



CITY OF RIVIERA BEACH, FLORIDA

Five-Year Capital Improvement Plan (Tentative)

FY 2018 – 2022



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SECTION I

INTRODUCTION



Riviera Beach Heights Community Center is designed as a multi-purpose community activity building at the northeast corner of West 5th Street and Avenue G. Ground breaking ceremony was held on August 12, 2017 at the site with expected completion during 2018.

ELECTED OFFICIALS

The elected officials responsible for the governance of the City of Riviera Beach are as follows:



Thomas A. Masters
Mayor



Lynne L. Hubbard
District 1



Kashamba L. Miller - Anderson
Chairperson
District 2



Tonya Davis Johnson
Chair Pro-Tem
District 3



Dawn S. Pardo
District 4



Terence D. Davis
District 5

DEPARTMENT DIRECTORY

CITY ADMINISTRATION	Jonathan Evans City Manager (561) 845-4010 jevans@rivierabch.com
	Danny Jones Assistant City Manager (561) 845-4010 ddjones@rivierabch.com
CITY ATTORNEY	Andrew Degraffenreidt City Attorney (561) 845-4069 cityattorney@rivierabch.com
FINANCE AND ADMINISTRATIVE SERVICES	Randy Sherman Director (561) 845-4040 financedept@rivierabch.com
CITY CLERK	Claudene Anthony City Clerk (561) 845-4090
HUMAN RESOURCES	Bruce Davis Director (561) 840-4880 hr@rivierabch.com
PROCUREMENT	Vacant Director (561) 845-4180 purchasing@rivierabch.com
INFORMATION TECHNOLOGY	Vacant Director (561) 845-4000 infotech@rivierabch.com
POLICE	Clarence Williams Police Chief (561) 845-4110 police@rivierabch.com
FIRE	Reginald Duren Fire Chief (561) 845-4110 fire@rivierabch.com
PUBLIC WORKS AND STORMWATER	Brynt Johnson Director (561) 845-4080 publicworks@rivierabch.com
DEVELOPMENT SERVICES	Terrence Bailey Director (561) 845-4060 comdev@rivierabch.com
UTILITY SPECIAL DISTRICT	Vacant Executive Director (561)845-4185 utilities@rivierabch.com
PARKS AND RECREATION	Richard Blankenship Director (561) 845-4070 parksandrec@rivierabch.com
LIBRARY	Cynthia Cobb Director (561) 845-4195

Our Mission

We are committed to creating an exceptional City by providing excellent customer service, progressive leadership, and accountable stewardship.

Our Vision

To be the best waterfront City in which to live, work, and play.

Our Values

Professionalism

Ethics

Excellence in customer service

Integrity

Diversity

Respect for opinions

Transparency

Innovation

CITY'S GOALS

The City's primary focus is to continue improving the quality of life for its citizens while maintaining a strong financial position. The following are the goals established by Council for FY 2018.

- Promote public safety and address the challenges and opportunities to improve the quality of life for residents and enhance the relationships within the community.

Public Safety



- Promote and foster a friendly business atmosphere and work to strengthen and create mutually beneficial partnerships.

Economic Development



- Develop a strategic framework that addresses a broad range of infrastructure needs to provide a sustainable and livable community for future generations.

Infrastructure



- Strengthen and support social services and education opportunities for the benefit of all residents.

Education



- Value and support racial, socio-economic, cultural, and religious diversity for the City.

Demographics



SECTION II

CAPITAL IMPROVEMENT PLAN



Bicentennial Park at the Riviera Beach Marina Village at Broadway and 22nd Street was completed in 2016.

CAPITAL IMPROVEMENT PLAN PROCESS

Capital expenditures include the purchase and acquisition of land, buildings and improvements, improvements other than buildings, furniture, machinery and equipment, and infrastructure, such as roadways, lighting, landscaping. The City defines capital assets as property that has a value of \$10,000 or more with a useful life of three or more years and maintain its identity while in use. Expenditures which materially extend the useful life of existing assets are capitalized.

Capital assets, constructed or acquired, are capitalized and reported at historical cost. Reported value excludes normal maintenance and repairs which are essentially amounts spent in relation to capital assets that do not increase the capacity or efficiency of the item or extend its useful life beyond the original estimate. Donated capital assets are recorded at the estimated fair value of the item at the date of its donation.

Capital assets, other than land, are depreciated using the straight-line method over the estimated useful lives, and assets purchased during the year are capitalized for six months during the first year, regardless of when acquired.

Capital Budget

The Capital Budget is the first year of the Capital Improvement Plan and includes a list of projects to implement in that fiscal year. The FY 2018 Capital Budget anticipates \$55.666 million in capital projects, which comprises \$24.237 million in projects attributed to the Governmental Funds and \$31.429 million in projects attributed to the City's Enterprise Funds.

Capital Improvement Plan (CIP)

The City continues to fund capital programs to meet the standards set forth in its Comprehensive Plan and positively impact, the quality of life for its residents, businesses, and visitors. As shown below, the largest category of capital spending is on utility projects. Due to the age of the City's infrastructure, the City determined that major utility replacements must occur in many critical areas and neighborhoods throughout the City limits. At the same time, as a result of the tremendous growth experienced in prior years, along with the Florida Department of Environmental Protection mandates, it is imperative that the City's utility facilities are functioning properly and can provide quality service to both current and future demand. The City's Five-Year CIP for fiscal years 2018 through 2022 amounts to \$124.724 million as follows:

Governmental		Enterprise	
Asset Category	Five-Year Total	Asset Category	Five-Year Total
City Facilities	\$18,969,228	City Facilities	\$4,138,000
Community Park	1,775,979	Equipment	3,169,605
Economic Development	1,152,979	Technology	40,000
Infrastructure	18,192,766	Marina Infrastructure	3,480,000
Streets	2,025,000	Stormwater System	10,000,000
Technology	6,146,656	Water and Wastewater Systems	55,633,464
Total	\$48,262,608	Total	\$76,461,069

CAPITAL IMPROVEMENT PLAN PROCESS

Capital Budgeting Process

The City's Capital Improvement Plan is one of the most significant components of the City's financial plan. For the FY 2018 capital budget process, the City Manager, in conjunction with Finance Department, met with Department Heads to prioritize projects to ensure that the needs of the City are addressed in a timely and efficient manner while meeting the City's established goals.

Periodically, the Finance Department reviews unexpended balances for existing budgeted capital projects to determine if balances can be reallocated to other areas or are sufficient to provide funding for ongoing projects. The City Manager, Finance Department and Department Heads work closely to develop detailed project schedules for capital projects in order to ensure that adequate funding is available for the project.

Capital Budgeting Calendar

Year 2017	Capital Budget Activity
April 10	Distribution of FY 2018 Budget Guidance to department heads
April 21	Submission of organizational structure, goals, objectives, key initiatives, and operating and capital requests by Department
May 12	Review departmental requests and formulate recommendations
May 15 to June 1	Meet with departments and employees to justify budget requests
June 5 to 6	Discuss capital plan with Council
June 28 and June 30	Review capital plan with Council
July 2 to 16	Final review of capital plan with departments
August 21	Review capital budget with Council
September 7 and 20	Adopt Five-Year Capital Improvement Plan
October 1	Implement adopted capital budget for FY 2018

