020/2021 Budget	FY 2021/2022 Budget	Five Year Total	FY 2017/2018 Operating Impact
UTILITIES SERIES 2010 CONSTRUCTION FUND 408										
Revenues										
				17,760	-	-	-	-	17,760	
				10,100	-	-	-	-	10,100	
			Total Revenues	27,860	0	0	0	0	27,860	
Appropriations										
	BP	5009WF	4,873,661	-	-	-	-	-	-	-
	BP	5017SG	3,013,443	-	-	-	-	-	-	-
	BP	5031PI	1,067,248	-	-	-	-	-	-	-
	BP	5036WF	1,804,787	-	-	-	-	-	-	-
	BP	5045ST	340,060	-	-	-	-	-	-	-
	BP	5048PI	186,030	-	-	-	-	-	-	-
	BP	5056LS	148,612	-	-	-	-	-	-	-
	BP	5068PI	71,785	-	-	-	-	-	-	-
	BP	5070PI	22,578	-	-	-	-	-	-	-
	BP	5071SG	324,180	-	-	-	-	-	-	-
	BP	5074ST	607,714	-	-	-	-	-	-	-
	BP	5079PI	817,712	-	-	-	-	-	-	-
	BP	5082PI	1,483,223	-	-	-	-	-	-	-
	BP	5083SW	180,286	-	-	-	-	-	-	-
	BP	5110SG	44,983	-	-	-	-	-	-	-
	N/A	CAPLAB	-	27,860	-	-	-	-	27,860	-
			Total Appropriations	14,986,302	27,860	0	0	0	27,860	0
STORMWATER UTILITY FUND 444										
Revenues										
				947,500	400,000	400,000	400,000	400,000	2,547,500	
			Total Revenues	947,500	400,000	400,000	400,000	400,000	2,547,500	
Appropriations										
	SW	6305	5,013,920	-	-	-	-	-	-	-
	SW	6317	313,134	-	-	-	-	-	-	-
	SW	6324	495,602	-	-	-	-	-	-	-
	SW	6325	283,000	-	-	-	-	-	-	-
	SW	6326	-	400,000	400,000	400,000	400,000	400,000	2,000,000	-
	SW	6327	-	450,000	-	-	-	-	450,000	-
	N/A	CAPLAB	-	97,500	-	-	-	-	97,500	-
			Total Appropriations	6,105,656	947,500	400,000	400,000	400,000	2,547,500	0

FY 2018-2022 Adopted Capital Improvement Program: Five Year Summary by Fund

	Funding Sources	Project #	PTD Budget	FY 2017/2018 Budget	FY 2018/2019 Budget	FY 2019/2020 Budget	FY 2020/2021 Budget	FY 2021/2022 Budget	Five Year Total	FY 2017/2018 Operating Impact
WATER/WASTEWATER/REUSE CAPITAL PROJECTS FUND 465										
Revenues										
				24,541,270	63,995,920	42,111,400	18,667,000	11,551,000	160,866,590	
			Total Revenues	24,541,270	63,995,920	42,111,400	18,667,000	11,551,000	160,866,590	
Appropriations										
Springtree Biscayne Test Wells/Wellheads Replacement	SR	5009WF	2,979,050	-	-	-	-	-	-	-
C-51 Reservoir Project	SR	5014SY	-	-	19,450,000	-	-	-	19,450,000	-
Sawgrass 4MGD Reuse Treatment Plant Expansion Phase I	SR	5017SG	19,307,794	-	-	-	-	-	-	-
Escape and Valencia Water Main Replacement	SR	5031PI	1,300,196	-	-	-	-	-	-	-
Wastewater Pipeline Flow Capacity Improvements	SR	5037PI	4,753,900	2,856,550	1,067,420	2,641,400	3,425,000	3,425,000	13,415,370	-
Wastewater Sys Rehab-Lateral & Manhole Imprvmt-SSES for I/I	SR	5043PI	900,000	900,000	900,000	900,000	900,000	900,000	4,500,000	-
System-Wide Lift Station Improvement Program	SR	5056LS	3,976,000	1,826,000	3,976,000	3,976,000	3,976,000	3,976,000	17,730,000	-
Pine Island Road 12" Water Main Replacement	SR	5068PI	55,000	-	-	-	-	-	-	-
Hiatus Road Water Main and Force Main Adjustments	SR	5070PI	552,900	-	-	-	-	-	-	-
Water System Improvement Projects	SR	5072PI	1,846,430	1,770,000	3,250,000	3,250,000	3,250,000	3,250,000	14,770,000	-
Sawgrass WWTP Biosolids Stabilization	SR	5073SG	4,315	-	900,000	9,000,000	-	-	9,900,000	-
Springtree WWTP Biosolids Stabilization	SR	5074ST	10,050,028	-	-	-	-	-	-	-
East Sunrise Water Main Replacement	SR	5079PI	3,800,000	-	-	-	-	-	-	-
30" Water Main Replacement NW 44th St and Pine Island Rd	SR	5082PI	215,000	-	-	-	-	-	-	-
Southwest Water Treatment Plant Improvements	SR	5083SW	8,562,000	-	-	-	-	-	-	-
Southwest WTP Improvements - Ion Exchange	SR	5084SW	5,673,855	-	-	-	-	-	-	-
Reuse Distribution System - SICP & Markham Park (Ph III)	SR	5095PI	495,896	-	200,000	9,660,000	-	-	9,860,000	-
Reuse Distribution Sys-SICP, Sawgrass Mills & Artesia (Ph II)	SR	5096PI	13,183,450	-	-	-	-	-	-	-
SGF-1 ASR Conversion	SR	5098RW	6,191,582	-	-	-	-	-	-	-
Sawgrass Water Treatment Plant Membrane Replacement	SR	5110SG	5,377,995	-	-	-	-	-	-	-
Springtree Wastewater Headworks Improvements	SR	5114ST	1,262,064	10,050,000	-	-	-	-	10,050,000	-
Water Treatment Plant Guardhouses	SR	5116SY	633,432	-	-	-	-	-	-	900
Utility Administration Building Fire Alarm Panel Upgrade	SR	5118SY	61,000	-	-	-	-	-	-	-
Sawgrass WTP Ion Exchange	SR	5120SG	9,928,955	-	-	-	-	-	-	-
4360 Springtree Drive Site Improvements	SR	5121ST	316,000	-	-	-	-	-	-	-
Springtree WWTP Storage & Equipment Building	SR	5122ST	440,000	2,570,000	-	-	-	-	2,570,000	-
Sawgrass WTP & Springtree WTP Security Improvements	SR	5123SY	1,050,000	-	-	-	-	-	-	-
Sawgrass WWTP Train A Secondary Treatment	SR	5124SG	-	1,480,000	19,557,000	-	-	-	21,037,000	-
Southwest WTP Well Replacement	SR	5125SW	-	413,000	1,782,000	-	-	-	2,195,000	-
Bonaventure Service Line Replacements	SR	5126SY	-	630,000	4,830,000	-	-	-	5,460,000	-
SW 121st Avenue Water Main Replacement	SR	5127PI	-	950,000	4,750,000	-	-	-	5,700,000	-
Sawgrass Fuel Station Rehabilitation	SR	5128SG	-	845,000	-	-	-	-	845,000	-
Landscaping & Irrigation Improvements at Treatment Plants	SR	TBD	-	-	472,500	385,000	-	-	857,500	-
Sawgrass Facility Equipment Maintenance Building	SR	TBD	-	-	-	1,397,000	5,100,000	-	6,497,000	-
Springtree Ion Exchange Process	SR	TBD	-	-	2,430,000	10,080,000	-	-	12,510,000	-
Springtree WTP Biscayne Aquifer Wells 2, 7 & 8 Replacement	SR	TBD	-	-	-	486,000	2,016,000	-	2,502,000	-
Springtree WTP VFD Replacement - HSP "B"	SR	TBD	-	-	81,000	336,000	-	-	417,000	-
Water System - Wide Zoning Metering	SR	TBD	-	-	350,000	-	-	-	350,000	-
Capitalized Labor	N/A	CAPLAB	-	250,720	-	-	-	-	250,720	-
			Total Appropriations	102,916,842	24,541,270	63,995,920	42,111,400	18,667,000	160,866,590	900

FY 2018-2022 Adopted Capital Improvement Program: Five Year Summary by Fund


	Funding Sources	Project #	PTD Budget	FY 2017/2018 Budget	FY 2018/2019 Budget	FY 2019/2020 Budget	FY 2020/2021 Budget	FY 2021/2022 Budget	Five Year Total	FY 2017/2018 Operating Impact
<u>GAS CAPITAL PROJECTS FUND 475</u>										
<u>Revenues</u>										
				350,000	-	-	-	-	350,000	
				350,000	0	0	0	0	350,000	
<u>Appropriations</u>										
	GC	276	80,507	-	-	-	-	-	-	-
	GC	309	206,000	-	-	-	-	-	-	500
	GC	310	6,567,880	-	-	-	-	-	-	-
	GC	312	60,000	-	-	-	-	-	-	100
	GC	319	210,396	-	-	-	-	-	-	-
	GC	320	150,000	-	-	-	-	-	-	500
	GC	777	100,190	350,000	-	-	-	-	350,000	-
			7,374,973	350,000	0	0	0	0	350,000	1,100
<u>FLEET MANAGEMENT FUND 502</u>										
<u>Revenues</u>										
				160,000	-	-	-	-	160,000	
				85,000	-	-	-	-	85,000	
				245,000	0	0	0	0	245,000	
<u>Appropriations</u>										
	MULTIPLE	6492	-	245,000	-	-	-	-	245,000	-
			0	245,000	0	0	0	0	245,000	0
<u>IT & COMMUNICATIONS FUND 503</u>										
<u>Revenues</u>										
				-	-	-	-	-	-	-
				0	0	0	0	0	0	0
<u>Appropriations</u>										
	MULTIPLE	IT0001	4,300,000	-	-	-	-	-	-	-
			4,300,000	0	0	0	0	0	0	0

FY 2018-2022 Adopted Capital Improvement Program: Five Year Summary by Fund

	FY 2017/2018 Budget	FY 2018/2019 Budget	FY 2019/2020 Budget	FY 2020/2021 Budget	FY 2021/2022 Budget	Five Year Total
REVENUE SUMMARY BY FUND						
<i>Capital Improvements Fund 325</i>	771,740	51,062,500	360,000	-	-	52,194,240
<i>New Parks G.O. Bond Fund 326</i>	334,290	29,609,800	75,000	-	-	30,019,090
<i>Renewal & Replacement Fund 402</i>	264,650	-	-	-	-	264,650
<i>Water/Wastewater Connection Fees Fund 403</i>	41,790	6,000,000	-	-	-	6,041,790
<i>Utilities Series 2010 Construction Fund 408</i>	27,860	-	-	-	-	27,860
<i>Stormwater Utility Fund 444</i>	947,500	400,000	400,000	400,000	400,000	2,547,500
<i>Water/Wastewater/Reuse Capital Projects Fund 465</i>	24,541,270	63,995,920	42,111,400	18,667,000	11,551,000	160,866,590
<i>Gas Capital Projects Fund 475</i>	350,000	-	-	-	-	350,000
<i>Fleet Management Fund 502</i>	245,000	-	-	-	-	245,000
	<u>\$27,524,100</u>	<u>\$151,068,220</u>	<u>\$42,946,400</u>	<u>\$19,067,000</u>	<u>\$11,951,000</u>	<u>\$252,556,720</u>
APPROPRIATIONS SUMMARY BY FUND						
<i>Capital Improvements Fund 325</i>	771,740	51,062,500	360,000	-	-	52,194,240
<i>New Parks G.O. Bond Fund 326</i>	334,290	29,609,800	75,000	-	-	30,019,090
<i>Renewal & Replacement Fund 402</i>	264,650	-	-	-	-	264,650
<i>Water/Wastewater Connection Fees Fund 403</i>	41,790	6,000,000	-	-	-	6,041,790
<i>Utilities Series 2010 Construction Fund 408</i>	27,860	-	-	-	-	27,860
<i>Stormwater Utility Fund 444</i>	947,500	400,000	400,000	400,000	400,000	2,547,500
<i>Water/Wastewater/Reuse Capital Projects Fund 465</i>	24,541,270	63,995,920	42,111,400	18,667,000	11,551,000	160,866,590
<i>Gas Capital Projects Fund 475</i>	350,000	-	-	-	-	350,000
<i>Fleet Management Fund 502</i>	245,000	-	-	-	-	245,000
	<u>\$27,524,100</u>	<u>\$151,068,220</u>	<u>\$42,946,400</u>	<u>\$19,067,000</u>	<u>\$11,951,000</u>	<u>\$252,556,720</u>



FLAMINGO ROAD POWERLINE RELOCATION

PROJECT NUMBER:	6485					
LOCATION:	Sunrise Boulevard to Panther Parkway					
STATUS:	In Progress - Design					
DEPARTMENT:	Public Works					
PROJECT MANAGER:	Bob Romeo					
START DATE:	5/2016					
COMPLETION DATE:	12/2018					
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	FY18	FY19	FY20	FY21	FY22	5-Year Total
Fund 309						\$ -
						\$ -
						\$ -
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	6,433	1,473,567			
			-			
			-			
TOTAL	\$ 1,480,000	\$ 6,433	\$ 1,473,567			



MUNICIPAL CAMPUS EXPANSION



PROJECT NUMBER:	6207
LOCATION:	Municipal Campus
STATUS:	New Project
DEPARTMENT:	City Wide
PROJECT MANAGER:	Bob Romeo
START DATE:	3/2017
COMPLETION DATE:	9/2021
ESTIMATED PROJECT COST:	\$ 65,232,728

DESCRIPTION/JUSTIFICATION

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 100,000 square foot facility with an 800 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 addition of a family aquatic center adjacent to the 50 meter pool, expansion of the amphitheater stage and bowl, construction of a roof canopy - potentially solar - over the amphitheater stage and bowl, addition of public restrooms, and a green room for the amphitheater. The project will also include an investigation of seating in the Civic Center Theater to determine whether additional seating can be added within the existing building shell.