CAPITAL IMPROVEMENT PLAN

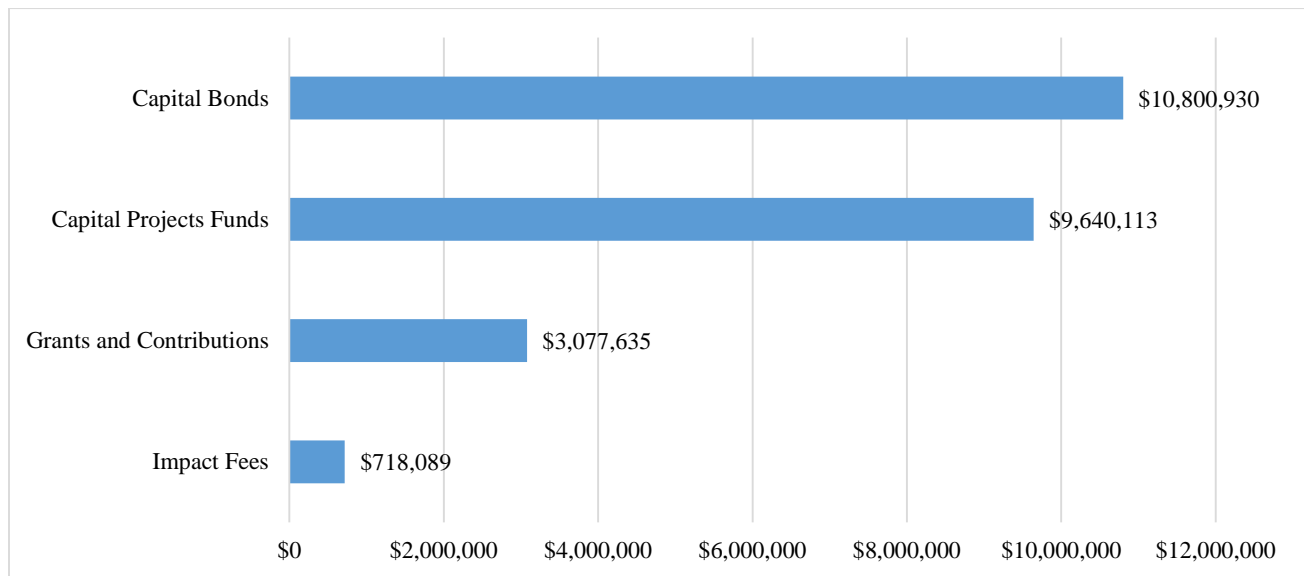
GOVERNMENTAL PROJECTS



During 2017, the City designed and constructed Welcome Signs at various locations throughout the City. The City will continue with the installation of welcome signs during 2018.

GOVERNMENTAL PROJECTS FUNDING SOURCES

FY 2018 Capital Budget by Funding Source: \$24,236,766



Five –Year Capital Improvement Plan Financing Plan

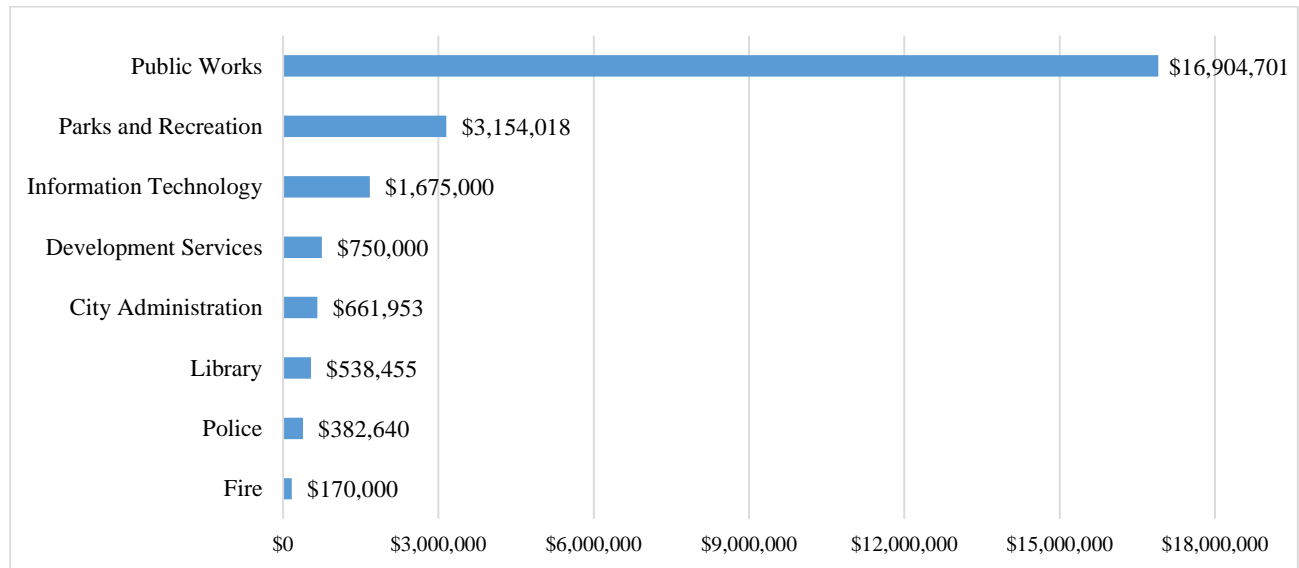
Funding Source	In Progress	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	5-Year Total
Capital Bonds	\$587,286	\$10,800,930	\$4,601,233	\$580,000	\$580,000	\$580,000	\$17,729,449
Capital Projects Funds	1,527,796	9,640,113	4,100,000	5,750,000	3,800,000	1,050,000	25,867,909
Grants & Contributions	30,685	3,077,635	644,742	104,642	89,457	-	3,947,161
Impact Fees	-	718,089	-	-	-	-	718,089
Total Funding Sources	\$2,145,767	\$24,236,767	\$9,345,975	\$6,434,642	\$4,469,457	\$1,630,000	\$48,262,608

GOVERNMENTAL PROJECTS FUNDING SOURCES

Fund No.	Source of Funding	Description	FY 2018 Amount
108	U.S. Department of Housing and Urban Development Community Development Block Grant (CDBG)	CDBG program provides funding to address a wide range of community development needs. The City uses CDBG funds for street improvement projects within the City.	\$155,000
109	Solid Waste Authority of Palm Beach County Distressed Property Clean-up and Beautification Grant	Grant provides funding for the rehabilitation and beautification of Cunningham Park.	99,070
108 & 109	Contributions, Donations, and Sale Proceeds	Contributions and donations from private sources and proceeds from sale of property to assist with capital improvement projects and economic development activities within the City.	1,392,680
111	Edward Byrne Memorial Justice Assistance Grant	Grant provides funding to acquire body worn cameras for police officers.	130,885
137	Florida Department of State Aid to Libraries Grant	Grant provides funding for the construction of the new library.	500,000
140	Florida Department of Environmental Protection – Statewide Surface Water Restoration and Wastewater Projects	Grant provides funding to assist with capital improvement needs for stormwater and wastewater projects.	800,000
301	Gas Tax Capital - Second Local Option Fuel Tax	Florida Statutes entitles the City to receive taxes on motor fuel sold within the County. The <i>Second Local Option Fuel Tax</i> is the second tax which is one to five cents levied on every net gallon of motor fuel sold within a county. Diesel fuel is not subject to this tax. The proceeds may only be used for transportation expenditures needed to meet the requirements of the capital improvements element of an adopted local government comprehensive plan.	150,000
303	Impact Fees	Impact fees are charged to contribute to the costs associated with infrastructure and public services that need to be expanded as a direct result of new development in the growth areas of the City, which require substantial investment and construction of capital facilities before or in conjunction with future development and are determined based on the type of development. Impact fees are used to fund fire rescue, law enforcement, public buildings, roads, libraries, parks and recreation, general government, public safety, and transportation capital improvement projects. Funds collected from impact fees may only be used to provide for new capital facilities which are necessary as a result of the new development. Impact fees are based on various factors based on land use and building size.	718,089
305	Capital Improvement Funds	As per the 2004 Asset Purchase Agreement between the City and USD, USD is required to pay the City half of water and wastewater impact fees collected.	3,276,580
309	Contributions and Donations	Contributions and donations from private sources used to assist with capital improvement projects within the City.	157,549
310	Capital Bond Proceeds	Funds received by the City from USD for the transfer of the water and wastewater operations in 2004. These funds are used for capital improvement projects.	4,800,930
311	Capital Bond Proceeds	In 2015, the City issued Public Improvement Revenue Bond, Series 2014 to finance capital improvement projects.	6,000,000
312	Capital Projects Funds	Pay as you go funding is derived from the additional property tax revenues received by the City from the FPL power plant improvements. Funds are transferred from the General Fund to a Capital Projects Fund and are used to finance capital improvement projects as opposed to incurring debt to pay for capital projects.	6,055,984
Total Funding Sources			\$24,236,767

GOVERNMENTAL PROJECTS BY DEPARTMENT AND PRIORITY

FY 2018 Capital Budget by Department: \$24,236,767



Five –Year Capital Improvement Plan by Department

Department	In Progress	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	5-Year Total
City Administration	\$9,860	\$661,953	\$144,742	\$104,642	\$89,457	\$-	\$1,010,654
Development Services	30,685	750,000	500,000	500,000	500,000	500,000	2,780,685
Fire	-	170,000	2,550,000	3,700,000	1,750,000	-	8,170,000
I.T.	703,833	1,675,000	1,000,000	1,000,000	1,000,000	-	5,378,833
Library	142,413	538,455	500,000	1,000,000	1,000,000	1,000,000	4,180,868
Parks and Recreation	5,321	3,154,018	-	-	-	-	3,159,339
Police	31,378	382,640	80,000	80,000	80,000	80,000	734,018
Public Works	1,222,277	16,904,701	4,571,233	50,000	50,000	50,000	22,842,211
Total by Department	\$2,145,767	\$24,236,767	\$9,345,975	\$6,434,642	\$4,469,457	\$1,630,000	\$48,262,608