**Sustainability considerations 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.

FUNDING SOURCES

FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	5-Year Total
Future Bond Proceeds		48,722,500				\$ 48,722,500
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 48,722,500

PROJECT COMPONENTS

506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs		2,222,500				\$ 2,222,500
506510 - Construction		46,500,000				\$ 46,500,000
TOTAL	\$ -	\$ 48,722,500	\$ -	\$ -	\$ -	\$ 48,722,500

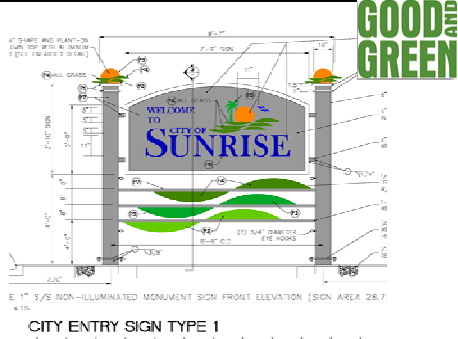
ESTIMATED ANNUAL OPERATING IMPACT

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	16,510,228	627,771	15,882,457
			-
			-
TOTAL	\$ 16,510,228	\$ 627,771	\$ 15,882,457

ENTRY SIGNS

PROJECT NUMBER:	6274	
LOCATION:	Citywide - Various Locations	
STATUS:	In Progress - Construction	
DEPARTMENT:	Public Works	
PROJECT MANAGER:	Dave Abderhalden	
START DATE:	1/2011	
COMPLETION DATE:	12/2017	
ESTIMATED PROJECT COST:	\$ 672,483	

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

FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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	672,483	427,883	244,600
			-
			-
TOTAL	\$ 672,483	\$ 427,883	\$ 244,600

HIATUS ROAD PRIVACY WALL



PROJECT NUMBER:	6287
LOCATION:	Oakland Pk Blvd south to City limits
STATUS:	In Progress - Construction
DEPARTMENT:	Public Works
PROJECT MANAGER:	Dave Abderhalden
START DATE:	8/2014
COMPLETION DATE:	11/2017
ESTIMATED PROJECT COST:	\$ 691,230



DESCRIPTION/JUSTIFICATION
<p>This project will construct approximately one mile of new 10 foot high precast concrete privacy wall on the eastern side of the Hiatus Road Extension Project between Sunrise Boulevard and Oakland Park Boulevard. This project is in cooperation with Broward County, which is responsible for the design and construction management of the Hiatus Road Extension Project. Through a Joint Project Agreement between the City and Broward County, the City is responsible for 25% of the cost of the privacy wall and will be responsible for maintaining the western side of the privacy wall along the new roadway.</p> <p>**Sustainability benefits include enhanced management of vehicular light and noise pollution. The wall may be enhanced by Florida Friendly Landscaping.</p>

FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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	691,230	198,643	492,587
			-
			-
TOTAL	\$ 691,230	\$ 198,643	\$ 492,587

SUNRISE BLVD & NW 136TH AVE STREETScape IMPROVEMENTS



PROJECT NUMBER:	6450	
LOCATION:	NW 136 Ave, Sunrise Blvd to SR 84	
STATUS:	New Project	
DEPARTMENT:	Public Works	
PROJECT MANAGER:	Dave Abderhalden	
START DATE:	10/2018	
COMPLETION DATE:	4/2021	
ESTIMATED PROJECT COST:	\$ 1,360,000	

DESCRIPTION/JUSTIFICATION

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.

**Sustainable design elements will 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.

FUNDING SOURCES

FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	5-Year Total
Fund 325		760,000				\$ 760,000
Develop. Contributions		600,000				\$ 600,000
						\$ -
TOTAL	\$ -	\$ 1,360,000	\$ -	\$ -	\$ -	\$ 1,360,000

PROJECT COMPONENTS

506100 - Land Purchase						\$ -
506502 - Const. Design		150,000				\$ 150,000
506505 - Const. Othr. Costs						\$ -
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:	6453	
LOCATION:	Sunrise Lakes Blvd & Sunrise Lakes Dr.	
STATUS:	In Progress - Construction	
DEPARTMENT:	Leisure Services	
PROJECT MANAGER:	Dave Abderhalden	
START DATE:	11/2011	
COMPLETION DATE:	6/2018	
ESTIMATED PROJECT COST:	\$ 1,272,235	

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 design features 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 structures and grounds.

FUNDING SOURCES

FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

PROJECT COMPONENTS

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

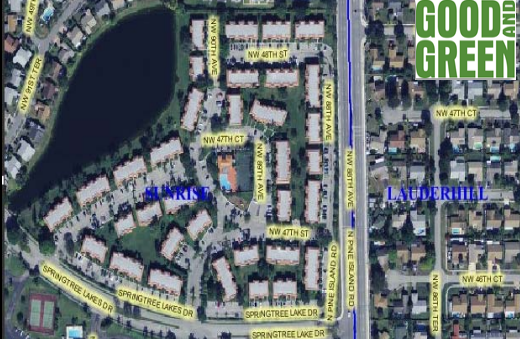
ESTIMATED ANNUAL OPERATING IMPACT

Personnel						\$ -
Operating	15,800	24,900	26,100	27,400	26,800	\$ 121,000
Capital Outlay						\$ -
TOTAL	\$ 15,800	\$ 24,900	\$ 26,100	\$ 27,400	\$ 26,800	\$ 121,000

HISTORICAL PROJECT-TO-DATE

FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
Fund 325	1,272,235	817,121	455,114
			-
			-
TOTAL	\$ 1,272,235	\$ 817,121	\$ 455,114

SUNBLEST SOUND WALL

PROJECT NUMBER:	6472	
LOCATION:	4600 to 4700 Block of Pine Island Road	
STATUS:	In Progress - Construction	
DEPARTMENT:	Utilities	
PROJECT MANAGER:	Dave Abderhalden	
START DATE:	6/2014	
COMPLETION DATE:	11/2017	
ESTIMATED PROJECT COST:	\$ 446,149	

DESCRIPTION/JUSTIFICATION
<p>This project includes the design, construction & inspection of approximately 915 linear feet of 8' high precast concrete sound wall adjacent to Pine Island Road within the property of the Sunblest HOA Community. The City has entered into a Joint Project Agreement (JPA) for funding purposes with Broward County. The JPA identifies that the County will reimburse the City for 50% of the design, construction and inspection of the sound wall. The improvements will be made on private property and will be turned over to the Sunblest Home Owners Association upon final completion.</p> <p>**Sustainability benefits include the mitigation of vehicular light and noise pollution reduction, and may include future Florida Friendly Landscaping enhancements.</p>

FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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	446,149	64,090	382,059
			-
			-
TOTAL	\$ 446,149	\$ 64,090	\$ 382,059

NW 44TH STREET BICYCLE LANES



PROJECT NUMBER:	6473
LOCATION:	Pine Island Rd to SAC Park
STATUS:	In Progress - Construction
DEPARTMENT:	Leisure Services
PROJECT MANAGER:	Meghan Kaufold
START DATE:	7/2014
COMPLETION DATE:	3/2018
ESTIMATED PROJECT COST:	\$ 537,870



DESCRIPTION/JUSTIFICATION

This project includes the design, construction and construction inspection of a five-foot wide bicycle lane, with a two-foot buffer, within the existing swale areas along both sides of NW 44th Street from Pine Island Road west to the Sunrise Athletic Complex located at 11501 NW 44th Street, and construction of a westbound right turn lane at Nob Hill Road. The existing eastbound and westbound travel lanes will be reduced to ten-feet in width. The bike lane portion of the project is approved to be reimbursed by an FDOT Grant in the amount of \$1,141,268. The construction for the westbound right turn lane is estimated to be \$125,000. The signage and striping improvements will be maintained by Broward County, per the interlocal agreement.

**Sustainability benefits include enhancing transportation options to include non-motorized alternatives and the associated public health, safety, and carbon reduction benefits.

This project partially funded in General Obligation Bonds Fund 326, Project #7016GI.

FUNDING SOURCES

FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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	537,870	285,906	251,964
			-
			-
TOTAL	\$ 537,870	\$ 285,906	\$ 251,964

W. SUNRISE TOD INFRASTRUCTURE IMPROVEMENTS

PROJECT NUMBER:	6474	
LOCATION:	Sawgrass Mills Mall	
STATUS:	In Progress - Design	
DEPARTMENT:	Public Works	
PROJECT MANAGER:	Bob Romeo	
START DATE:	7/2016	
COMPLETION DATE:	TBD	
ESTIMATED PROJECT COST:	\$ 264,133	

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, 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 first phase of the project would develop a master plan in order to prepare the specific scope and future phasing for these improvements. It is intended that the City's consultant and staff attend meetings with the Developer and Community Development to develop the basis of design. A full design budget will be developed and presented to the City Commission at a future date.

**Sustainable design elements may 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.

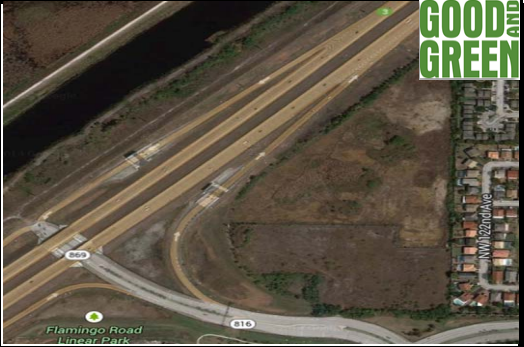
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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	264,133	13,959	250,174
			-
			-
TOTAL	\$ 264,133	\$ 13,959	\$ 250,174

25.5 WETLANDS REMEDIATION

PROJECT NUMBER:	6475					
LOCATION:	Oakland Park Blvd. & Sawgrass Expy					
STATUS:	In Progress - Construction					
DEPARTMENT:	Public Works					
PROJECT MANAGER:	Dave Abderhalden					
START DATE:	12/2015					
COMPLETION DATE:	11/2017					
ESTIMATED PROJECT COST:	\$ 939,140					
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). 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 design 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 - Ongoing control of non-native invasive species in the wetlands.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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	14,500	15,500	16,000	16,500	17,000	\$ 79,500
Capital Outlay						\$ -
TOTAL	\$ 14,500	\$ 15,500	\$ 16,000	\$ 16,500	\$ 17,000	\$ 79,500
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 325	939,140	48,111	891,029			
			-			
			-			
TOTAL	\$ 939,140	\$ 48,111	\$ 891,029			

PUBLIC SAFETY BUILDING COMMUNITY ROOM EXPANSION



PROJECT NUMBER:	6477	
LOCATION:	10440 W. Oakland Park Blvd	
STATUS:	Completed	
DEPARTMENT:	Police	
PROJECT MANAGER:	Earl Prizlee	
START DATE:	4/2015	
COMPLETION DATE:	10/2017	
ESTIMATED PROJECT COST:	\$ 1,078,396	

DESCRIPTION/JUSTIFICATION
<p>This project provides for the design and construction of an additional 812 square feet of space to expand the existing Community Meeting Room on the first floor of the Public Safety Building. The larger Community Meeting Room is needed in order to accommodate additional capacity for public meetings. In addition, the project includes rehabilitation of the adjacent fountains.</p> <p>**Sustainable design considerations will include the evaluation of energy efficient, water conserving and other green building best practices.</p>

FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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	1,078,396	470,633	607,763
			-
			-
TOTAL	\$ 1,078,396	\$ 470,633	\$ 607,763

COMMERCIAL BLVD LANDSCAPE AND IRRIGATION IMPROVEMENTS



PROJECT NUMBER:	6480	
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
<p>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.</p> <p>** Sustainable design elements include Florida Friendly Landscaping, and sustainable community benefits include enhancing our business district.</p>

FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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

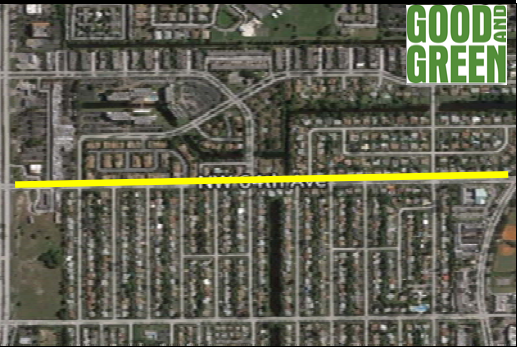
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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

NW 64TH AVENUE COMPLETE STREET



PROJECT NUMBER:	6482
LOCATION:	Sunset Strip to W. Oakland Park Blvd
STATUS:	In Progress - Construction
DEPARTMENT:	Leisure Services
PROJECT MANAGER:	Meghan Kaufold
START DATE:	3/2016
COMPLETION DATE:	9/2018
ESTIMATED PROJECT COST:	\$ 2,647,951



DESCRIPTION/JUSTIFICATION

This project will expand on the "Complete Street" project in the Village area of Sunset Strip north to Oakland Park Boulevard along NW 64th 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, new eight foot wide sidewalks with ADA connections at intersections, decorative crosswalks, decorative pedestrian lighting, landscaping improvements and drainage improvements. The City is receiving an FDOT Grant to reimburse for portions of this project in the amount of \$927,540.

**Sustainable design elements include Florida Friendly Landscaping, enhanced pedestrian and bicycle safety, and LED lighting. Sustainable community benefits include traffic calming to enhance neighborhood quality and sense of place. Complete Streets have been shown to support local business vibrancy. Environmental benefits include potential carbon emission reductions, and water and habitat benefits from environmentally responsible landscaping.

FUNDING SOURCES

FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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	2,647,951	224,106	2,423,845
			-
			-
TOTAL	\$ 2,647,951	\$ 224,106	\$ 2,423,845

HIATUS ROAD PRIVACY WALL FENCE CONNECTIONS

PROJECT NUMBER:	6486					
LOCATION:	Various					
STATUS:	New Project					
DEPARTMENT:	Public Works					
PROJECT MANAGER:	Dave Abderhalden					
START DATE:	9/2017					
COMPLETION DATE:	6/2018					
ESTIMATED PROJECT COST:	\$ 150,000					
DESCRIPTION/JUSTIFICATION						
<p>This project proposes to extend existing wood shadow box fencing from individual homeowner properties to the new concrete sound wall on Hiatus Road between Oakland Park Boulevard and Sunrise Boulevard. The fence will be turned over to the individual property owners upon completion of the project.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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	150,000	-	150,000			
			-			
			-			
TOTAL	\$ 150,000	\$ -	\$ 150,000			

SUNRISE COMMERCE PARK ENTRY FEATURES

PROJECT NUMBER:	6487					
LOCATION:	Hiatus Rd/NW 50th St/Nob Hill Rd					
STATUS:	In Progress - Design					
DEPARTMENT:	Public Works					
PROJECT MANAGER:	TBD					
START DATE:	8/2017					
COMPLETION DATE:	1/2020					
ESTIMATED PROJECT COST:	\$ 25,308					
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	FY18	FY19	FY20	FY21	FY22	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	25,308	308	25,000			
			-			
			-			
TOTAL	\$ 25,308	\$ 308	\$ 25,000			

SUNSET STRIP BICYCLE LANES



PROJECT NUMBER:	6488	
LOCATION:	NW 109th Ave to Nob Hill Road	
STATUS:	In Progress - Design	
DEPARTMENT:	Public Works	
PROJECT MANAGER:	Meghan Kaufold	
START DATE:	3/2017	
COMPLETION DATE:	4/2019	
ESTIMATED PROJECT COST:	\$ 485,300	

DESCRIPTION/JUSTIFICATION

This project proposes to 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 \$280,967 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.

** This project promotes sustainability by encouraging the use of zero emission transportation. Sustainability benefits include enhanced neighborhood quality and safety.


FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	5-Year Total
Fund 325	164,333					\$ 164,333
FDOT Grant	280,967					\$ 280,967
						\$ -
TOTAL	\$ 445,300	\$ -	\$ -	\$ -	\$ -	\$ 445,300

PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction	445,300					\$ 445,300
TOTAL	\$ 445,300	\$ -	\$ -	\$ -	\$ -	\$ 445,300


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	40,000	-	40,000
			-
			-
TOTAL	\$ 40,000	\$ -	\$ 40,000


FIRE STATION 92 FIRE ALERTING SYSTEM REPLACEMENT

PROJECT NUMBER:	6489					
LOCATION:	Fire Stations					
STATUS:	In Progress - Design					
DEPARTMENT:	Fire					
PROJECT MANAGER:	Bob Romeo					
START DATE:	10/2016					
COMPLETION DATE:	11/2018					
ESTIMATED PROJECT COST:	\$ 285,000					
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	FY18	FY19	FY20	FY21	FY22	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	285,000		285,000			
			-			
			-			
TOTAL	\$ 285,000	\$ -	\$ 285,000			


FIRE STATION BAY DOOR REPLACEMENT

PROJECT NUMBER:	6490					
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:	10/2019					
ESTIMATED PROJECT COST:	\$ 795,000					
DESCRIPTION/JUSTIFICATION						
<p>This project includes new apparatus bay doors at the front of Fire Stations 39, 59, 83, and 92. The project will replace the current roll-up type bay doors with new accordion type bay doors. The new accordion type bay doors open faster than the roll-up type bay doors and are rated to withstand hurricane force winds.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	5-Year Total
Fund 325		795,000				\$ 795,000
						\$ -
						\$ -
TOTAL	\$ -	\$ 795,000	\$ -	\$ -	\$ -	\$ 795,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design		35,000				\$ 35,000
506505 - Const. Othr. Costs						\$ -
506510 - Construction		760,000				\$ 760,000
TOTAL	\$ -	\$ 795,000	\$ -	\$ -	\$ -	\$ 795,000
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 TRAFFIC CIRCLE ENHANCEMENTS


PROJECT NUMBER:	6491					
LOCATION:	Sunset Strip at NW 64 Ave. & 19 St.					
STATUS:	New Project					
DEPARTMENT:	Public Works					
PROJECT MANAGER:	Meghan Kaufold					
START DATE:	1/2018					
COMPLETION DATE:	9/2019					
ESTIMATED PROJECT COST:	\$ 170,000					
DESCRIPTION/JUSTIFICATION						
<p>The Florida Department of Transportation (FDOT) is designing and constructing new bicycle lanes and traffic circles on Sunset Strip from Sunrise Boulevard to Nob Hill Road. The traffic circles will be located at NW 64th Avenue and NW 19th Street. FDOT will only install pavers or a similar type of surface in the center, non-vehicular area of the circles. The project proposes to enhance these areas with landscaping, irrigation, public art, and lighting.</p> <p>Annual Operating Impact includes a water, electricity, and lawn maintenance.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	5-Year Total
Fund 325	20,000	150,000				\$ 170,000
						\$ -
						\$ -
TOTAL	\$ 20,000	\$ 150,000	\$ -	\$ -	\$ -	\$ 170,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design	20,000					\$ 20,000
506505 - Const. Othr. Costs						\$ -
506510 - Construction		150,000				\$ 150,000
TOTAL	\$ 20,000	\$ 150,000	\$ -	\$ -	\$ -	\$ 170,000
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating		100	1,200	1,225	1,250	\$ 3,775
Capital Outlay						\$ -
TOTAL	\$ -	\$ 100	\$ 1,200	\$ 1,225	\$ 1,250	\$ 3,775
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
						-
						-
						-
TOTAL	\$ -	\$ -	\$ -			

OLD POST OFFICE BUILDING

PROJECT NUMBER:	TBD					
LOCATION:	2240 NW 68th Avenue					
STATUS:	New Project					
DEPARTMENT:	Leisure Services					
PROJECT MANAGER:	Bob Romeo					
START DATE:	1/2019					
COMPLETION DATE:	5/2021					
ESTIMATED PROJECT COST:	\$ 395,000					
DESCRIPTION/JUSTIFICATION						
<p>This project would allow for the conversion of the old Village Post Office building to a public use facility. The work includes bringing the facility up to current building codes. The final use of the building is yet to be determined.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	5-Year Total
Fund 325		35,000	360,000			\$ 395,000
						\$ -
						\$ -
TOTAL	\$ -	\$ 35,000	\$ 360,000	\$ -	\$ -	\$ 395,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design		35,000				\$ 35,000
506505 - Const. Othr. Costs			10,000			\$ 10,000
506510 - Construction			350,000			\$ 350,000
TOTAL	\$ -	\$ 35,000	\$ 360,000	\$ -	\$ -	\$ 395,000
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	\$ -	\$ -	\$ -			



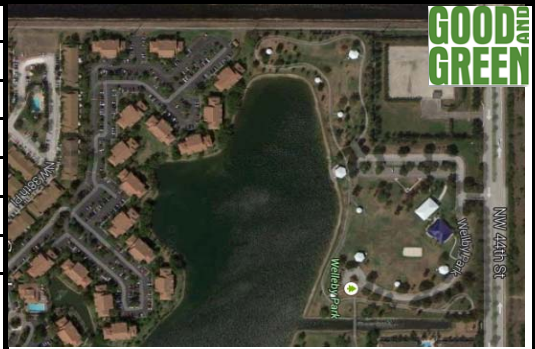
ROARKE HALL

PROJECT NUMBER:	7000GI					
LOCATION:	1720 NW 60th Avenue					
STATUS:	In Progress - Design					
DEPARTMENT:	Leisure Services					
PROJECT MANAGER:	Meghan Kaufold					
START DATE:	4/2017					
COMPLETION DATE:	4/2019					
ESTIMATED PROJECT COST:	\$ 1,478,220					
DESCRIPTION/JUSTIFICATION						
<p>This project will resurface the existing pool, construct a 2,500 square foot splash pad. Work includes adding additional parking spaces, renovation of the restrooms and interior floor surfaces, replacement of the air conditioning system, replacement of the roof, installation of impact resistant windows for clearstory glazing, and landscaping improvements and security improvements.</p> <p>Annual operating expenses include: A Facility Attendant position, utilities, maintenance of the building and grounds, as well as future capital outlay expenses.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	5-Year Total
	-	-				\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel		23,600	48,400	49,600	50,800	\$ 172,400
Operating		12,000	18,100	31,600	33,200	\$ 94,900
Capital Outlay					9,000	\$ 9,000
TOTAL	\$ -	\$ 35,600	\$ 66,500	\$ 81,200	\$ 93,000	\$ 276,300
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals		Project-to-Date (PTD) Balance		
Fund 326	270,020	1,220		268,800		
Fund 325	1,208,200	-		1,208,200		
				-		
TOTAL	\$ 1,478,220	\$ 1,220		\$ 1,477,000		

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:	8/2018
ESTIMATED PROJECT COST:	\$ 6,344,164



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" next to the new Splash Pad, and construction of a pier along the water's edge.

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

Annual operating expenses include: A Facility Attendant position, utilities, maintenance of the building and grounds, as well as future capital outlay expenses.

FUNDING SOURCES

FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	5-Year Total
		-				\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

PROJECT COMPONENTS

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

ESTIMATED ANNUAL OPERATING IMPACT

Personnel	31,500	48,400	49,600	50,800	52,100	\$ 232,400
Operating		58,700	73,900	77,600	81,500	\$ 291,700
Capital Outlay		8,000				\$ 8,000
TOTAL	\$ 31,500	\$ 115,100	\$ 123,500	\$ 128,400	\$ 133,600	\$ 532,100

HISTORICAL PROJECT-TO-DATE

FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
Fund 326	6,329,164	1,367,689	4,961,475
Fund 325	15,000	-	15,000
			-
TOTAL	\$ 6,344,164	\$ 1,367,689	\$ 4,976,475

SENIOR CENTER EXPANSION



PROJECT NUMBER:	7003GB
LOCATION:	10650 W. Oakland Park Boulevard
STATUS:	In Progress - Construction
DEPARTMENT:	Leisure Services
PROJECT MANAGER:	Bob Romeo
START DATE:	5/2015
COMPLETION DATE:	6/2018
ESTIMATED PROJECT COST:	\$ 2,352,079

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. Security improvements will be included and costs will be determined during design.

**Sustainable elements in this project include new LED interior lighting, low VOC paints, improved insulation, and reflective roofing.

Annual operating expenses include: A Facility Attendant position, utilities, maintenance of the building and grounds, as well as future capital outlay expenses.

FUNDING SOURCES

FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	5-Year Total
		-				\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

PROJECT COMPONENTS

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

ESTIMATED ANNUAL OPERATING IMPACT

Personnel	8,200	16,700	17,100	17,600	18,000	\$ 77,600
Operating	6,800	17,100	18,000	18,900	19,800	\$ 80,600
Capital Outlay	8,000					\$ 8,000
TOTAL	\$ 23,000	\$ 33,800	\$ 35,100	\$ 36,500	\$ 37,800	\$ 166,200

HISTORICAL PROJECT-TO-DATE

FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
Fund 326	2,292,079	366,085	1,925,994
Fund 325	60,000	-	60,000
			-
TOTAL	\$ 2,352,079	\$ 366,085	\$ 1,985,994

FLAMINGO PARK RENOVATION



PROJECT NUMBER:	7004PK
LOCATION:	12855 NW 8th Street
STATUS:	In Progress - Construction
DEPARTMENT:	Leisure Services
PROJECT MANAGER:	Earl Prizlee
START DATE:	5/2015
COMPLETION DATE:	7/2018
ESTIMATED PROJECT COST:	\$ 5,548,423

DESCRIPTION/JUSTIFICATION

This project will renovate and add amenities to the existing park. Work includes the demolition of the existing meeting hall, construction of a new 5,088 square foot meeting hall, three new covered basketball courts (replacing the two existing courts), drainage improvements to the soccer/football field, a splash pad, addition of 10 exercise equipment pieces located at 5 fitness stations around the existing walking trail and the addition of a second batting cage. Security improvements will be included and costs will be determined during design.

**Sustainable elements in this park include LED lighting, low VOC paints, high R-value insulation, and drinking fountains with a water bottle filling spout.

Annual operating expenses include: A Pool Mechanic position, utilities, maintenance of the building and grounds, as well as future capital outlay expenses.

FUNDING SOURCES

FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	5-Year Total
		-				\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

PROJECT COMPONENTS

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

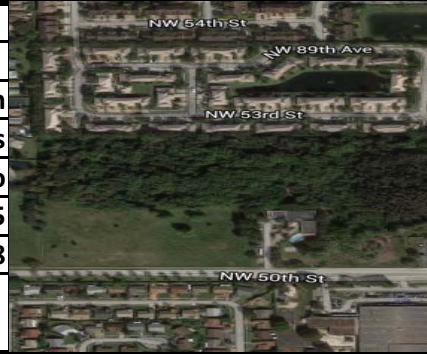
ESTIMATED ANNUAL OPERATING IMPACT

Personnel	57,500	115,000	117,800	12,800	124,800	\$ 427,900
Operating	49,000	98,000	102,800	108,000	114,400	\$ 472,200
Capital Outlay	38,000		-	7,000		\$ 45,000
TOTAL	\$ 144,500	\$ 213,000	\$ 220,600	\$ 127,800	\$ 239,200	\$ 945,100

HISTORICAL PROJECT-TO-DATE

FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
Fund 326	2,317,308	366,085	1,951,223
Fund 325	3,231,115	-	3,231,115
			-
TOTAL	\$ 5,548,423	\$ 366,085	\$ 5,182,338

P.I.R./NW 50TH STREET ATHLETIC COMPLEX



PROJECT NUMBER:	7005PK
LOCATION:	Pine Island Road and NW 50th Street
STATUS:	In Progress - Construction
DEPARTMENT:	Leisure Services
PROJECT MANAGER:	Bob Romeo
START DATE:	8/2015
COMPLETION DATE:	8/2018
ESTIMATED PROJECT COST:	\$ 16,481,783

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. Security improvements will be included and costs will be determined during design.

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

Annual operating expenses include: Two (2) full time Facility Attendant positions, one (1) part time Facility Attendant position, utilities, 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	FY18	FY19	FY20	FY21	FY22	5-Year Total
		-				\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

PROJECT COMPONENTS

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

ESTIMATED ANNUAL OPERATING IMPACT

Personnel	51,200	210,000	215,200	220,600	226,100	\$ 923,100
Operating	26,000	163,800	172,000	180,600	189,600	\$ 732,000
Capital Outlay	30,500					\$ 30,500
TOTAL	\$ 107,700	\$ 373,800	\$ 387,200	\$ 401,200	\$ 415,700	\$ 1,685,600

HISTORICAL PROJECT-TO-DATE

FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
Fund 326	16,476,783	4,724,476	11,752,307
Fund 325	5,000	-	5,000
			-
TOTAL	\$ 16,481,783	\$ 4,724,476	\$ 11,757,307

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:	9/2018
ESTIMATED PROJECT COST:	\$ 10,251,820

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. Security improvements will be included and costs will be determined during design.

** Sustainable elements in this project include new LED interior lighting, low VOC paints, improved insulation, and reflective roofing.

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

FUNDING SOURCES

FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

PROJECT COMPONENTS

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


ESTIMATED ANNUAL OPERATING IMPACT

Personnel		135,400	138,800	142,300	149,500	\$ 566,000
Operating		85,700	90,000	94,500	99,300	\$ 369,500
Capital Outlay						\$ -
TOTAL	\$ -	\$ 221,100	\$ 228,800	\$ 236,800	\$ 248,800	\$ 935,500

HISTORICAL PROJECT-TO-DATE

FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
Fund 326	5,616,820	559,277	5,057,543
Fund 325	4,635,000	-	4,635,000
			-
TOTAL	\$ 10,251,820	\$ 559,277	\$ 9,692,543

SECURITY IMPROVEMENTS

PROJECT NUMBER:	7007GI					
LOCATION:	Varies					
STATUS:	In Progress - Design					
DEPARTMENT:	Leisure Services					
PROJECT MANAGER:	Alan Gavazzi					
START DATE:	5/2015					
COMPLETION DATE:	9/2020					
ESTIMATED PROJECT COST:	\$ 1,998,600					
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>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	5-Year Total
Future Bond Proceeds		1,900,000				\$ 1,900,000
						\$ -
						\$ -
TOTAL	\$ -	\$ 1,900,000	\$ -	\$ -	\$ -	\$ 1,900,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction		1,900,000				\$ 1,900,000
TOTAL	\$ -	\$ 1,900,000	\$ -	\$ -	\$ -	\$ 1,900,000
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			
Fund 326	98,600	36,285	62,315			
			-			
			-			
TOTAL	\$ 98,600	\$ 36,285	\$ 62,315			

VETERANS PARK



PROJECT NUMBER:	7008PK
LOCATION:	5300 Nob Hill Road
STATUS:	In Progress - Design
DEPARTMENT:	Leisure Services
PROJECT MANAGER:	Dave Abderhalden
START DATE:	12/2015
COMPLETION DATE:	8/2018
ESTIMATED PROJECT COST:	\$ 3,978,485



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: A part time Facility Attendant position, maintenance of the building and grounds, as well as future capital outlay expenses.