Five –Year Capital Improvement Plan by Priority

Priority	In Progress	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	5-Year Total
1 - Severe	\$1,740,539	\$20,286,807	\$9,051,233	\$4,330,000	\$2,580,000	\$1,580,000	\$39,568,579
2 - High	144,200	3,198,298	244,742	2,054,642	1,839,457	-	7,481,339
3 - Low	261,028	751,662	50,000	50,000	50,000	50,000	1,212,690
Total by Priority	\$2,145,767	\$24,236,767	\$9,345,975	\$6,434,642	\$4,469,457	\$1,630,000	\$48,262,608

GOVERNMENTAL PROJECTS BY DEPARTMENT

Project Title	Department	Priority	FY 2018	5-Year Total
Parking Master Plan	City Administration	2	\$128,500	\$138,360
Economic Opportunity	City Administration	2	533,453	872,294
City Administration Total			661,953	1,010,654
Singer Island Dune Restoration	Development Services	1	500,000	2,500,000
Unsafe Building Program (Demo)	Development Services	2	250,000	280,685
Development Services Total			750,000	2,780,685
Fire Station 1 Driveway Repair	Fire	1	70,000	70,000
Fire Station 2 Rebuild	Fire	1	100,000	4,300,000
Fire Station 3 Rebuild	Fire	2	-	3,800,000
Fire Total			170,000	8,170,000
IT Master Plan	Information Technology	1	1,500,000	5,203,833
Trailer for IT	Information Technology	1	175,000	175,000
Information Technology Total			1,675,000	5,378,833
Public Library Construction	Library	1	538,455	4,180,868
Library Total			538,455	4,180,868
Cunningham Park	Parks and Recreation	1	1,570,000	1,570,000
Municipal Beach Trellises	Parks and Recreation	1	205,619	205,979
Southside Community Center	Parks and Recreation	1	1,378,399	1,383,360
Parks and Recreation Total			3,154,018	3,159,339
Police Technology Enhancements	Police	1	80,000	400,000
Police Body Worn Cameras	Police	1	278,974	278,974
Portable Radio Replacement-P25	Police	3	23,666	55,044
Police Total			382,640	734,018
Access Control System	Public Works	1	205,025	208,805
City Hall Improvements	Public Works	1	125,000	130,000
City Welcome Signs	Public Works	1	188,780	303,780
Palm Beach Isles Bridge	Public Works	1	1,478,655	1,771,561
Public Works Building	Public Works	1	5,000,000	5,000,000
Singer Island Beach Access Path	Public Works	1	92,900	92,900
Street Improvements	Public Works	1	6,800,000	11,793,519
Mill and Resurface	Public Works	2	365,000	365,000
Neighborhood Sector 1	Public Works	2	525,000	525,000
Neighborhood Sector 2	Public Works	2	625,000	625,000
Neighborhood Sector 3	Public Works	2	250,000	250,000
Neighborhood Sector 4	Public Works	2	521,345	625,000
BHB Underdeck Lighting	Public Works	3	577,996	577,996
Sidewalk Repair and Replacement	Public Works	3	100,000	329,650
Traffic Calming Devices	Public Works	3	50,000	250,000
Public Works Total			16,904,701	22,848,211
Grand Total			\$24,236,767	\$48,262,608

GOVERNMENTAL PROJECTS

PROJECT PROFILES



During 2018, the City is planning up to \$9 million in street improvements.

Parking Master Plan

Type:
Economic Development

Project #: 41040

A/C #:
312-0203-545-0-3106

Location:
Ocean Mall
Marina District

Goal(s) Achieved:



Department:
City Administration

Project Status:
Planning

Project Rank: 2
High

Project Year:
FY2018

Project Description

The purpose of the parking plan is to develop parking policies and procedures, program goals and a mission statement provide standards and performance metrics used to measure performance, regulations for commercial parking, on-street parking, citation fee structure, provide current operating budget.



Project Funding

Fiscal Year	Capital Fund	Total
In Progress	9,860	9,860
2018	128,500	128,500
2019		
2020		
2021		
2022		
Total	\$138,360	\$138,360

Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
Total			

Economic Opportunity and Business Development

Type:
Economic Development

Project #: 41046

A/C #:
109-0203-559-0-8201

Location:
City-wide

Goal(s) Achieved:



Department:
Executive

Project Status:
Planning/Under Contract

Project Rank: 2
High

Project Year:
FY2018

Project Description

Funds to support business, economic development, and job creation projects.









Project Funding

Fiscal Year	Sale Proceeds	Total
In Progress		
2018	533,453	533,453
2019	144,742	144,742
2020	104,642	104,642
2021	89,457	89,457
2022		
Total	\$872,294	\$872,294

Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
Total			

Singer Island Dune Restoration																																										
<p>Type: Infrastructure</p> <p>Project #: 41056</p> <p>A/C #: 310-1123-537-0-6301</p> <p>Location: Singer Island</p> <p>Goal(s) Achieved:</p> <div style="display: flex; justify-content: space-around;">   </div> <p>Department: Development Services</p> <p>Project Status: Contracted with Palm Beach County</p> <p>Project Rank: 1 Severe</p> <p>Project Year: FY2018 – FY2022</p>	<p style="background-color: #e1eef6; padding: 5px;">Project Description</p> <p>Singer Island, north of Ocean Reef Park has historically experienced major erosion. The condominium buildings and surrounding improvements are threatened by erosion. On September 19, 2012 the City entered into a long term (10 year) cost sharing agreement with the County to fund dune restoration. The agreement stipulates that the City fund 20% of future project costs.</p>  <p style="background-color: #e1eef6; padding: 5px;">Project Funding</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Fiscal Year</th> <th style="width: 35%;">Capital Bonds</th> <th style="width: 35%;">Total</th> </tr> </thead> <tbody> <tr> <td>In Progress</td> <td></td> <td></td> </tr> <tr> <td>2018</td> <td style="text-align: right;">500,000</td> <td style="text-align: right;">500,000</td> </tr> <tr> <td>2019</td> <td style="text-align: right;">500,000</td> <td style="text-align: right;">500,000</td> </tr> <tr> <td>2020</td> <td style="text-align: right;">500,000</td> <td style="text-align: right;">500,000</td> </tr> <tr> <td>2021</td> <td style="text-align: right;">500,000</td> <td style="text-align: right;">500,000</td> </tr> <tr> <td>2022</td> <td style="text-align: right;">500,000</td> <td style="text-align: right;">500,000</td> </tr> <tr> <td>Total</td> <td style="text-align: right;">\$2,500,000</td> <td style="text-align: right;">\$2,500,000</td> </tr> </tbody> </table> <p style="background-color: #e1eef6; padding: 5px;">Operating Budget Impact</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">Type</th> <th style="width: 50%;">Description</th> <th style="width: 15%;">Amount</th> <th style="width: 15%;">Impact Year</th> </tr> </thead> <tbody> <tr> <td>Personnel</td> <td rowspan="4">Personnel hours and materials required.</td> <td></td> <td></td> </tr> <tr> <td>Operating</td> <td></td> <td></td> </tr> <tr> <td>Other</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td></td> <td></td> </tr> </tbody> </table>	Fiscal Year	Capital Bonds	Total	In Progress			2018	500,000	500,000	2019	500,000	500,000	2020	500,000	500,000	2021	500,000	500,000	2022	500,000	500,000	Total	\$2,500,000	\$2,500,000	Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total		
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Unsafe Building Program (Demolition)																																																		
<p>Type: Economic Development</p> <p>Project #: 41047</p> <p>A/C #: 109-0717-529-0-4617 109-1224-572-0-6251</p> <p>Location: City-wide</p> <p>Goal(s) Achieved:</p> <div style="display: flex; justify-content: space-around;">   </div>  <p>Department: Development Services</p> <p>Project Status: Planning</p> <p>Project Rank: 2 High</p> <p>Project Year: FY2018 – FY2022</p>	<p>Project Description Acquisition or demolition of unsafe building structures.</p> <div style="text-align: center;">  </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3">Project Funding</th> </tr> <tr> <th style="width: 30%;">Fiscal Year</th> <th style="width: 35%;">Contribution</th> <th style="width: 35%;">Total</th> </tr> </thead> <tbody> <tr> <td>In Progress</td> <td style="text-align: right;">30,685</td> <td style="text-align: right;">30,685</td> </tr> <tr> <td>2018</td> <td style="text-align: right;">250,000</td> <td style="text-align: right;">250,000</td> </tr> <tr> <td>2019</td> <td></td> <td></td> </tr> <tr> <td>2020</td> <td></td> <td></td> </tr> <tr> <td>2021</td> <td></td> <td></td> </tr> <tr> <td>2022</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td style="text-align: right;">\$280,685</td> <td style="text-align: right;">\$280,685</td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4">Operating Budget Impact</th> </tr> <tr> <th style="width: 20%;">Type</th> <th style="width: 50%;">Description</th> <th style="width: 15%;">Amount</th> <th style="width: 15%;">Impact Year</th> </tr> </thead> <tbody> <tr> <td>Personnel</td> <td rowspan="3">Personnel hours and materials required.</td> <td></td> <td></td> </tr> <tr> <td>Operating</td> <td></td> <td></td> </tr> <tr> <td>Other</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Project Funding			Fiscal Year	Contribution	Total	In Progress	30,685	30,685	2018	250,000	250,000	2019			2020			2021			2022			Total	\$280,685	\$280,685	Operating Budget Impact				Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total			
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Total																																																		