FUNDING SOURCES

FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	5-Year Total
		-				\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

PROJECT COMPONENTS

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

ANNUAL OPERATING IMPACT

Personnel		47,200	48,400	49,600	50,800	\$ 196,000
Operating		41,800	47,900	50,200	52,800	\$ 192,700
Capital Outlay		8,500				\$ 8,500
TOTAL	\$ -	\$ 97,500	\$ 96,300	\$ 99,800	\$ 103,600	\$ 397,200

HISTORICAL PROJECT-TO-DATE

FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
Fund 325	2,561,595	78,485	2,483,110
Fund 326	1,416,890	-	1,416,890
			-
TOTAL	\$ 3,978,485	\$ 78,485	\$ 3,900,000

OSCAR WIND PARK

PROJECT NUMBER:	7009PK
LOCATION:	200 North New River Circle
STATUS:	New Project
DEPARTMENT:	Leisure Services
PROJECT MANAGER:	Bob Romeo
START DATE:	10/2016
COMPLETION DATE:	9/2020
ESTIMATED PROJECT COST:	\$ 12,493,400



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 includes the demolition of existing structures, 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 demolition of the existing bathroom and playground, construction of a new playground near the entrance, a new restroom building near the entrance and a new boardwalk with a fishing pier 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 in this project 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: A Facility Attendant position, one (1) full time Operations Supervisor position, one (1) full time Recreation Leader position, two (2) part time Recreation Attendant positions, utilities, maintenance of the building and grounds, as well as future capital outlay expenses.

FUNDING SOURCES

FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	5-Year Total
Future Bond Proceeds		9,593,400				\$ 9,593,400
						\$ -
						\$ -
TOTAL	\$ -	\$ 9,593,400	\$ -	\$ -	\$ -	\$ 9,593,400

PROJECT COMPONENTS

506100 - Land Purchase						\$ -
506502 - Const. Design		925,000				\$ 925,000
506505 - Const. Othr. Costs		75,000				\$ 75,000
506510 - Construction		8,593,400				\$ 8,593,400
TOTAL	\$ -	\$ 9,593,400	\$ -	\$ -	\$ -	\$ 9,593,400

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	-	-	-
Fund 325	2,900,000	-	2,900,000
			-
TOTAL	\$ 2,900,000	\$ -	\$ 2,900,000

CITY PARK IMPROVEMENTS

PROJECT NUMBER:	7010PK	
LOCATION:	6700 Sunset Strip	
STATUS:	In Progress - Design	
DEPARTMENT:	Leisure Services	
PROJECT MANAGER:	Bob Romeo	
START DATE:	9/2015	
COMPLETION DATE:	1/2019	
ESTIMATED PROJECT COST:	\$ 5,226,921	

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. Security improvements will be included and costs will be determined during design.

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

Annual operating expenses include: A part time Facility Attendant position, utilities, maintenance of the building and grounds, as well as future capital outlay expenses.

FUNDING SOURCES

FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	5-Year Total
Future Bond Proceeds		4,506,000				\$ 4,506,000
						\$ -
						\$ -
TOTAL	\$ -	\$ 4,506,000	\$ -	\$ -	\$ -	\$ 4,506,000

PROJECT COMPONENTS

506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs		30,000				\$ 30,000
506510 - Construction		4,476,000				\$ 4,476,000
TOTAL	\$ -	\$ 4,506,000	\$ -	\$ -	\$ -	\$ 4,506,000


ESTIMATED ANNUAL OPERATING IMPACT

Personnel		8,200	16,700	17,100	17,600	\$ 59,600
Operating		11,000	27,600	29,000	30,400	\$ 98,000
Capital Outlay					4,000	\$ 4,000
TOTAL	\$ -	\$ 19,200	\$ 44,300	\$ 46,100	\$ 52,000	\$ 161,600


HISTORICAL PROJECT-TO-DATE

FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
Fund 326	720,921	79,722	641,199
			-
			-
TOTAL	\$ 720,921	\$ 79,722	\$ 641,199


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:	8/2019					
ESTIMATED PROJECT COST:	\$ 1,214,607					
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, pavilions, landscaping, irrigation and a decorative perimeter fence. Security improvements will be included and costs will be determined during design.</p> <p>** Sustainable elements in this project 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, utilities, and maintenance of the building and grounds.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	5-Year Total
		-				\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel		16,000	32,800	33,600	34,400	\$ 116,800
Operating		15,600	39,200	41,100	43,200	\$ 139,100
Capital Outlay						\$ -
TOTAL	\$ -	\$ 31,600	\$ 72,000	\$ 74,700	\$ 77,600	\$ 255,900
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals		Project-to-Date (PTD) Balance		
Fund 326	190,607	11,352		179,255		
Fund 325	1,024,000	-		1,024,000		
				-		
TOTAL	\$ 1,214,607	\$ 11,352		\$ 1,203,255		

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:	10/2020					
ESTIMATED PROJECT COST:	\$ 12,832,129					
DESCRIPTION/JUSTIFICATION						
<p>This project will renovate the existing playground, meeting hall, and restroom facilities and may include removal of ball fields 4 and 5, removal of the existing basketball courts, construction of a 15,000 square foot Multi-purpose building, construction of five new basketball courts with shade structures, refurbish the existing full size multi-purpose fields, construction of additional parking, resurfacing of the existing tennis courts, construction of a new concession building with scorers tower, and upgrading of existing sports lighting. Security improvements will be included and costs will be determined during design.</p> <p>** Sustainable elements in this project include LED lighting, low VOC paints, high R-Value insulation, Florida friendly landscaping, and drinking fountains with a water bottle filling spout.</p> <p>Annual operating expenses include: A part time Facility Attendant position, one (1) full time Operations Supervisor position, one (1) full time Recreation Leader position, two (2) part time Recreation Attendant positions, utilities, maintenance of the building and grounds, and the purchase of a floor cleaning machine.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	5-Year Total
Future Bond Proceeds		11,760,000	75,000			\$ 11,835,000
						\$ -
						\$ -
TOTAL	\$ -	\$ 11,760,000	\$ 75,000	\$ -	\$ -	\$ 11,835,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs			75,000			\$ 75,000
506510 - Construction		11,760,000				\$ 11,760,000
TOTAL	\$ -	\$ 11,760,000	\$ 75,000	\$ -	\$ -	\$ 11,835,000
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel			51,900	212,700	218,000	\$ 482,600
Operating			14,300	90,000	94,500	\$ 198,800
Capital Outlay			8,000			\$ 8,000
TOTAL	\$ -	\$ -	\$ 74,200	\$ 302,700	\$ 312,500	\$ 689,400
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 326	997,129	51,201	945,928			
			-			
			-			
TOTAL	\$ 997,129	\$ 51,201	\$ 945,928			

NOB HILL SOCCER CLUB IMPROVEMENTS

PROJECT NUMBER:	7014PK					
LOCATION:	10200 Sunset Strip					
STATUS:	In Progress - Design					
DEPARTMENT:	Leisure Services					
PROJECT MANAGER:	Earl Prizlee					
START DATE:	2/2017					
COMPLETION DATE:	10/2018					
ESTIMATED PROJECT COST:	\$ 2,864,558					
DESCRIPTION/JUSTIFICATION						
<p>This project will improve site amenities at the Soccer Club. Work includes the replacement of natural grass at fields 1 and 2 with synthetic turf along with drainage improvements at fields 1, 2 and 3. Additionally, the project will replace damaged or destroyed landscaping, replace aluminum perimeter fencing with steel fencing and replace the existing A/V systems in the meeting hall. The project includes playground improvements at Nob Hill Elementary School to provide for a shared usage of the playground between the City of Sunrise and the School. A new playground for toddlers will also be constructed on the Nob Hill Soccer Club property. Security improvements will be included and costs will be determined during design.</p> <p>Annual operating expenses include: Maintenance of the building and grounds, as well as future capital outlay expenses.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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		1,300	4,100	4,300	4,500	\$ 14,200
Capital Outlay		2,000				\$ 2,000
TOTAL	\$ -	\$ 3,300	\$ 4,100	\$ 4,300	\$ 4,500	\$ 16,200
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 326	364,558	26,323	338,235			
Fund 325	2,500,000	-	2,500,000			
			-			
TOTAL	\$ 2,864,558	\$ 26,323	\$ 2,838,235			

WELLEBY POOL DECK REPLACEMENT

PROJECT NUMBER:	7015GI
LOCATION:	9605 Oakland Park Boulevard
STATUS:	In Progress - Construction
DEPARTMENT:	Leisure Services
PROJECT MANAGER:	Meghan Kaufold
START DATE:	10/2015
COMPLETION DATE:	10/2017
ESTIMATED PROJECT COST:	\$ 279,469



DESCRIPTION/JUSTIFICATION

This project will replace the existing concrete deck that has cracked due to differential settlement of the subgrade. Work includes removal of the existing deck, excavation of existing pool piping to determine its condition, replacement of pool piping as required, installation of new pool deck drainage inlets and piping, installation of new concrete decking.

This project previously funded in General Capital Fund 325, Project #6483.

FUNDING SOURCES

FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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 326	248,600	147,384	101,216
Fund 325	30,869	30,869	-
			-
TOTAL	\$ 279,469	\$ 178,253	\$ 101,216

NW 44TH STREET BICYCLE LANES



PROJECT NUMBER:	7016GI
LOCATION:	Pine Island Road to SAC Park
STATUS:	In Progress - Construction
DEPARTMENT:	Public Works
PROJECT MANAGER:	Meghan Kaufold
START DATE:	7/2014
COMPLETION DATE:	3/2018
ESTIMATED PROJECT COST:	\$ 2,728,260

DESCRIPTION/JUSTIFICATION

This project includes the design, construction and construction inspection of a five-foot wide bicycle lane, with a two-foot buffer, within the existing swale areas along both sides of NW 44th Street from Pine Island Road west to the Sunrise Athletic Complex located at 11501 NW 44th Street, and construction of a westbound right turn lane at Nob Hill Road. The existing travel eastbound and westbound travel lanes will be reduced to ten-feet in width. The bike lane portion of the project is approved to be reimbursed by an FDOT Grant in the amount of \$1,141,268. The construction for the westbound right turn lane is estimated to be \$125,000. The signage and striping improvements will be maintained by Broward County, per the interlocal agreement. **Sustainability benefits include enhancing transportation options to include non-motorized alternatives and the associated public health, safety, and carbon reduction benefits.

This project partially funded in General Capital Fund 325, Project #6473.

FUNDING SOURCES

FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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 326	2,728,260	818,005	1,910,255
			-
			-
TOTAL	\$ 2,728,260	\$ 818,005	\$ 1,910,255

VILLAGE BEACH CLUB IMPROVEMENTS

PROJECT NUMBER:	7017GI					
LOCATION:	6967 NW 24th Street					
STATUS:	New Project					
DEPARTMENT:	Leisure Services					
PROJECT MANAGER:	Meghan Kaufold					
START DATE:	6/2017					
COMPLETION DATE:	8/2018					
ESTIMATED PROJECT COST:	\$ 269,255					
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.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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			9,900	31,000	32,600	\$ 73,500
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ 9,900	\$ 31,000	\$ 32,600	\$ 73,500
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 326	254,255	-	254,255			
Fund 325	15,000	-	15,000			
			-			
TOTAL	\$ 269,255	\$ -	\$ 269,255			

9525 PARCEL IMPROVEMENTS



PROJECT NUMBER:	TBD
LOCATION:	9525 W. Oakland Park Boulevard
STATUS:	New Project
DEPARTMENT:	Leisure Services
PROJECT MANAGER:	TBD
START DATE:	10/2017
COMPLETION DATE:	9/2020
ESTIMATED PROJECT COST:	\$ 1,073,800



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 in this project could 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	FY18	FY19	FY20	FY21	FY22	5-Year Total
Future Bond Proceeds		1,073,800				\$ 1,073,800
						\$ -
						\$ -
TOTAL	\$ -	\$ 1,073,800	\$ -	\$ -	\$ -	\$ 1,073,800

PROJECT COMPONENTS

506100 - Land Purchase						\$ -
506502 - Const. Design		140,100				\$ 140,100
506505 - Const. Othr. Costs						\$ -
506510 - Construction		933,700				\$ 933,700
TOTAL	\$ -	\$ 1,073,800	\$ -	\$ -	\$ -	\$ 1,073,800


ESTIMATED ANNUAL OPERATING IMPACT

Personnel						\$ -
Operating			15,000	31,500	33,100	\$ 79,600
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ 15,000	\$ 31,500	\$ 33,100	\$ 79,600


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:	10/2016					
COMPLETION DATE:	5/2019					
ESTIMATED PROJECT COST:	\$ 776,600					
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: 50% of Facility Attendant position.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	5-Year Total
Future Bond Proceeds		776,600				\$ 776,600
						\$ -
						\$ -
TOTAL	\$ -	\$ 776,600	\$ -	\$ -	\$ -	\$ 776,600
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design		101,300				\$ 101,300
506505 - Const. Othr. Costs						\$ -
506510 - Construction		675,300				\$ 675,300
TOTAL	\$ -	\$ 776,600	\$ -	\$ -	\$ -	\$ 776,600
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating			9,900	31,000	32,600	\$ 73,500
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ 9,900	\$ 31,000	\$ 32,600	\$ 73,500
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
						-
						-
						-
TOTAL	\$ -	\$ -				\$ -


SPRINGTREE BISCAYNE TEST WELLS/WELLHEADS REPLACEMENT

PROJECT NUMBER:	5009WF					
LOCATION:	Springtree Biscayne Wellfield					
STATUS:	In Progress - Construction					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Allan Miller					
START DATE:	1/2016					
COMPLETION DATE:	12/2017					
ESTIMATED PROJECT COST:	\$ 7,852,711					
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 replacement of eight (8) wells and eight (8) wellheads to return capacity lost due to failures. 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 wells will adequately supplement production of the existing wells to ensure that the City can supply sufficient raw water to meet its demands.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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	4,873,661	4,865,654	8,007			
Fund 465	2,979,050	1,620,479	1,358,571			
			-			
TOTAL	\$ 7,852,711	\$ 6,486,133	\$ 1,366,578			


C-51 RESERVOIR PROJECT

PROJECT NUMBER:	5014SY					
LOCATION:	System					
STATUS:	New Project					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Tim Welch					
START DATE:	10/2018					
COMPLETION DATE:	TBD					
ESTIMATED PROJECT COST:	\$ 25,450,000					
DESCRIPTION/JUSTIFICATION						
<p>The City will require additional water supply within the next 15 years. The South Florida Water Management District, through its Water Availability Rule, capped any expansion of Biscayne aquifer water supply to that use which occurred in year 2006, thereby forcing utilities to obtain new or expanded supply from alternate water supply projects involving the Floridan aquifer, wastewater reuse, or through conservation projects. The C-51 reservoir is being planned for capture of wet weather flows that would have otherwise been pumped to tide. Once captured, the C-51 would store and transmit water supply during dry periods through existing canal networks from Palm Beach County south to Broward or Miami-Dade Counties. The City received authorization of \$400,000 in grant funding for development of this project.</p> <p>Annual Operating Impact - Maintenance contract for the maintenance of a levee based on 5 MGD.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	5-Year Total
Fund 465		19,450,000				\$ 19,450,000
Fund 403		6,000,000				\$ 6,000,000
						\$ -
TOTAL	\$ -	\$ 25,450,000	\$ -	\$ -	\$ -	\$ 25,450,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction		25,450,000				\$ 25,450,000
TOTAL	\$ -	\$ 25,450,000	\$ -	\$ -	\$ -	\$ 25,450,000
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating		200,000	200,000	200,000	200,000	\$ 800,000
Capital Outlay						\$ -
TOTAL	\$ -	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 800,000
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
					-	
					-	
					-	
TOTAL	\$ -	\$ -			\$ -	


SAWGRASS 4 MGD REUSE TREATMENT PLANT EXPANSION (PHASE I)

PROJECT NUMBER:	5017SG					
LOCATION:	14150 NW 8th St.					
STATUS:	In Progress - Construction					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Jin Huo					
START DATE:	9/2012					
COMPLETION DATE:	11/2018					
ESTIMATED PROJECT COST:	\$ 22,321,237					
DESCRIPTION/JUSTIFICATION						
<p>The City is required to implement wastewater reuse as a condition of its wastewater operating permits described in the City's 2009 Reuse Feasibility Report. Additionally, recent legislation passed in 2013 provided the opportunity for virtual reuse whereby a utility may contract with another for implementation of reuse in another utility's service area and receive reuse credit associated with that system. This project provides for up to 4 million gallons per day (MGD) treatment and 2 MGD distribution, with deep bed sand filtration and high level disinfection. If the City does not construct reuse treatment and distribution, the City will violate specific permitting conditions in its Sawgrass and Springtree Wastewater Treatment Plant Operating License, which was renewed in 2009 and is currently under review for renewal in 2014.</p> <p>Annual Operating Impact is for electricity and chemical usage. The plant will begin production as 1.5 MGD, but will ramp up to 4 MGD of production; thus increasing operating expenses.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	5-Year Total
						\$ -
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating		67,000	67,000	67,000	180,000	\$ 381,000
Capital Outlay						\$ -
TOTAL	\$ -	\$ 67,000	\$ 67,000	\$ 67,000	\$ 180,000	\$ 381,000
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 408	3,013,443	3,013,443	-			
Fund 465	19,307,794	4,119,462	15,188,332			
			-			
TOTAL	\$ 22,321,237	\$ 7,132,905	\$ 15,188,332			

ESCAPE AND VALENCIA WATER MAIN REPLACEMENT

PROJECT NUMBER:	5031PI					
LOCATION:	System					
STATUS:	In Progress - Construction					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Earl Prizlee					
START DATE:	12/2013					
COMPLETION DATE:	1/2018					
ESTIMATED PROJECT COST:	\$ 7,074,292					
DESCRIPTION/JUSTIFICATION						
<p>The City requires renewal and replacement of community water systems in reasonable time in order to sustain reliable service and maintain adequate water quality for its customers. This project includes the replacement of water distribution mains in Davie. The project is intended to improve integrity of the existing infrastructure and to provide additional system capacity. The existing 24,000 lineal feet of pipe, portions of which are thin walled Schedule 160 plastic piping, has demonstrated excessive vulnerability through the occurrence of a number of water main breaks over the past 6 to 7 years.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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	4,706,848		2,776,532		1,930,316	
Fund 408	1,067,248		1,067,248		-	
Fund 465	1,300,196		171,186		1,129,010	
TOTAL	\$ 7,074,292		\$ 4,014,966		\$ 3,059,326	

SPRINGTREE INDUSTRIAL DEEP INJECTION WELLS

PROJECT NUMBER:	5036WF					
LOCATION:	4350 Springtree Drive					
STATUS:	In Progress - Construction					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Allan Miller					
START DATE:	8/2013					
COMPLETION DATE:	10/2017					
ESTIMATED PROJECT COST:	\$ 15,208,787					
DESCRIPTION/JUSTIFICATION						
<p>The City disposes treated wastewater from the Springtree treatment site through a 30-inch force main to the Sawgrass treatment site. The current emergency back up to this disposal system is to overflow on site or to surrounding surface water, which is not an ideal solution. This project provides two new Industrial Injection wells for disposal of treated wastewater and concentrate (waste) stream from the City's new Reverse Osmosis Water Treatment Plant. The new wells would provide 12.4 MGD capacity each and full redundancy during mechanical integrity (pressure) testing which is required every five (5) years.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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	8,154,000	6,161,644	1,992,356			
Fund 403	5,250,000	829,954	4,420,046			
Fund 408	1,804,787	1,804,787	-		3,609,574	
TOTAL	\$ 15,208,787	\$ 8,796,385	\$ 6,412,402			

WASTEWATER PIPELINE FLOW CAPACITY IMPROVEMENTS

PROJECT NUMBER:	5037PI	<p style="font-size: small; margin-top: 5px;"> Sunrise Utilities Service Area Map > 70 Square Miles > Sunrise > Weston > SW Ranches > portions of Davis > Population Served: Over 220,000 </p>
LOCATION:	System	
STATUS:	In Progress - Design	
DEPARTMENT:	Utilities	
PROJECT MANAGER:	Jin Huo	
START DATE:	10/2015	
COMPLETION DATE:	On Going	
ESTIMATED PROJECT COST:	\$ 19,034,970	

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	FY18	FY19	FY20	FY21	FY22	5-Year Total
Fund 465	2,856,550	1,067,420	2,641,400	3,425,000	3,425,000	\$ 13,415,370
						\$ -
						\$ -
TOTAL	\$ 2,856,550	\$ 1,067,420	\$ 2,641,400	\$ 3,425,000	\$ 3,425,000	\$ 13,415,370

PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design	97,750	273,020	425,000	425,000	425,000	\$ 1,645,770
506505 - Const. Othr. Costs	459,800	132,400	369,400	500,000	500,000	\$ 1,961,600
506510 - Construction	2,299,000	662,000	1,847,000	2,500,000	2,500,000	\$ 9,808,000
TOTAL	\$ 2,856,550	\$ 1,067,420	\$ 2,641,400	\$ 3,425,000	\$ 3,425,000	\$ 13,415,370

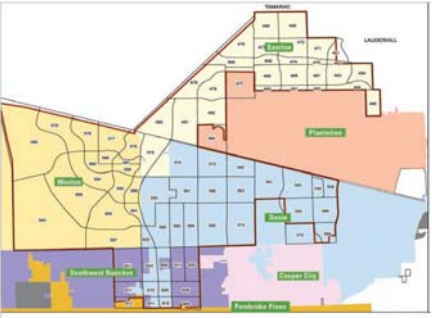
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating						\$ -
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

HISTORICAL PROJECT-TO-DATE			
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance
Fund 402	865,700	49,521	816,179
Fund 465	4,753,900	23,741	4,730,159
			-
TOTAL	\$ 5,619,600	\$ 73,262	\$ 5,546,338


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:	6/2019					
ESTIMATED PROJECT COST:	\$ 10,448,330					
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	FY18	FY19	FY20	FY21	FY22	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	10,448,330	26,764	10,421,566			
			-			
			-			
TOTAL	\$ 10,448,330	\$ 26,764	\$ 10,421,566			

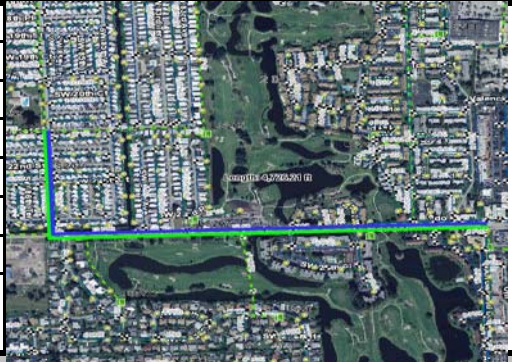
WASTEWATER SYS REHAB-LATERAL & MANHOLE IPMTS-SSES FOR I/I

PROJECT NUMBER:	5043PI					
LOCATION:	System					
STATUS:	In Progress - Construction					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Guarionex De Los Santos					
START DATE:	10/2015					
COMPLETION DATE:	Ongoing					
ESTIMATED PROJECT COST:	\$ 7,383,004					
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	FY18	FY19	FY20	FY21	FY22	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	1,983,004	1,823,180	159,824			
Fund 465	900,000	236,093	663,907			
			-			
TOTAL	\$ 2,883,004	\$ 2,059,273	\$ 823,731			

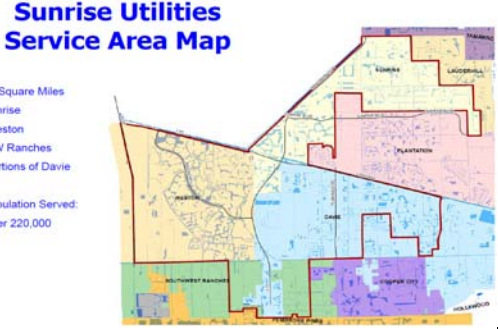
SPRINGTREE WATER TREATMENT PLANT REHABILITATION - PHASE 2

PROJECT NUMBER:	5045ST					
LOCATION:	4350 Springtree Drive					
STATUS:	In Progress - Construction					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Luisa Arbelaez					
START DATE:	2/2016					
COMPLETION DATE:	3/2018					
ESTIMATED PROJECT COST:	\$ 11,107,795					
DESCRIPTION/JUSTIFICATION						
<p>This project includes rehabilitation improvements to restore and renew treatment processes at the Springtree Water Plant. Structural restoration of the filters is required since concrete has spalled at numerous locations, exposing reinforcing steel. The previously used "Greenleaf" filters, taken out of service in a late 1990s project, require piping modifications to convey softened water directly from lime treatment units to the newer filters without passing through these abandoned filters (complicates hydraulic efficiency and regulator compliance). The lime sludge vacuum filter presses used for dewatering sludge are beyond useful life and require replacement. A recarbonation (carbon dioxide injection) process is needed for improving pH stabilization (buffering), a compliance recommendation from the Health Department.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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	10,767,735		6,202,894		4,564,841	
Fund 408	340,060		340,060		-	
					-	
TOTAL	\$ 11,107,795		\$ 6,542,954		\$ 4,564,841	

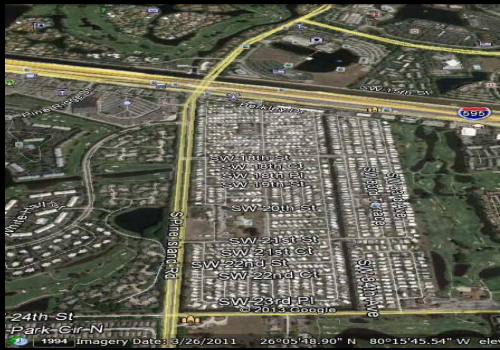
NOVA DRIVE WATER MAIN AND FORCE MAIN REPLACEMENT

PROJECT NUMBER:	5048PI					
LOCATION:	System					
STATUS:	In Progress - Construction					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Guarionex De Los Santos					
START DATE:	6/2014					
COMPLETION DATE:	10/2017					
ESTIMATED PROJECT COST:	\$ 3,225,425					
DESCRIPTION/JUSTIFICATION						
<p>This project provides replacement of a 10-inch asbestos cement force main and a 12-inch asbestos cement water main. 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 force main 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 water main breaks.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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	3,039,395	1,120,586	1,918,809			
Fund 408	186,030	186,030	-			
			-			
TOTAL	\$ 3,225,425	\$ 1,306,616	\$ 1,918,809			


SYSTEMWIDE LIFT STATION IMPROVEMENT

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:	\$ 26,921,566					
DESCRIPTION/JUSTIFICATION						
<p>The City owns and operates 214 lift stations (LS). Many of these LSs 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 LS rehabilitation or replacements for 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.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	5-Year Total
Fund 465	1,826,000	3,976,000	3,976,000	3,976,000	3,976,000	\$ 17,730,000
						\$ -
						\$ -
TOTAL	\$ 1,826,000	\$ 3,976,000	\$ 3,976,000	\$ 3,976,000	\$ 3,976,000	\$ 17,730,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design	199,000	476,000	476,000	476,000	476,000	\$ 2,103,000
506505 - Const. Othr. Costs	175,000	420,000	420,000	420,000	420,000	\$ 1,855,000
506510 - Construction	1,452,000	3,080,000	3,080,000	3,080,000	3,080,000	\$ 13,772,000
TOTAL	\$ 1,826,000	\$ 3,976,000	\$ 3,976,000	\$ 3,976,000	\$ 3,976,000	\$ 17,730,000
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	5,066,954	454,837	4,612,117			
Fund 408	148,612	148,612	-			
Fund 465	3,976,000	-	3,976,000			
TOTAL	\$ 9,191,566	\$ 603,449	\$ 8,588,117			


PINE ISLAND ROAD 12" WATER MAIN REPLACEMENT

PROJECT NUMBER:	5068PI					
LOCATION:	Pine Island Rd. from Nova Dr. to SR 84					
STATUS:	In Progress - Construction					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Gregg Bagnall					
START DATE:	5/2016					
COMPLETION DATE:	12/2018					
ESTIMATED PROJECT COST:	\$ 1,324,098					
DESCRIPTION/JUSTIFICATION						
<p>Broward County is designing roadway improvements along Pine Island Road from S.W. 24 Street (Nova Drive) north to S.R. 84, including milling, resurfacing, and the installation of new sidewalk(s). The City of Sunrise has an existing 12-inch diameter asbestos concrete water main located within areas of the County's project that requires replacement due to the type and age of the pipe and the fact that Broward is rebuilding this road segment, so it is an appropriate time for the City to replace this piping. The total length of replacement is approximately 2000 feet and will include 13 conflict structures.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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	1,197,313	35,360	1,161,953			
Fund 408	71,785	65,446	6,339			
Fund 465	55,000	-	55,000			
TOTAL	\$ 1,324,098	\$ 100,806	\$ 1,223,292			