Fire Station 1 Driveway Repair



Type:
Infrastructure

Project #: 41234

A/C #:
310-0920-522-0-6355

Location:
Station 1

Goal(s) Achieved:

Department:
Fire

Project Status:
Planning

Project Rank: 1
Severe

Project Year:
FY2018

Project Description

The concrete driveways in the front and rear of Fire Station #1 are cracking and crumbling, and damaging our apparatus. They are potentially unsafe to walk on for firefighters and civilians in front of station.



Project Funding

Fiscal Year	Capital Bonds	Total
In Progress		
2018	70,000	70,000
2019		
2020		
2021		
2022		
Total	\$70,000	\$70,000

Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
Total			

Fire Station 2 Rebuild



Type:
City Facility

Project #: 41237

A/C #:
312-0920-522-2-3106

Location:
E. Blue Heron Blvd.

Goal(s) Achieved:

Department:
Fire

Project Status:
Planning

Project Rank: 1
Severe

Project Year:
FY2018

Project Description

Fire Station #2 is over 40 years old and in need of updating to current standards. This will include the installation of sprinklers, alarm systems, clean rooms, exhaust systems, security and other hardening features, segregated restrooms and secure medical rooms.



Project Funding

Fiscal Year	Capital Fund	Total
In Progress		
2018	100,000	100,000
2019	2,450,000	2,450,000
2020	1,750,000	1,750,000
2021		
2022		
Total	\$4,300,000	\$4,300,000

Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
Total			

Fire Station 3 Rebuild

Type:
City Facility

Project #: 41236

A/C #:
312-0920-522-3-3106

Location:
Station 3

Goal(s) Achieved:
Replace aging facility

Department:
Fire

Project Status:
Planning

Project Rank: 2
High

Project Year:
FY2019



Project Description

Fire Station #3 is over 40 years old and is in need of updating to current standards. This project includes installation of sprinklers, alarm systems, clean rooms, exhaust systems, security and other hardening features, segregated restrooms and secure medical rooms.



Project Funding

Fiscal Year	Capital Fund	Total
In Progress		
2018		
2019	100,000	100,000
2020	1,950,000	1,950,000
2021	1,750,000	1,750,000
2022		
Total	\$3,800,000	\$3,800,000

Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
Total			

Cunningham Park Improvement

Type:
Community Park

Project #: 41064

A/C #:
303-1234-572-2-6251
310-1234-572-0-6352
109-1234-572-0-6351

Location:
Cunningham Park
Riviera Beach

Goal(s) Achieved:



Department:
Parks and Recreation

Project Status:
Designed

Project Rank: 2
High

Project Year:
FY2018

Project Description

The renovation of Cunningham Park includes new basketball court resurfacing, tennis courts, restroom building, small and large pavilions, playground equipment, landscaping, irrigation, lighting, signage, park furniture and new entry feature. Funding below is being supplemented through Neighborhood Sector Funds.



Project Funding

Fiscal Year	Impact Fees	Capital Bonds	SWA Grant	Total
In Progress				
2018	570,000	900,930	99,070	1,570,000
2019				
2020				
2021				
2022				
Total	\$570,000	\$900,930	\$99,070	\$1,570,000

Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
Total			

Municipal Beach Trellises																																										
<p>Type: Infrastructure</p> <p>Project #: 41060</p> <p>A/C #: 312-1237-572-0-6401</p> <p>Location: Municipal Beach</p> <p>Goal(s) Achieved:</p> <div style="text-align: center; margin: 10px 0;">  </div> <p>Department: Parks and Recreation</p> <p>Project Status: Close-out process</p> <p>Project Rank: 1 Severe</p> <p>Project Year: FY2018</p>	<div style="background-color: #e1f5fe; padding: 5px;">Project Description</div> <p>There are four trellises at the Municipal Beach. The wooden trellises have begun to rot at numerous spots. More importantly the legs of the trellises are showing signs of decay. Eventually, the trellis legs will deteriorate to the point where they will not be able to support the upper weight. When that happens the trellises would be at risk of blowing over in high winds. Recommendation is to replace the trellises with composite plastic lumber to prevent rotting.</p> <div style="text-align: center; margin: 10px 0;">  </div> <div style="background-color: #e1f5fe; padding: 5px;">Project Funding</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Fiscal Year</th> <th style="width: 45%;">Capital Project Fund</th> <th style="width: 30%;">Total</th> </tr> </thead> <tbody> <tr> <td>In Progress</td> <td style="text-align: right;">360</td> <td style="text-align: right;">360</td> </tr> <tr> <td>2018</td> <td style="text-align: right;">205,619</td> <td style="text-align: right;">205,619</td> </tr> <tr> <td>2019</td> <td></td> <td></td> </tr> <tr> <td>2020</td> <td></td> <td></td> </tr> <tr> <td>2021</td> <td></td> <td></td> </tr> <tr> <td>2022</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td style="text-align: right;">\$205,979</td> <td style="text-align: right;">\$205,979</td> </tr> </tbody> </table> <div style="background-color: #e1f5fe; padding: 5px; margin-top: 10px;">Operating Budget Impact</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Type</th> <th style="width: 55%;">Description</th> <th style="width: 15%;">Amount</th> <th style="width: 15%;">Impact Year</th> </tr> </thead> <tbody> <tr> <td>Personnel</td> <td rowspan="4">Personnel hours and materials required.</td> <td></td> <td></td> </tr> <tr> <td>Operating</td> <td></td> <td></td> </tr> <tr> <td>Other</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td></td> <td></td> </tr> </tbody> </table>	Fiscal Year	Capital Project Fund	Total	In Progress	360	360	2018	205,619	205,619	2019			2020			2021			2022			Total	\$205,979	\$205,979	Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total		
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Southside Community Center			
<p>Type: City Facility</p> <p>Project #: 41039</p> <p>A/C #: 312-0203-572-0-6251</p> <p>Location: Ave G and West 5th St.</p> <p>Goal(s) Achieved:</p> <div style="display: flex; justify-content: space-around;">   </div> <p>Department: Parks and Recreation</p> <p>Project Status: Under contract to construct</p> <p>Project Rank: 1 Severe</p> <p>Project Year: FY 2018</p>	<p>Project Description</p> <p>The Southside Community Center is a proposed building that is approximately 3,500 square feet in size and is located at Avenue G and West 5th Street. The project includes the construction of the building, parking lot, landscaping and lighting improvements.</p> 		
Project Funding			
Fiscal Year	Capital Project Fund	Total	
In Progress	4,961	4,961	
2018	1,378,399	1,378,399	
2019			
2020			
2021			
2022			
Total	\$1,383,360	\$1,383,360	
Operating Budget Impact			
Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		2019
Operating			2019
Other			
Total			

Police Technology Enhancements

Type:
Technology

Project #: 41041

A/C #:
310-0817-521-0-6402

Location:
City-wide

Goal(s) Achieved:



Department:
Police

Project Status:
Ongoing

Project Rank: 2
High

Project Year:
FY2018

Project Description

A component of the Police Department’s network is the security camera monitoring and license plate reader systems, which both have proven to be valuable to the Police Department in preventing, deterring, and responding to criminal acts and behaviors. Additionally, City departments including Parks and Recreation, Development Services, and Utility Special District, have benefitted from the security camera monitoring system. This system has proven to be an effective tool. The Police Department seeks to continue the expansion of this program.