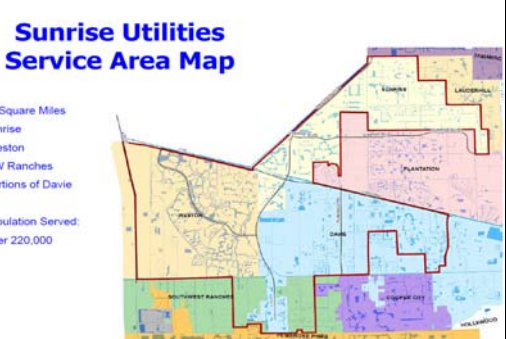
HIATUS ROAD WATER MAIN AND FORCE MAIN ADJUSTMENTS

PROJECT NUMBER:	5070PI					
LOCATION:	System					
STATUS:	In Progress - Construction					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Dave Abderhalden					
START DATE:	10/2014					
COMPLETION DATE:	10/2017					
ESTIMATED PROJECT COST:	\$ 779,458					
DESCRIPTION/JUSTIFICATION						
<p>This project is being completed as a Joint Project Agreement (JPA) with Broward County. New fire hydrants have been installed and City personnel will remove other existing fire hydrants. The costs included in this project will complete adjustments of water main valves, force main valves, and water main realignment on Hiatus Road as required by the Broward County Design for the new roadway.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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	203,980	-	203,980			
Fund 408	22,578	21,827	751			
Fund 465	552,900	14,950	537,950			
TOTAL	\$ 779,458	\$ 36,777	\$ 742,681			

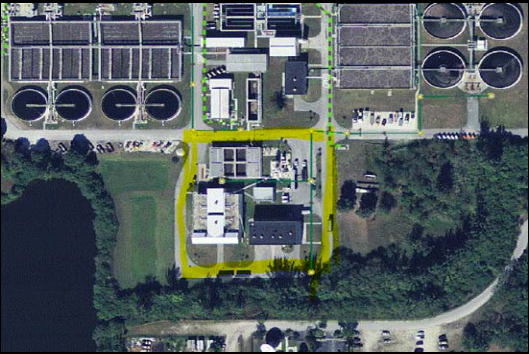
SAWGRASS WWTP CLARIFIER SCUM EJECTOR IMPROVEMENTS

PROJECT NUMBER:	5071SG					
LOCATION:	14150 NW 8th Street					
STATUS:	In Progress - Construction					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Guarionex De Los Santos					
START DATE:	1/2014					
COMPLETION DATE:	4/2018					
ESTIMATED PROJECT COST:	\$ 1,358,142					
DESCRIPTION/JUSTIFICATION						
<p>The Sawgrass Wastewater Treatment Plant (WWTP) has eight secondary clarifiers. Clarifiers 1 - 4 have a recessed impeller pumping system mounted in a collection box which is to be replaced in a currently funded project. Clarifiers 5 - 8 were installed in 1997, and utilize a scum collection system using a pneumatic ejection system which collects scum in a receiving trough and air compressors feed air to piping ejectors which convey the scum to a holding tank. These clarifiers accumulate excessive scum due to solids passing over from the headworks process and clogging check valves and ejector piping which leads to scum carry over and dispersion into the clarifiers. Air bubbles are observed on leaking seals which also demonstrate excessive wear and tear and stresses on this system.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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	1,033,962		23,689		1,010,273	
Fund 408	324,180		318,225		5,955	
					-	
TOTAL	\$ 1,358,142		\$ 341,914		\$ 1,016,228	

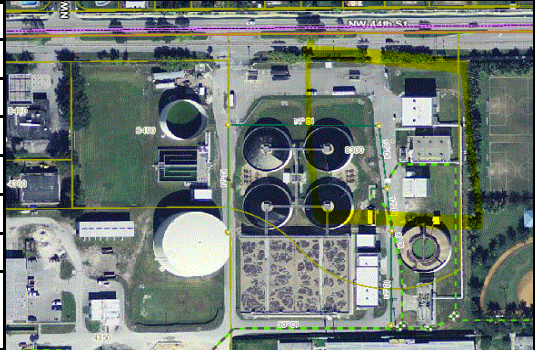
WATER SYSTEM IMPROVEMENT PROJECTS

PROJECT NUMBER:	5072PI					
LOCATION:	System					
STATUS:	In Progress - Design					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Jin Huo					
START DATE:	1/2015					
COMPLETION DATE:	Ongoing					
ESTIMATED PROJECT COST:	\$ 16,877,626					
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	FY18	FY19	FY20	FY21	FY22	5-Year Total
Fund 465	1,770,000	3,250,000	3,250,000	3,250,000	3,250,000	\$ 14,770,000
						\$ -
						\$ -
TOTAL	\$ 1,770,000	\$ 3,250,000	\$ 3,250,000	\$ 3,250,000	\$ 3,250,000	\$ 14,770,000
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	182,000	375,000	375,000	375,000	375,000	\$ 1,682,000
506510 - Construction	1,213,000	2,500,000	2,500,000	2,500,000	2,500,000	\$ 11,213,000
TOTAL	\$ 1,770,000	\$ 3,250,000	\$ 3,250,000	\$ 3,250,000	\$ 3,250,000	\$ 14,770,000
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	261,196	41,194	220,002			
Fund 465	1,846,430	-	1,846,430			
			-			
TOTAL	\$ 2,107,626	\$ 41,194	\$ 2,066,432			


SAWGRASS WWTP BIOSOLIDS STABILIZATION

PROJECT NUMBER:	5073SG					
LOCATION:	14150 NW 8th Street					
STATUS:	New Project					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Jin Huo					
START DATE:	10/2018					
COMPLETION DATE:	10/2022					
ESTIMATED PROJECT COST:	\$ 9,904,315					
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 it's useful life and require replacement. This project will assess and provide recommendation and design for demolition of the dissolved air floatation and odor control systems and replacement with a sludge stabilization process that produces wastewater bio-solids classified as B, A or AA which can be land applied in conformance with Florida Administrative Code 62-640.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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	
Fund 465	4,315		4,315		-	
					-	
					-	
TOTAL	\$ 4,315		\$ 4,315		\$ -	

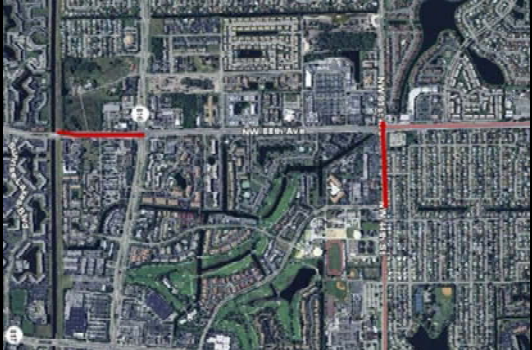
SPRINGTREE WWTP BIOSOLIDS STABILIZATION

PROJECT NUMBER:	5074ST					
LOCATION:	4350 Springtree Drive					
STATUS:	In Progress - Construction					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Jin Huo					
START DATE:	2/2015					
COMPLETION DATE:	9/2018					
ESTIMATED PROJECT COST:	\$ 10,946,092					
DESCRIPTION/JUSTIFICATION						
<p>The biosolids facilities at Springtree include a retrofitted steel tank converted to a digester installed around 1964, a gravity belt thickener (GBT) and odor control scrubbers installed in late 1990s. The 2008 Master Plan recommended replacement of transfer pumps, blending system, piping and valves in the GBT polymer system, and the digester due to its extended age and extensive pitted corrosion creating operational complications. Recently passed legislation requires increased pathogen reduction, nutrient management plans (NMP) and monitoring within the Florida Administrative Code 62-640 in 2013 for land application sites. These rules have caused haulers to extend travel out of the Lake Okeechobee and upper and lower Kissimmee basins and into Seminole County, resulting in a 16% cost increase in late 2013, and costs will continue to escalate with time.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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 403	288,350	75,952	212,398			
Fund 408	607,714	607,714	-			
Fund 465	10,050,028	15,979	10,034,049			
TOTAL	\$ 10,946,092	\$ 699,645	\$ 10,246,447			

EAST SUNRISE WATERMAIN REPLACEMENT

PROJECT NUMBER:	5079PI					
LOCATION:	System					
STATUS:	In Progress - Construction					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Guarionex De Los Santos					
START DATE:	12/2013					
COMPLETION DATE:	4/2018					
ESTIMATED PROJECT COST:	\$ 8,262,223					
DESCRIPTION/JUSTIFICATION						
<p>The City suffered 8 water main breaks in the East Sunrise community bounded by N.W. 19th Place, N.W. 58th Terrace, N.W. 63rd Avenue and Sunrise Boulevard in 2014. This water system partially consists of asbestos concrete piping installed in the 1960s and other portions are PVC installed in the 1990s. This project replaces the older AC and cast iron portions, and interconnects with newer PVC systems, relocating all piping within the public right-of-way. This project will improve water quality, service reliability, and fire service protection.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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	3,644,511		912,576		2,731,935	
Fund 408	817,712		817,712		-	
Fund 465	3,800,000		-		3,800,000	
TOTAL	\$	8,262,223	\$	1,730,288	\$	6,531,935

30" WATER MAIN REPLACEMENT - NW 44TH ST AND PINE ISLAND RD

PROJECT NUMBER:	5082PI	
LOCATION:	NW 44th ST / Pine Island Road	
STATUS:	In Progress - Construction	
DEPARTMENT:	Utilities	
PROJECT MANAGER:	Luisa Arbelaez	
START DATE:	5/2015	
COMPLETION DATE:	9/2018	
ESTIMATED PROJECT COST:	\$ 6,411,160	

This project provides replacement of the 42-inch diameter pre-stressed concrete cylinder pipe (PCCP) transmission main from the Springtree Water Treatment Plant at 4350 Springtree Drive west to Pine Island Road along N.W. 44th Street, inclusive of the intersection at Pine Island Road and N.W. 44th Street. An additional segment of 30-inch welded steel transmission piping requires replacement in the eastern Pine Island Road right-of-way, from south of the C-13 canal to a point which is a couple hundred feet north of Oakland Park Boulevard. This also includes replacement of the adjacent Sanitary Line over the C-13 Canal. These mains have required repairs over the past decade and operations personnel have recommended replacement of this piping since it is approaching 50 years of age.

Original FY 2017 Project-to-Date Budget of \$4,023,130 (Construction) is increased by \$1,442,000 and transferred in from 408 Fund Balance

FUNDING SOURCES

FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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	4,712,937	134,629	4,578,308
Fund 408	1,483,223	41,223	1,442,000
Fund 465	215,000	-	215,000
TOTAL	\$ 6,411,160	\$ 175,852	\$ 6,235,308

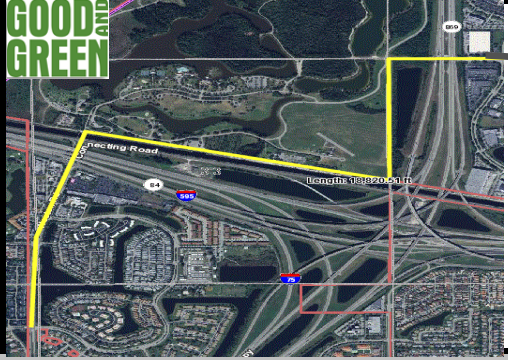
SOUTHWEST WTP IMPROVEMENTS

PROJECT NUMBER:	5083SW					
LOCATION:	15400 Watermill Road					
STATUS:	In Progress - Construction					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Gregg Bagnall					
START DATE:	10/2015					
COMPLETION DATE:	9/2018					
ESTIMATED PROJECT COST:	\$ 12,833,658					
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	FY18	FY19	FY20	FY21	FY22	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	4,091,372	842,613	3,248,759			
Fund 408	180,286	180,286	-			
Fund 465	8,562,000	24,337	8,537,663			
TOTAL	\$ 12,833,658	\$ 1,047,236	\$ 11,786,422			

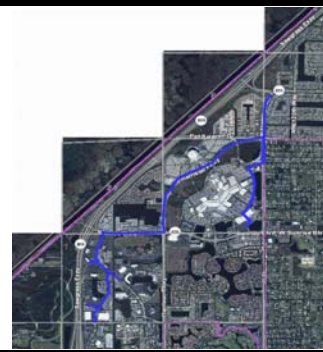
SOUTHWEST WTP IMPROVEMENTS - ION EXCHANGE

PROJECT NUMBER:	5084SW					
LOCATION:	15400 Watermill Road					
STATUS:	In Progress - Construction					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Gregg Bagnall					
START DATE:	10/2015					
COMPLETION DATE:	6/2018					
ESTIMATED PROJECT COST:	\$ 5,673,855					
DESCRIPTION/JUSTIFICATION						
<p>The Southwest Water Treatment (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 expenses are for electricity usage and salt costs.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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	\$ 56,000
Capital Outlay						\$ -
TOTAL	\$ -	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 56,000
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 465	5,673,855	27,170	5,646,685			
			-			
			-			
TOTAL	\$ 5,673,855	\$ 27,170	\$ 5,646,685			

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

PROJECT NUMBER:	5095PI					
LOCATION:	System					
STATUS:	New Project					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Guarionex De Los Santos					
START DATE:	5/2019					
COMPLETION DATE:	9/2022					
ESTIMATED PROJECT COST:	\$ 10,355,896					
DESCRIPTION/JUSTIFICATION						
<p>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.</p> <p>**This project supports sustainability by making reuse water more available to customers for irrigation.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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 - Construction
DEPARTMENT:	Utilities
PROJECT MANAGER:	Guarionex De Los Santos
START DATE:	10/2015
COMPLETION DATE:	9/2018
ESTIMATED PROJECT COST:	\$ 13,183,450

DESCRIPTION/JUSTIFICATION

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.

This project supports sustainability by provided reuse water to customers for irrigation.

FUNDING SOURCES

FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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	13,183,450	157,709	13,025,741
			-
			-
TOTAL	\$ 13,183,450	\$ 157,709	\$ 13,025,741


SGF-1 ASR CONVERSION

PROJECT NUMBER:	5098RW					
LOCATION:	Sawgrass Corporate Park					
STATUS:	In Progress - Construction					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Guarionex De Los Santos					
START DATE:	10/2015					
COMPLETION DATE:	9/2018					
ESTIMATED PROJECT COST:	\$ 6,191,582					
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 are for electricity, laboratory testing, maintenance, and engineering costs.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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			173,000	173,000	173,000	\$ 519,000
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ 173,000	\$ 173,000	\$ 173,000	\$ 519,000
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 465	6,191,582	133,780	6,057,802			
			-			
			-			
TOTAL	\$ 6,191,582	\$ 133,780	\$ 6,057,802			


SAWGRASS WTP MEMBRANE REPLACEMENT

PROJECT NUMBER:	5110SG					
LOCATION:	Sawgrass 14150 NW 8th Street					
STATUS:	In Progress - Construction					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Gregg Bagnall					
START DATE:	11/2015					
COMPLETION DATE:	12/2017					
ESTIMATED PROJECT COST:	\$ 5,566,442					
DESCRIPTION/JUSTIFICATION						
<p>The existing membranes at the Sawgrass Water Treatment Plant (WTP) were installed and placed into service in 2000 for trains 1-4, and in 2002 for trains 5-6. Drinking water membranes typically have a useful life span of 7 to 12 years, depending on the raw water quality, chemicals used, and maintenance. The membranes are serving well beyond their expected life and need to be replaced.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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 406	143,464	143,464			-	
Fund 408	44,983	44,983			-	
Fund 465	5,377,995	1,956,162			3,421,833	
TOTAL	\$ 5,566,442	\$ 2,144,609			\$ 3,421,833	


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:	12/2019					
ESTIMATED PROJECT COST:	\$ 11,312,064					
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	FY18	FY19	FY20	FY21	FY22	5-Year Total
Fund 465	10,050,000	-				\$ 10,050,000
						\$ -
						\$ -
TOTAL	\$ 10,050,000	\$ -	\$ -	\$ -	\$ -	\$ 10,050,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs	1,050,000					\$ 1,050,000
506510 - Construction	9,000,000					\$ 9,000,000
TOTAL	\$ 10,050,000	\$ -	\$ -	\$ -	\$ -	\$ 10,050,000
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	1,262,064	229,218	1,032,846			
			-			
			-			
TOTAL	\$ 1,262,064	\$ 229,218	\$ 1,032,846			


SAWGRASS WWTP CHLORINE TANK FARM DEMOLITION

PROJECT NUMBER:	5115SG					
LOCATION:	14150 NW 8th Street					
STATUS:	In Progress - Design					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Guarionex De Los Santos					
START DATE:	9/2016					
COMPLETION DATE:	12/2017					
ESTIMATED PROJECT COST:	\$ 147,285					
DESCRIPTION/JUSTIFICATION						
<p>The Chlorine storage facility at Sawgrass WWTP was constructed in 1996. There are six (8500 gallon) chlorine storage tanks inside the building which have been out of operation in recent years due to leaks and malfunctioning. The intent of this project is to have the tanks removed to create storage area and have the building structure sand-blasted and coated.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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	147,285	10,236	137,049			
			-			
			-			
TOTAL	\$ 147,285	\$ 10,236	\$ 137,049			


WATER TREATMENT PLANT GUARD HOUSES

PROJECT NUMBER:	5116SY					
LOCATION:	Sawgrass/Springtree/Southwest WTP					
STATUS:	In Progress - Construction					
DEPARTMENT:	Public Works					
PROJECT MANAGER:	Meghan Kaufold					
START DATE:	3/2016					
COMPLETION DATE:	12/2017					
ESTIMATED PROJECT COST:	\$ 633,432					
DESCRIPTION/JUSTIFICATION						
<p>Construction of a guardhouse at the main entrances to the Sawgrass Water Treatment Plant on NW 8th Street, Springtree Water Treatment Plant on Springtree Drive, and Southwest Water Treatment Plant on Watermill Road. The structure will provide shelter, electricity, telephone, air conditioning, and restroom facilities for the security company's guard.</p> <p>Annual operating costs are for electricity, water, and wastewater.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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	900	930	960	990	1,050	\$ 4,830
Capital Outlay						\$ -
TOTAL	\$ 900	\$ 930	\$ 960	\$ 990	\$ 1,050	\$ 4,830
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget		Project-to-Date (PTD) Actuals		Project-to-Date (PTD) Balance	
Fund 465	633,432		75,387		558,045	
					-	
					-	
TOTAL	\$ 633,432		\$ 75,387		\$ 558,045	


UTILITY ADMINISTRATION BUILDING FIRE ALARM PANEL UPGRADE

PROJECT NUMBER:	5118SY					
LOCATION:	14150 NW 8th Street					
STATUS:	In Progress - Construction					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Bob Romeo					
START DATE:	12/2016					
COMPLETION DATE:	10/2017					
ESTIMATED PROJECT COST:	\$ 61,000					
DESCRIPTION/JUSTIFICATION						
<p>This project is requested as a result of a Fire Inspection. Due to expansion of the plant facilities, the existing fire alarm panel may not be able to accommodate future electrical points for other buildings not covered by the existing alarm panel. Having a single panel that accommodates all facilities within the plant site would allow for all information to be received from a single source.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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	61,000		-		61,000	
					-	
					-	
TOTAL	\$ 61,000		\$ -		\$ 61,000	


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:	12/2018					
ESTIMATED PROJECT COST:	\$ 9,928,955					
DESCRIPTION/JUSTIFICATION						
<p>This project propose 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.</p> <p>Annual operating expenses are for electricity and salt usage, but there are savings from use of less sulfuric acid and sodium hydroxide.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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	\$ 192,000
Capital Outlay						\$ -
TOTAL	\$ -	\$ 48,000	\$ 48,000	\$ 48,000	\$ 48,000	\$ 192,000
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 465	9,928,955	7,628	9,921,327			
			-			
			-			
TOTAL	\$ 9,928,955	\$ 7,628	\$ 9,921,327			


4360 SPRINGTREE DRIVE SITE IMPROVEMENTS

PROJECT NUMBER:	5121ST					
LOCATION:	4360 Springtree Drive					
STATUS:	In Progress - Design					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Luisa Alberaez					
START DATE:	11/2016					
COMPLETION DATE:	1/2018					
ESTIMATED PROJECT COST:	\$ 316,000					
DESCRIPTION/JUSTIFICATION						
<p>This project will remove the remaining foundation system and other miscellaneous structures on the property. This site will be cleared and grubbed, graded, sodded, and fenced in on the north and west sides.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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	316,000	263,923	52,077			
			-			
			-			
TOTAL	\$ 316,000	\$ 263,923	\$ 52,077			


SPRINGTREE WWTP STORAGE & EQUIPMENT BUILDING

PROJECT NUMBER:	5122ST					
LOCATION:	4350 Springtree Drive					
STATUS:	In Progress - Design					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Luisa Alberaez					
START DATE:	9/2017					
COMPLETION DATE:	8/2019					
ESTIMATED PROJECT COST:	\$ 3,010,000					
DESCRIPTION/JUSTIFICATION						
<p>The City recently replaced HSP Station "A" at Springtree WTP with exterior slab mounted pumps and 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.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	5-Year Total
Fund 465	2,570,000		-			\$ 2,570,000
						\$ -
						\$ -
TOTAL	\$ 2,570,000	\$ -	\$ -	\$ -	\$ -	\$ 2,570,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs	330,000					\$ 330,000
506510 - Construction	2,240,000					\$ 2,240,000
TOTAL	\$ 2,570,000	\$ -	\$ -	\$ -	\$ -	\$ 2,570,000
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	440,000	-	440,000			
			-			
			-			
TOTAL	\$ 440,000	\$ -	\$ 440,000			


SAWGRASS WTP & SPRINGTREE WTP SECURITY IMPROVEMENTS

PROJECT NUMBER:	5123SY					
LOCATION:	Sawgrass WTP and Springtree WTP					
STATUS:	In Progress - Design					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Bob Romeo					
START DATE:	8/2017					
COMPLETION DATE:	12/2018					
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/or fences with card access gates and improved lighting at both facilities. The second phase of security improvements is to install a 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 costs are for maintenance and licensing agreements for the cameras.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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	\$ 80,000
Capital Outlay						\$ -
TOTAL	\$ -	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 80,000
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:	New Project					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Guarionex De Los Santos					
START DATE:	10/2017					
COMPLETION DATE:	12/2019					
ESTIMATED PROJECT COST:	\$ 21,037,000					
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 will decrease due to a reduction in electricity usage.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	5-Year Total
Fund 465	1,480,000	19,557,000				\$ 21,037,000
						\$ -
						\$ -
TOTAL	\$ 1,480,000	\$ 19,557,000	\$ -	\$ -	\$ -	\$ 21,037,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design	1,480,000					\$ 1,480,000
506505 - Const. Othr. Costs		2,385,000				\$ 2,385,000
506510 - Construction		17,172,000				\$ 17,172,000
TOTAL	\$ 1,480,000	\$ 19,557,000	\$ -	\$ -	\$ -	\$ 21,037,000
ESTIMATED ANNUAL OPERATING IMPACT						
Personnel						\$ -
Operating			(62,000)	(62,000)	(62,000)	\$ (186,000)
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ (62,000)	\$ (62,000)	\$ (62,000)	\$ (186,000)
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
				-		
				-		
				-		
TOTAL	\$ -	\$ -	\$ -			

SOUTHWEST WTP WELL REPLACEMENT

PROJECT NUMBER:	5125SW	
LOCATION:	15400 Slydge Mill Road	
STATUS:	New Project	
DEPARTMENT:	Utilities	
PROJECT MANAGER:	Gregg Bagnall	
START DATE:	1/2018	
COMPLETION DATE:	1/2020	
ESTIMATED PROJECT COST:	\$ 2,195,000	

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 included in the work.</p>

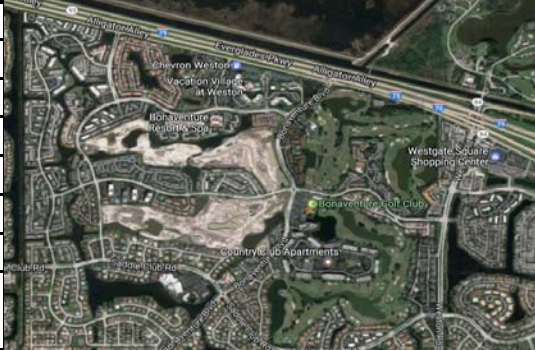
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	5-Year Total
Fund 465	413,000	1,782,000				\$ 2,195,000
						\$ -
						\$ -
TOTAL	\$ 413,000	\$ 1,782,000	\$ -	\$ -	\$ -	\$ 2,195,000

PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design	165,000					\$ 165,000
506505 - Const. Othr. Costs	248,000					\$ 248,000
506510 - Construction		1,782,000				\$ 1,782,000
TOTAL	\$ 413,000	\$ 1,782,000	\$ -	\$ -	\$ -	\$ 2,195,000


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	\$ -	\$ -	\$ -

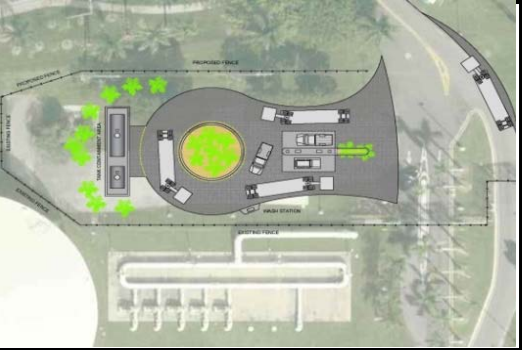
BONAVENTURE SERVICE LINE REPLACEMENTS

PROJECT NUMBER:	5126SY					
LOCATION:	System					
STATUS:	New Project					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Jin Huo					
START DATE:	1/2018					
COMPLETION DATE:	1/2020					
ESTIMATED PROJECT COST:	\$ 5,460,000					
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	FY18	FY19	FY20	FY21	FY22	5-Year Total
Fund 465	630,000	4,830,000			-	\$ 5,460,000
						\$ -
						\$ -
TOTAL	\$ 630,000	\$ 4,830,000	\$ -	\$ -	\$ -	\$ 5,460,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design	630,000					\$ 630,000
506505 - Const. Othr. Costs		630,000				\$ 630,000
506510 - Construction		4,200,000				\$ 4,200,000
TOTAL	\$ 630,000	\$ 4,830,000	\$ -	\$ -	\$ -	\$ 5,460,000
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	\$ -	\$ -	\$ -	\$ -	\$ -	-


SW 121st AVENUE WATER MAIN REPLACEMENT

PROJECT NUMBER:	5127PI					
LOCATION:	System					
STATUS:	New Project					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Jin Huo					
START DATE:	1/2018					
COMPLETION DATE:	1/2020					
ESTIMATED PROJECT COST:	\$ 5,700,000					
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	FY18	FY19	FY20	FY21	FY22	5-Year Total
Fund 465	950,000	4,750,000			-	\$ 5,700,000
						\$ -
						\$ -
TOTAL	\$ 950,000	\$ 4,750,000	\$ -	\$ -	\$ -	\$ 5,700,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design	950,000					\$ 950,000
506505 - Const. Othr. Costs		950,000				\$ 950,000
506510 - Construction		3,800,000				\$ 3,800,000
TOTAL	\$ 950,000	\$ 4,750,000	\$ -	\$ -	\$ -	\$ 5,700,000
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	\$ -	\$ -	\$ -			


SAWGRASS FUEL STATION REHABILITATION

PROJECT NUMBER:	5128SG					
LOCATION:	14150 NW 8th Street					
STATUS:	New Project					
DEPARTMENT:	Fleet Services					
PROJECT MANAGER:	Luisa Arbelaez					
START DATE:	10/2017					
COMPLETION DATE:	4/2019					
ESTIMATED PROJECT COST:	\$ 845,000					
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	FY18	FY19	FY20	FY21	FY22	5-Year Total
Fund 465	\$ 845,000					\$ 845,000
						\$ -
						\$ -
TOTAL	\$ 845,000	\$ -	\$ -	\$ -	\$ -	\$ 845,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design	80,000					\$ 80,000
506505 - Const. Othr. Costs	100,000					\$ 100,000
506510 - Construction	665,000					\$ 665,000
TOTAL	\$ 845,000	\$ -	\$ -	\$ -	\$ -	\$ 845,000
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	\$ -	\$ -	\$ -			


LANDSCAPING & IRRIGATION IMPROVEMENTS AT TREATMENT PLANTS

PROJECT NUMBER:	TBD					
LOCATION:	Varies					
STATUS:	New Project					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Dave Abderhalden					
START DATE:	2/2019					
COMPLETION DATE:	6/2021					
ESTIMATED PROJECT COST:	\$ 857,500					
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 sufficient landscaping and install a reclaimed water irrigation system from the City's new reuse treatment process.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	5-Year Total
Fund 465		472,500	385,000			\$ 857,500
						\$ -
						\$ -
TOTAL	\$ -	\$ 472,500	\$ 385,000	\$ -	\$ -	\$ 857,500
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design		52,500				\$ 52,500
506505 - Const. Othr. Costs		35,000				\$ 35,000
506510 - Construction		385,000	385,000			\$ 770,000
TOTAL	\$ -	\$ 472,500	\$ 385,000	\$ -	\$ -	\$ 857,500
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:	1/2020					
COMPLETION DATE:	12/2021					
ESTIMATED PROJECT COST:	\$ 6,497,000					
DESCRIPTION/JUSTIFICATION						
<p>The Sawgrass W&WWTP 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 costs are for electricity.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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	\$ 7,250
Capital Outlay						\$ -
TOTAL	\$ -	\$ -	\$ -	\$ 3,600	\$ 3,650	\$ 7,250
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
						-
						-
						-
TOTAL	\$ -	\$ -	\$ -			-