Project Funding

Fiscal Year	Capital Bonds	Total
In Progress		
2018	80,000	80,000
2019	80,000	80,000
2020	80,000	80,000
2021	80,000	80,000
2022	80,000	80,000
Total	\$400,000	\$400,000

Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel			
Operating			
Other			
Total			

Body Worn Cameras

Type:
Technology

Project #:
41081

Project #: 41081

A/C #:
303-0817-521-0-6404
111-0822-521-2-6405

Location:
City-wide

Goal(s) Achieved:



Department:
Police

Project Status:
RFP response under evaluation

Project Rank: 1
Severe

Project Year:
FY2018

Project Description

Implementation of a body worn camera program within the Police Dept. Costs associated with this include all camera equipment, maintenance and protection plans, docking stations, video storage costs, and training. Total cost of \$850,313 covers the cost of the program for 5 years. Implementation includes 106 police officers. Body worn cameras video record interactions with the public, gather evidence. This will increase officer and citizen accountability. RFP was issued in March 2017 and Police and Purchasing are currently working through procurement process. Additionally this program will require an additional 1.5 Police Tech positions.






Project Funding






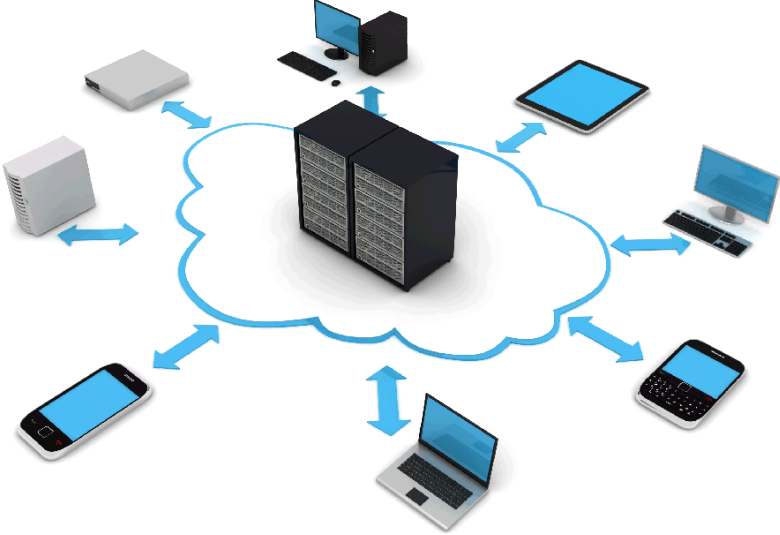
Fiscal Year	Impact Fees	Grant	Total
In Progress			
2018	148,089	130,885	278,974
2019			
2020			
2021			
2022			
Total	\$148,089	\$130,885	\$278,974



Operating Budget Impact




Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
Total			



Portable Radio Replacement																																																	
<p>Type: Technology</p> <p>Project #: 41083</p> <p>A/C #: 312-0817-521-0-6401</p> <p>Location: City-wide</p> <p>Goal(s) Achieved:</p> <div style="text-align: center;">  </div> <p>Department: Police</p> <p>Project Status: Close-out process</p> <p>Project Rank: 3 Low</p> <p>Project year: FY2018</p>	<p>Project Description</p> <p>Replace radios that are currently used by police officers, which were purchased in 2004, in conjunction with Palm Beach County, with the new P25 compliant system which will go online in FY 2017. State standards recommend replacement of portable radios at approximately 6 years of service life. Current radios have been in use for 13 years.</p> <div style="text-align: center;">  </div> <table border="1"> <thead> <tr> <th colspan="3">Project Funding</th> </tr> <tr> <th>Fiscal Year</th> <th>Capital Fund</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>In Progress</td> <td>31,378</td> <td>31,378</td> </tr> <tr> <td>2018</td> <td>23,666</td> <td>23,666</td> </tr> <tr> <td>2019</td> <td></td> <td></td> </tr> <tr> <td>2020</td> <td></td> <td></td> </tr> <tr> <td>2021</td> <td></td> <td></td> </tr> <tr> <td>2022</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td>\$55,044</td> <td>\$55,044</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="4">Operating Budget Impact</th> </tr> <tr> <th>Type</th> <th>Description</th> <th>Amount</th> <th>Impact Year</th> </tr> </thead> <tbody> <tr> <td>Personnel</td> <td rowspan="4">Personnel hours and materials required.</td> <td></td> <td></td> </tr> <tr> <td>Operating</td> <td></td> <td></td> </tr> <tr> <td>Other</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td></td> <td></td> </tr> </tbody> </table>	Project Funding			Fiscal Year	Capital Fund	Total	In Progress	31,378	31,378	2018	23,666	23,666	2019			2020			2021			2022			Total	\$55,044	\$55,044	Operating Budget Impact				Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total		
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Public Library Construction																																																			
<p>Type: City Facility</p> <p>Project #: 41077</p> <p>A/C #: 312-0336-571-0-6201 137-0336-571-0-6301</p> <p>Location: W. Blue Heron Blvd.</p> <p>Goal(s) Achieved:</p> <div style="display: flex; justify-content: space-around;">   </div> <div style="display: flex; justify-content: center; margin-top: 10px;">  </div> <p>Department: Library</p> <p>Project Status: Design Under construction for Master Plan</p> <p>Project Rank: 1 Severe</p> <p>Project Year: FY2018</p>	<p>Project Description</p> <p>Public Library Construction Grant providing funding for a new Library (32,000 square feet). During FY 2018 and FY 2019, the Library should be under contract for construction. Project is programmed as a design/build/finance. FY 2020 to FY 2022 reflect future lease payments.</p> <div style="text-align: center;">  </div> <p>Project Funding</p> <table border="1"> <thead> <tr> <th>Fiscal Year</th> <th>Grant</th> <th>Capital Fund</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>In Progress</td> <td></td> <td>142,413</td> <td>142,413</td> </tr> <tr> <td>2018</td> <td>500,000</td> <td>38,455</td> <td>538,455</td> </tr> <tr> <td>2019</td> <td></td> <td>500,000</td> <td>500,000</td> </tr> <tr> <td>2020</td> <td></td> <td>1,000,000</td> <td>1,000,000</td> </tr> <tr> <td>2021</td> <td></td> <td>1,000,000</td> <td>1,000,000</td> </tr> <tr> <td>2022</td> <td></td> <td>1,000,000</td> <td>1,000,000</td> </tr> <tr> <td>Total</td> <td>\$500,000</td> <td>\$3,680,868</td> <td>\$4,180,868</td> </tr> </tbody> </table> <p>Operating Budget Impact</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Description</th> <th>Amount</th> <th>Impact Year</th> </tr> </thead> <tbody> <tr> <td>Personnel</td> <td rowspan="3">Personnel hours and materials required.</td> <td></td> <td></td> </tr> <tr> <td>Operating</td> <td></td> <td></td> </tr> <tr> <td>Other</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Fiscal Year	Grant	Capital Fund	Total	In Progress		142,413	142,413	2018	500,000	38,455	538,455	2019		500,000	500,000	2020		1,000,000	1,000,000	2021		1,000,000	1,000,000	2022		1,000,000	1,000,000	Total	\$500,000	\$3,680,868	\$4,180,868	Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total			
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Information Technology Master Plan																																																		
<p>Type: Technology</p> <p>Project #: 41069</p> <p>A/C #: 312-0243-516-0-6351</p> <p>Location: City Offices</p> <p>Goal(s) Achieved:</p> <div style="display: flex; flex-wrap: wrap; justify-content: space-around;">      </div> <p>Department: Information Technology</p> <p>Project Status: Ongoing Plan Implementation</p> <p>Project Rank: 1 Severe</p> <p>Project Year: FY2018 – FY2021</p>	<p>Project Description Implementation of the Information Technology Master Plan.</p> <div style="text-align: center;">  </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3">Project Funding</th> </tr> <tr> <th style="width: 33%;">Fiscal Year</th> <th style="width: 33%;">Capital Fund</th> <th style="width: 33%;">Total</th> </tr> </thead> <tbody> <tr> <td>In Progress</td> <td style="text-align: right;">703,833</td> <td style="text-align: right;">703,833</td> </tr> <tr> <td>2018</td> <td style="text-align: right;">1,500,000</td> <td style="text-align: right;">1,500,000</td> </tr> <tr> <td>2019</td> <td style="text-align: right;">1,000,000</td> <td style="text-align: right;">1,000,000</td> </tr> <tr> <td>2020</td> <td style="text-align: right;">1,000,000</td> <td style="text-align: right;">1,000,000</td> </tr> <tr> <td>2021</td> <td style="text-align: right;">1,000,000</td> <td style="text-align: right;">1,000,000</td> </tr> <tr> <td>2022</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td style="text-align: right;">\$5,203,833</td> <td style="text-align: right;">\$5,203,833</td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4">Operating Budget Impact</th> </tr> <tr> <th style="width: 25%;">Type</th> <th style="width: 45%;">Description</th> <th style="width: 15%;">Amount</th> <th style="width: 15%;">Impact Year</th> </tr> </thead> <tbody> <tr> <td>Personnel</td> <td rowspan="3">Personnel hours and materials required.</td> <td></td> <td></td> </tr> <tr> <td>Operating</td> <td></td> <td></td> </tr> <tr> <td>Other</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Project Funding			Fiscal Year	Capital Fund	Total	In Progress	703,833	703,833	2018	1,500,000	1,500,000	2019	1,000,000	1,000,000	2020	1,000,000	1,000,000	2021	1,000,000	1,000,000	2022			Total	\$5,203,833	\$5,203,833	Operating Budget Impact				Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total			
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Trailer for Information Technology																																											
<p>Type: City Facility</p> <p>Project #: 41084</p> <p>A/C #: 312-0343-516-0-6201</p> <p>Location: W. Blue Heron Blvd.</p> <p>Goal(s) Achieved:</p> <div style="text-align: center;">  </div> <p>Department: Information Technology</p> <p>Project Status: Planning</p> <p>Project Rank: 1 Severe</p> <p>Project Year: FY2018</p>	<p>Project Description Purchase of a new trailer to allow for additional office space for new IT staff complement and the necessary amenities including bathrooms and to address health and safety concerns.</p> <div style="text-align: center;">  </div> <p>Project Funding</p> <table border="1"> <thead> <tr> <th>Fiscal Year</th> <th>Capital Fund</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>In Progress</td> <td></td> <td></td> </tr> <tr> <td>2018</td> <td>175,000</td> <td>175,000</td> </tr> <tr> <td>2019</td> <td></td> <td></td> </tr> <tr> <td>2020</td> <td></td> <td></td> </tr> <tr> <td>2021</td> <td></td> <td></td> </tr> <tr> <td>2022</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td>\$175,000</td> <td>\$175,000</td> </tr> </tbody> </table> <p>Operating Budget Impact</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Description</th> <th>Amount</th> <th>Impact Year</th> </tr> </thead> <tbody> <tr> <td>Personnel</td> <td rowspan="3">Personnel hours and materials required.</td> <td></td> <td></td> </tr> <tr> <td>Operating</td> <td></td> <td></td> </tr> <tr> <td>Other</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Fiscal Year	Capital Fund	Total	In Progress			2018	175,000	175,000	2019			2020			2021			2022			Total	\$175,000	\$175,000	Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total			
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Total																																											