SPRINGTREE ION EXCHANGE PROCESS

PROJECT NUMBER:	TBD					
LOCATION:	4350 Springtree Drive					
STATUS:	New Project					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Gregg Bagnall					
START DATE:	11/2018					
COMPLETION DATE:	6/2021					
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.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	5-Year Total
Fund 465		2,430,000	10,080,000			\$ 12,510,000
						\$ -
						\$ -
TOTAL	\$ -	\$ 2,430,000	\$ 10,080,000	\$ -	\$ -	\$ 12,510,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design		1,080,000				\$ 1,080,000
506505 - Const. Othr. Costs		1,350,000				\$ 1,350,000
506510 - Construction			10,080,000			\$ 10,080,000
TOTAL	\$ -	\$ 2,430,000	\$ 10,080,000	\$ -	\$ -	\$ 12,510,000
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 BISCAYNE AQUIFER WELLS 2, 7 & 8 REPLACEMENT

PROJECT NUMBER:	TBD					
LOCATION:	Springtree Biscayne Wellfield					
STATUS:	New Project					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Jin Huo					
START DATE:	11/2019					
COMPLETION DATE:	7/2022					
ESTIMATED PROJECT COST:	\$ 2,502,000					
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	FY18	FY19	FY20	FY21	FY22	5-Year Total
Fund 465			486,000	2,016,000	-	\$ 2,502,000
						\$ -
						\$ -
TOTAL	\$ -	\$ -	\$ 486,000	\$ 2,016,000	\$ -	\$ 2,502,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design			216,000			\$ 216,000
506505 - Const. Othr. Costs			270,000			\$ 270,000
506510 - Construction				2,016,000		\$ 2,016,000
TOTAL	\$ -	\$ -	\$ 486,000	\$ 2,016,000	\$ -	\$ 2,502,000
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	\$ -	\$ -	\$ -			

SPRINGTREE WTP VFD REPLACEMENT- HSP "B"

PROJECT NUMBER:	TBD					
LOCATION:	4350 Springtree Drive					
STATUS:	New Project					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Gregg Bagnall					
START DATE:	2/2019					
COMPLETION DATE:	2/2021					
ESTIMATED PROJECT COST:	\$ 417,000					
DESCRIPTION/JUSTIFICATION						
<p>Unit Substation Transformer at Springtree WTP 500kva 4160volt - which provides power to the main switchgear in the Springtree WTP electrical room - requires replacement. This transformer was installed in the 1970's and has reached its useful life. Additionally this project will include the replacement of the Robicon Variable Frequency Drive (VFD) which operate the main high service pumps which have become obsolete and parts are difficult to obtain.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	5-Year Total
Fund 465		81,000	336,000			\$ 417,000
						\$ -
						\$ -
TOTAL	\$ -	\$ 81,000	\$ 336,000	\$ -	\$ -	\$ 417,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design		36,000				\$ 36,000
506505 - Const. Othr. Costs		45,000				\$ 45,000
506510 - Construction			336,000			\$ 336,000
TOTAL	\$ -	\$ 81,000	\$ 336,000	\$ -	\$ -	\$ 417,000
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	\$ -	\$ -	\$ -			-

WATER SYSTEM-WIDE ZONE METERING

PROJECT NUMBER:	TBD					
LOCATION:	Varies					
STATUS:	New Project					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Jin Huo					
START DATE:	2/2019					
COMPLETION DATE:	5/2020					
ESTIMATED PROJECT COST:	\$ 350,000					
DESCRIPTION/JUSTIFICATION						
<p>Water System-wide Zone Metering Installation (4 to 5 meters) This project provides the capability to meter and monitor water that flows to sub-regions within the City's distribution system.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	5-Year Total
Fund 465		350,000				\$ 350,000
						\$ -
						\$ -
TOTAL	\$ -	\$ 350,000	\$ -	\$ -	\$ -	\$ 350,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design						\$ -
506505 - Const. Othr. Costs						\$ -
506510 - Construction		350,000				\$ 350,000
TOTAL	\$ -	\$ 350,000	\$ -	\$ -	\$ -	\$ 350,000
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	\$ -	\$ -			\$ -	

STORMWATER PUMP STATION #5 REPLACEMENT



PROJECT NUMBER:	6305
LOCATION:	9601 Sunrise Lakes Boulevard
STATUS:	In Progress - Design
DEPARTMENT:	Utilities Public Works
PROJECT MANAGER:	Guarionex De Los Santos
START DATE:	2/2013
COMPLETION DATE:	9/2018
ESTIMATED PROJECT COST:	\$ 5,013,920

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 in this project include removal of pollution from the canal and use of a cleaner burning natural gas generator.

FUNDING SOURCES

FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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	5,013,920	239,475	4,774,445
			-
			-
TOTAL	\$ 5,013,920	\$ 239,475	\$ 4,774,445


STORMWATER PUMP STATION #4

PROJECT NUMBER:	6317					
LOCATION:	8510 Sunrise Lakes Boulevard					
STATUS:	In Progress - Construction					
DEPARTMENT:	Utilities - Public Works					
PROJECT MANAGER:	Mark Winslow					
START DATE:	10/2015					
COMPLETION DATE:	10/2017					
ESTIMATED PROJECT COST:	\$ 313,134					
DESCRIPTION/JUSTIFICATION						
<p>Stormwater Pump Station # 4 provides flood protection for predominantly residential neighborhoods including the Sunrise Lakes Phase II Condominium Complex. This project will include the slip line repair of the existing pump station by-pass culvert, installation of a new by-pass culvert discharge control gate and headwalls and stabilization of the pump station canal embankments on the upstream and downstream sides of the by-pass pipe. This project will be designed and managed by City Staff.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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	313,134	215,647	97,487			
						-
						-
TOTAL	\$ 313,134	\$ 215,647	\$ 97,487			


EAST SUNRISE DRAINAGE IMPROVEMENTS

PROJECT NUMBER:	6324					
LOCATION:	Various Streets					
STATUS:	In Progress - Construction					
DEPARTMENT:	Utilities - Public Works					
PROJECT MANAGER:	Guarionex De Los Santos					
START DATE:	10/2015					
COMPLETION DATE:	12/2017					
ESTIMATED PROJECT COST:	\$ 495,602					
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	FY18	FY19	FY20	FY21	FY22	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	495,602	76,385	419,217			
			-			
			-			
TOTAL	\$ 495,602	\$ 76,385	\$ 419,217			


7100 W. OAKLAND PARK BOULEVARD DITCH IMPROVEMENT

PROJECT NUMBER:	6325					
LOCATION:	7100 W. Oakland Park Boulevard					
STATUS:	New Project					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Mark Winslow					
START DATE:	1/2017					
COMPLETION DATE:	2/2019					
ESTIMATED PROJECT COST:	\$ 283,000					
DESCRIPTION/JUSTIFICATION						
<p>This project will make improvements to an existing drainage ditch along the southern side of the property located at 7100 W. Oakland Park Boulevard. Work may include regrading of the existing ditch or replacing the ditch with an underground pipe.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	5-Year Total
Fund 444						\$ -
						\$ -
						\$ -
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	283,000	7,846	275,154			
			-			
			-			
TOTAL	\$ 283,000	\$ 7,846	\$ 275,154			


CITY WIDE BOAT RAMP REPLACEMENT PROGRAM

PROJECT NUMBER:	6326					
LOCATION:	Various					
STATUS:	New Project					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Mark Winslow					
START DATE:	10/2017					
COMPLETION DATE:	Ongoing					
ESTIMATED PROJECT COST:	\$ 2,000,000					
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 several maintenance activities. Maintenance involves the removal of debris that may have the potential obstruction of 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	FY18	FY19	FY20	FY21	FY22	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			
						-
						-
						-
TOTAL	\$ -	\$ -	\$ -			-

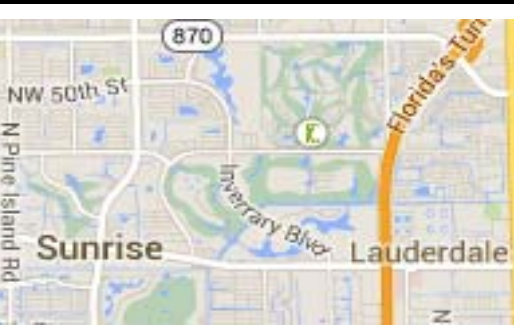
NW 68TH AVENUE CANAL HEADWALL REPLACEMENT

PROJECT NUMBER:	6327					
LOCATION:	2550 NW 68th Avenue					
STATUS:	New Project					
DEPARTMENT:	Utilities					
PROJECT MANAGER:	Mark Winslow					
START DATE:	10/2017					
COMPLETION DATE:	9/2018					
ESTIMATED PROJECT COST:	\$ 450,000					
DESCRIPTION/JUSTIFICATION						
<p>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.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	5-Year Total
Fund 444	450,000					\$ 450,000
						\$ -
						\$ -
TOTAL	\$ 450,000	\$ -	\$ -	\$ -	\$ -	\$ 450,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design	15,000					\$ 15,000
506505 - Const. Othr. Costs	50,000					\$ 50,000
506510 - Construction	385,000					\$ 385,000
TOTAL	\$ 450,000	\$ -	\$ -	\$ -	\$ -	\$ 450,000
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	\$ -	\$ -	\$ -			-


BOTANIKO DEVELOPMENT

PROJECT NUMBER:	309					
LOCATION:	Weston Bonaventure					
STATUS:	In Progress - Design					
DEPARTMENT:	Utilities - Gas					
PROJECT MANAGER:	Jeffrey Elliott					
START DATE:	10/2015					
COMPLETION DATE:	9/2018					
ESTIMATED PROJECT COST:	\$ 206,000					
DESCRIPTION/JUSTIFICATION						
<p>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.</p> <p>Annual operating expenses include annual inspections required by regulation.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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	500	1,000	1,000	1,000	1,000	\$ 4,500
Capital Outlay						\$ -
TOTAL	\$ 500	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 4,500
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 475	206,000	23	205,977			
			-			
			-			
TOTAL	\$ 206,000	\$ 23	\$ 205,977			


HIGH PRESSURE SUPPLY MAIN

PROJECT NUMBER:	310					
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 distribution 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 for 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 expenses.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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	\$ 120,000
Capital Outlay						\$ -
TOTAL	\$ -	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 120,000
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	-	6,567,880			
			-			
			-			
TOTAL	\$ 6,567,880	\$ -	\$ 6,567,880			

METROPICA


PROJECT NUMBER:	312					
LOCATION:	NW 136TH AVE & W SUNRISE BLVD					
STATUS:	In Progress - Design					
DEPARTMENT:	Utilities - Gas					
PROJECT MANAGER:	Jeffrey Elliott					
START DATE:	10/2015					
COMPLETION DATE:	3/2018					
ESTIMATED PROJECT COST:	\$ 60,000					
DESCRIPTION/JUSTIFICATION						
<p>The project is to install the natural gas main infrastructure to the Metropica Development. This is only to install the primary gas main infrastructure during the land development phase for this project. The project broke ground in 2016, with an anticipated 10 year build out. Costs beyond the first year are unknown because the type and size of gas customers to be added to the system have not been determined. This will be a high density, mixed-use (i.e. commercial/residential) development.</p> <p>Annual operating expenses include annual inspections required by regulation.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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	100	100	100	100	100	\$ 500
Capital Outlay						\$ -
TOTAL	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 500
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget		Project-to-Date (PTD) Actuals		Project-to-Date (PTD) Balance	
Fund 475	60,000		-		60,000	
					-	
					-	
TOTAL	\$ 60,000		\$ -		\$ 60,000	

GAS EXTENSION TO SHOPPING PLAZA

PROJECT NUMBER:	320					
LOCATION:	Weston Lakes Plaza					
STATUS:	New Project					
DEPARTMENT:	Utilities - Gas					
PROJECT MANAGER:	Jeffrey Elliott					
START DATE:	10/2015					
COMPLETION DATE:	9/2018					
ESTIMATED PROJECT COST:	\$ 150,000					
DESCRIPTION/JUSTIFICATION						
<p>This project extends the gas distribution system to provide natural gas to an existing shopping plaza containing a Publix supermarket and three additional restaurants.</p> <p>Annual operating expenses include annual inspections required by regulation.</p>						
FUNDING SOURCES						
FUND/SOURCE	FY18	FY19	FY20	FY21	FY22	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	500	500	500	500	500	\$ 2,500
Capital Outlay						\$ -
TOTAL	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500	\$ 2,500
HISTORICAL PROJECT-TO-DATE						
FUND	Project-to-Date (PTD) Budget	Project-to-Date (PTD) Actuals	Project-to-Date (PTD) Balance			
Fund 475	150,000	-	150,000			
			-			
			-			
TOTAL	\$ 150,000	\$ -	\$ 150,000			




QUICK SERVICE AREA AND STORAGE AREA ROOFS

PROJECT NUMBER:	6492					
LOCATION:	5580 NW 108 AVE					
STATUS:	New Project					
DEPARTMENT:	Utilities - Fleet Services					
PROJECT MANAGER:	Earl Prizlee					
START DATE:	10/2017					
COMPLETION DATE:	6/2019					
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	FY18	FY19	FY20	FY21	FY22	5-Year Total
Fund 502	245,000					\$ 245,000
						\$ -
						\$ -
TOTAL	\$ 245,000	\$ -	\$ -	\$ -	\$ -	\$ 245,000
PROJECT COMPONENTS						
506100 - Land Purchase						\$ -
506502 - Const. Design	35,000					\$ 35,000
506505 - Const. Othr. Costs	30,000					\$ 30,000
506510 - Construction	180,000					\$ 180,000
TOTAL	\$ 245,000	\$ -	\$ -	\$ -	\$ -	\$ 245,000
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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



New Enterprise Resource Planning System

PROJECT NUMBER:	IT0001					
LOCATION:	City-Wide					
STATUS:	In Progress					
DEPARTMENT:	Information Technology					
PROJECT MANAGER:	Laurie Gagner					
START DATE:	3/2016					
COMPLETION DATE:	3/2020					
ESTIMATED PROJECT COST:	\$ 4,300,000					
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	FY18	FY19	FY20	FY21	FY22	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 503	4,300,000	1,766,770	2,533,230			
			-			
			-			
TOTAL	\$ 4,300,000	\$ 1,766,770	\$ 2,533,230			