City Welcome Signs																																																											
<p>Type: Infrastructure</p> <p>Project #: 41061</p> <p>A/C #: 108-0202-541-0-6301 309-0202-541-0-6301 310-1123-541-0-6301</p> <p>Location: City-wide</p> <p>Goal(s) Achieved:</p> <div style="display: flex; justify-content: space-around; align-items: center;">   </div> <p>Department: Public Works</p> <p>Project Status: Under Contract</p> <p>Project Rank: 1 Severe</p> <p>Project Year: FY2018</p>	<div style="background-color: #e1eef6; padding: 5px;">Project Description</div> <p>Construction of welcome signs at various locations throughout the City. Signs will have the same design as other newly constructed welcome signs in the City.</p> <div style="text-align: center; margin: 10px 0;">  </div> <div style="background-color: #e1eef6; padding: 5px;">Project Funding</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Fiscal Year</th> <th style="width: 15%;">Capital Projects</th> <th style="width: 15%;">Contributions</th> <th style="width: 15%;">Capital Bonds</th> <th style="width: 10%;">Total</th> </tr> </thead> <tbody> <tr> <td>In Progress</td> <td></td> <td></td> <td style="text-align: right;">115,000</td> <td style="text-align: right;">115,000</td> </tr> <tr> <td style="text-align: center;">2018</td> <td style="text-align: right;">157,549</td> <td style="text-align: right;">31,231</td> <td></td> <td style="text-align: right;">180,780</td> </tr> <tr> <td style="text-align: center;">2019</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">2020</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">2021</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">2022</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">Total</td> <td style="text-align: right;">\$157,549</td> <td style="text-align: right;">\$31,231</td> <td style="text-align: right;">\$115,000</td> <td style="text-align: right;">\$303,780</td> </tr> </tbody> </table> <div style="background-color: #e1eef6; padding: 5px;">Operating Budget Impact</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Type</th> <th style="width: 45%;">Description</th> <th style="width: 10%;">Amount</th> <th style="width: 20%;">Impact Year</th> </tr> </thead> <tbody> <tr> <td>Personnel</td> <td rowspan="3">Personnel hours and materials required.</td> <td></td> <td></td> </tr> <tr> <td>Operating</td> <td></td> <td></td> </tr> <tr> <td>Other</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Fiscal Year	Capital Projects	Contributions	Capital Bonds	Total	In Progress			115,000	115,000	2018	157,549	31,231		180,780	2019					2020					2021					2022					Total	\$157,549	\$31,231	\$115,000	\$303,780	Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total			
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Access Control System																																											
<p>Type: Technology</p> <p>Project #: 41059</p> <p>A/C #: 305-0203-521-0-6405</p> <p>Location: All City Facilities</p> <p>Goal(s) Achieved:</p> <div style="text-align: center; margin: 10px 0;">  </div> <p>Department: Public Works</p> <p>Project Status: Planning</p> <p>Project Rank: 1 Severe</p> <p>Project Year: FY2018</p>	<p>Project Description</p> <p>Implementation of an access control system throughout the City at entry points, certain offices, and entry gates. The access control system is accessed via proximity cards. Electronic control eliminates the need for physical keys and allows for more secure facilities.</p> <div style="text-align: center; margin: 20px 0;">  </div> <p>Project Funding</p> <table border="1"> <thead> <tr> <th>Fiscal Year</th> <th>Public Improvement</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>In Progress</td> <td>3,780</td> <td>3,780</td> </tr> <tr> <td>2018</td> <td>205,025</td> <td>205,025</td> </tr> <tr> <td>2019</td> <td></td> <td></td> </tr> <tr> <td>2020</td> <td></td> <td></td> </tr> <tr> <td>2021</td> <td></td> <td></td> </tr> <tr> <td>2022</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td>\$208,805</td> <td>\$208,805</td> </tr> </tbody> </table> <p>Operating Budget Impact</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Description</th> <th>Amount</th> <th>Impact Year</th> </tr> </thead> <tbody> <tr> <td>Personnel</td> <td rowspan="3">Personnel hours and materials required.</td> <td></td> <td></td> </tr> <tr> <td>Operating</td> <td></td> <td></td> </tr> <tr> <td>Other</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Fiscal Year	Public Improvement	Total	In Progress	3,780	3,780	2018	205,025	205,025	2019			2020			2021			2022			Total	\$208,805	\$208,805	Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total			
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Blue Heron Bridge Underdeck Lighting			
<p>Type: Infrastructure</p> <p>Project #: 41048</p> <p>A/C #: 109-1116-541-0-6351</p> <p>Location: Blue Heron Bridge</p> <p>Goals) Achieved:</p> <div style="display: flex; justify-content: space-around; align-items: center;">   </div> <p>Department: Public Works</p> <p>Project Status: Awaiting final approvals</p> <p>Project Rank: 3 Low</p> <p>Project Year: FY2018</p>	<p>Project Description Installation of underdeck lighting on the Blue Heron Bridge as proposed during the design of the State Road A1A Project.</p> 		
Project Funding			
Fiscal Year	Contribution	Total	
In Progress			
2018	577,996	577,996	
2019			
2020			
2021			
2022			
Total	\$577,996	\$577,996	
Operating Budget Impact			
Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating		1,500	2018
Other			
Total		1,500	

City Hall Improvements																																										
<p>Type: City Facility</p> <p>Project #: 41082</p> <p>A/C #: 305-0202-519-0-6351</p> <p>Location: City Hall Complex</p> <p>Goal(s) Achieved:</p> <div style="text-align: center;">  </div> <p>Department: Public Works</p> <p>Project Status: Ongoing</p> <p>Project Rank: 1 Severe</p> <p>Project Year: FY2018</p>	<p>Project Description</p> <p>The City Hall complex is in need of various improvements. Improvements include common areas of City Hall, electrical panel upgrades and fire alarms</p> <div style="text-align: center;">  </div> <p>Project Funding</p> <table border="1"> <thead> <tr> <th>Fiscal Year</th> <th>Capital Fund</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>In Progress</td> <td>5,000</td> <td>5,000</td> </tr> <tr> <td>2018</td> <td>125,000</td> <td>125,000</td> </tr> <tr> <td>2019</td> <td></td> <td></td> </tr> <tr> <td>2020</td> <td></td> <td></td> </tr> <tr> <td>2021</td> <td></td> <td></td> </tr> <tr> <td>2022</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td>\$130,000</td> <td>\$130,000</td> </tr> </tbody> </table> <p>Operating Budget Impact</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Description</th> <th>Amount</th> <th>Impact Year</th> </tr> </thead> <tbody> <tr> <td>Personnel</td> <td rowspan="4">Personnel hours and materials required.</td> <td></td> <td></td> </tr> <tr> <td>Operating</td> <td></td> <td></td> </tr> <tr> <td>Other</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td></td> <td></td> </tr> </tbody> </table>	Fiscal Year	Capital Fund	Total	In Progress	5,000	5,000	2018	125,000	125,000	2019			2020			2021			2022			Total	\$130,000	\$130,000	Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total		
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Other																																										
Total																																										

Public Works Building

Type:
City Facility

Project #: 41235

A/C #:
305-1123-519-0-6251
310-1123-519-0-6251

Location:
Avenue L

Goal(s) Achieved:
Replacement of aging facility



Department:
Public Works

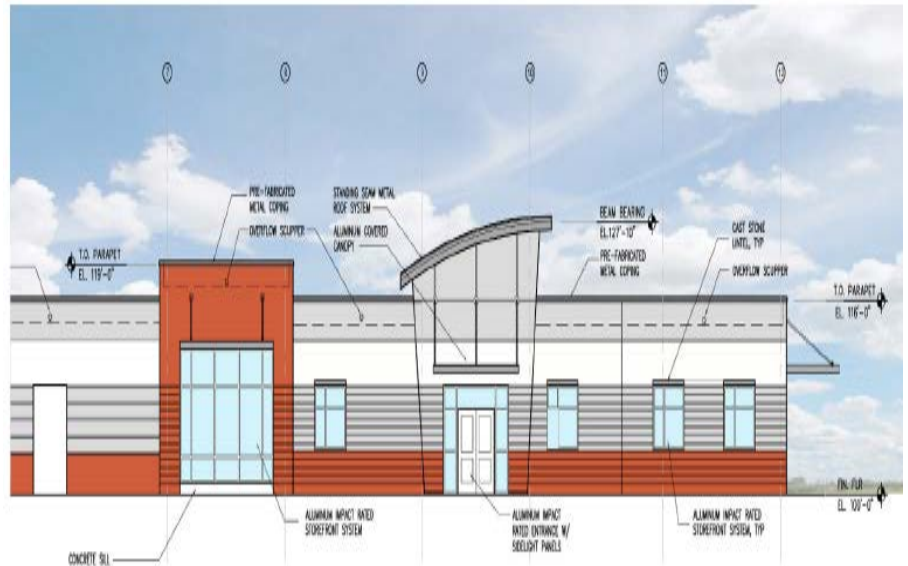
Project Status:
Planning

Project Rank: 1
Severe

Project Year:
FY2018 – FY2019

Project Description

Construction of a new Public Works facility at the current Avenue L location. Construction includes an administrative building combined with an operations section, a section for fleet services, landscaping, lighting, and storage areas for operations. The design was previously completed, but needs to be updated to remove the Purchasing Department and to update the plans to current code.



Project Funding

Fiscal Year	Capital Bonds	Public Improvement	Total
In Progress			
2018	3,250,000	1,750,000	5,000,000
2019			
2020			
2021			
2022			
Total	\$3,250,000	\$1,750,000	\$5,000,000

Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
Total			

Street Improvement Projects																																	
<p>Type: Infrastructure</p> <p>Project 41067</p> <p>A/C #: 140-1123-538-0-6301 312-1127-541-0-6351</p> <p>Location: Various roads in all four voting districts</p> <p>Goal(s) Achieved:</p> <div style="text-align: center;">  </div> <p>Department: Public Works</p> <p>Project Status: Designed</p> <p>Project Rank: 1 Severe</p> <p>Project Year: FY2018</p>	<p>Project Description</p> <p>Ave. O from Blue Heron Blvd. to 27th St., 23rd St. through 26th. Ct. from Ave. M to Ave. Q, Ave H East and West from Blue Heron Blvd. to Silver Beach Rd., W. 34th St. from Ave. H E. to Ave. F, Riviera Beach sidewalks (1st to 5th Sts.), W. 6th St., W. 7th St at Australian Ave., W. 12th St. through W. 22nd St. at Ave. P, Ardmore Way, Manor Dr., Morse Blvd., Singer Dr.</p> <div style="text-align: center;">  </div>																																
<p>Project Funding</p> <table border="1"> <thead> <tr> <th>Fiscal Year</th> <th>DEP Grant</th> <th>Capital Bonds</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>In Progress</td> <td></td> <td>472,286</td> <td>472,286</td> </tr> <tr> <td>2018</td> <td>800,000</td> <td>6,000,000</td> <td>6,800,000</td> </tr> <tr> <td>2019</td> <td>500,000</td> <td>4,021,233</td> <td>4,521,233</td> </tr> <tr> <td>2020</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2021</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2022</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td>\$1,300,000</td> <td>\$10,493,519</td> <td>\$11,793,519</td> </tr> </tbody> </table>		Fiscal Year	DEP Grant	Capital Bonds	Total	In Progress		472,286	472,286	2018	800,000	6,000,000	6,800,000	2019	500,000	4,021,233	4,521,233	2020				2021				2022				Total	\$1,300,000	\$10,493,519	\$11,793,519
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Total																																	

Mill and Resurface of Streets


Type:
Infrastructure

Project #: 41071

A/C #:
108-1116-541-0-6301
312-1116-541-0-6301

Location:
W. 28th St., W. 20th St., W. 26th St., West 35th St.

Goal(s) Achieved:



Department:
Public Works

Project Status:
Planning

Project Rank: 2
High

Project Year:
FY2018

Project Description

Milling and resurfacing of streets within the established CDBG concentration area: W. 30th St. from Ave R to Ave O; Ave O from W. 30th St.; W. 28th St., from Ave R to Ave O; W. 36th St. from Ave O to Obama Hwy.; Ave N from W. 36th St. to W. 35th St.









Project Funding




Fiscal Year	CDB Grant	Capital Fund	Total
In Progress			
2018	155,000	210,000	365,000
2019			
2020			
2021			
2022			
Total	\$155,000	\$210,000	\$365,000

Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
Total			

Neighborhood Sector 1		Project Description	
<p>Type: Infrastructure</p> <p>Project #: 41042</p> <p>A/C #: 312-1123-559-1-6301</p> <p>Location: District 1</p> <p>Goal(s) Achieved:</p> <div style="display: flex; justify-content: space-around;">   </div> <p>Department: Development Services</p> <p>Project Status: Planning</p> <p>Project Rank: 2 High</p> <p>Project Year: FY2018</p>	<p>The Neighborhood Sector Plan will be divided equally between each of the four non-CRA sectors and will provide solutions for rising crime rates, increasing traffic through residential streets, and monitor future nearby developments. The plan aims to create a sense of pride, ownership, and belonging among the residents in each sector.</p> 		
Project Funding			
Fiscal Year		Capital Fund	Total
In Progress			
2018		525,000	525,000
2019			
2020			
2021			
2022			
Total		\$525,000	\$525,000
Operating Budget Impact			
Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
Total			

Neighborhood Sector 2																																											
<p>Type: Infrastructure</p> <p>Project #: 41043</p> <p>A/C #: 312-1123-559-2-6301</p> <p>Location: District 2</p> <p>Goal(s) Achieved:</p> <div style="display: flex; justify-content: space-around;">   </div> <p>Department: Development Services</p> <p>Project Status: Planning</p> <p>Project Rank: 2 High</p> <p>Project Year: FY2018</p>	<p>Project Description</p> <p>The Neighborhood Sector Plan will be divided equally between each of the four non-CRA sectors and will provide solutions for rising crime rates, increasing traffic through residential streets, and monitor future nearby developments. The plan aims to create a sense of pride, ownership, and belonging among the residents in each sector.</p>  <p>Project Funding</p> <table border="1"> <thead> <tr> <th>Fiscal Year</th> <th>Capital Fund</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>In Progress</td> <td></td> <td></td> </tr> <tr> <td>2018</td> <td>625,000</td> <td>625,000</td> </tr> <tr> <td>2019</td> <td></td> <td></td> </tr> <tr> <td>2020</td> <td></td> <td></td> </tr> <tr> <td>2021</td> <td></td> <td></td> </tr> <tr> <td>2022</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td>\$625,000</td> <td>\$625,000</td> </tr> </tbody> </table> <p>Operating Budget Impact</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Description</th> <th>Amount</th> <th>Impact Year</th> </tr> </thead> <tbody> <tr> <td>Personnel</td> <td rowspan="3">Personnel hours and materials required.</td> <td></td> <td></td> </tr> <tr> <td>Operating</td> <td></td> <td></td> </tr> <tr> <td>Other</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Fiscal Year	Capital Fund	Total	In Progress			2018	625,000	625,000	2019			2020			2021			2022			Total	\$625,000	\$625,000	Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total			
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Operating																																											
Other																																											
Total																																											

Neighborhood Sector 3																									
<p>Type: Infrastructure</p> <p>Project #: 41232</p> <p>A/C #: 312-1123-559-3-6301</p> <p>Location: District 3</p> <p>Goal(s) Achieved:</p> <div style="display: flex; justify-content: space-around; align-items: center;">   </div> <p>Department: Development Services</p> <p>Project Status: Planning</p> <p>Project Rank: 2 High</p> <p>Project Year: FY2018</p>	<p>Project Description</p> <p>The Neighborhood Sector Plan will be divided equally between each of the four non-CRA sectors and will provide solutions for rising crime rates, increasing traffic through residential streets, and monitor future nearby developments. The plan aims to create a sense of pride, ownership, and belonging among the residents in each sector.</p> 																								
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Type	Description	Amount	Impact Year																						
Personnel	Personnel hours and materials required.																								
Operating																									
Other																									
Total																									

Neighborhood Sector 4

Type:
Infrastructure

Project #: 41044

A/C #:
312-1123-559-4-6301

Location:
District 4

Goal(s) Achieved:



Department:
Development Services

Project Status:
Under contract/Planning

Project Rank: 2
High

Project Year:
FY2018

Project Description

The Neighborhood Sector Plan will be divided equally between each of the four non-CRA sectors and will provide solutions for rising crime rates, increasing traffic through residential streets, and monitor future nearby developments. The plan aims to create a sense of pride, ownership, and belonging among the residents in each sector.



Project Funding

Fiscal Year	Capital Fund	Total
In Progress	103,655	103,655
2018	521,345	521,345
2019		
2020		
2021		
2022		
Total	\$625,000	\$625,000

Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
Total			

Palm Beach Isles Bridge Culvert Replacement

Type:
Infrastructure

Project #: 41082

A/C #:
305-1123-541-0-6301
312-1123-559-4-6301

Location:
Singer Island

Goal(s) Achieved:




Department:
Public Works

Project Status:
Under Design

Project Rank: 1
Severe

Project Year:
FY2018

Project Description

The culverts that provide access to the residents of Palm Beach Isles require replacement due to deterioration. The culverts has reached the end of its useful life and replacement is needed. Funding below is being supplemented through Neighborhood Sector Funds.





Project Funding

Fiscal Year	Public Improvement	Capital Fund	Total
In Progress		292,906	292,906
2018	1,228,655	250,000	1,478,655
2019			
2020			
2021			
2022			
Total	\$1,228,655	\$542,906	\$1,771,561

Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
Total			

Sidewalk Repair and Replacement																									
<p>Type: Infrastructure</p> <p>Project #: 41051</p> <p>A/C #: 301-0716-541-0-6354</p> <p>Location: City-wide</p> <p>Goal(s) Achieved:</p> <div style="text-align: center;">  </div> <p>Department: Public Works</p> <p>Project Status: Planning/Designing</p> <p>Project Rank: 3 Low</p> <p>Project Year: FY2018</p>	<p>Project Description</p> <p>The sidewalk repair and replacement project replaces damaged and broken sidewalks throughout the City.</p> <div style="text-align: center;">  </div>																								
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Total																									

Traffic Calming Devices																											
<p>Type: Infrastructure</p> <p>Project #: 41050</p> <p>A/C #: 301-1116-541-0-6355</p> <p>Location: City-wide</p> <p>Goal(s) Achieved:</p>  <p>Department: Public Works</p> <p>Project Status: Planning</p> <p>Project Rank: 3</p> <p>Low</p> <p>Project Year: FY2018</p>		<p>Project Description</p> <p>The City has a traffic calming policy that allows citizens to request traffic calming devices. Funding is required to install approved traffic calming devices.</p>																									
																											
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In 2018, the City will focus on the renovation of Cunningham Park which will include basketball courts resurfacing, tennis courts, restroom building, pavilions, playground equipment, park furniture, lighting and landscaping.



CAPITAL IMPROVEMENT PLAN

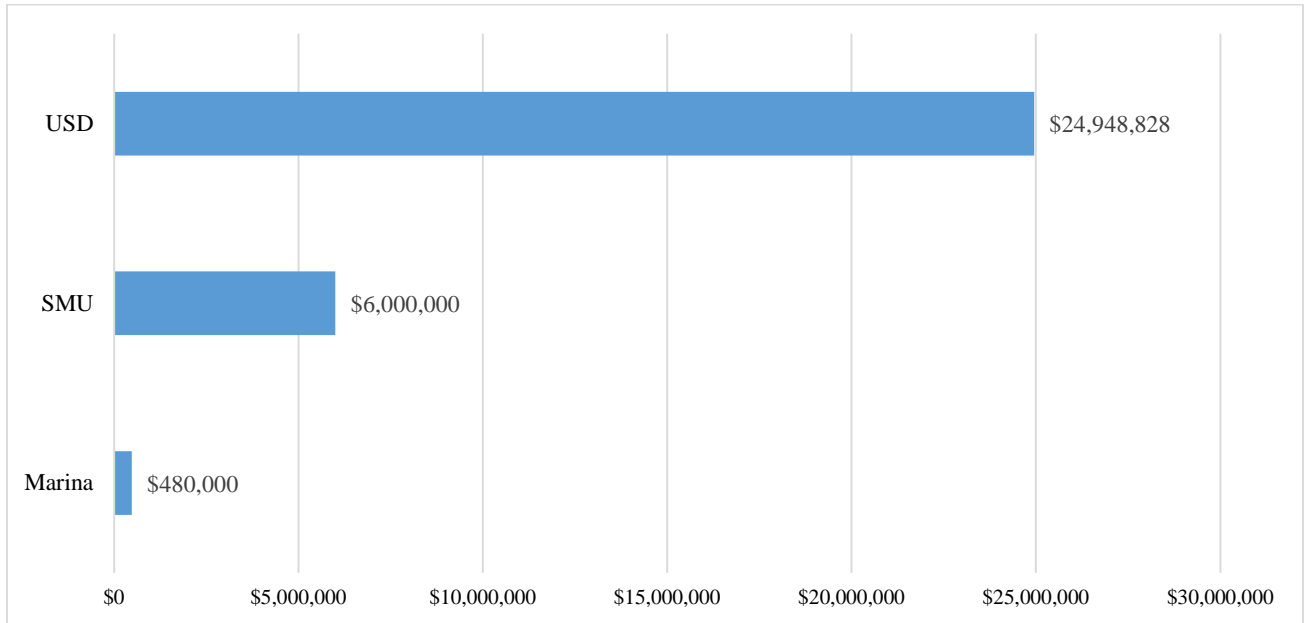
ENTERPRISE PROJECTS



During 2018, the City will focus on improving the water, wastewater and stormwater systems.

ENTERPRISE PROJECTS BY FUNDING SOURCE

FY 2018 Capital Budget by Enterprise: \$31,428,828



Five-Year Capital Improvement Plan by Enterprise

Enterprise	In Progress	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	5-Year Total
Marina	\$-	\$480,000	\$3,000,000	\$-	\$-	\$-	\$3,480,000
SMU	-	6,000,000	4,000,000	-	-	-	10,000,000
USD	1,304,268	24,948,828	16,394,218	16,779,355	2,593,700	960,700	62,981,069
Total by Enterprise	\$1,304,268	\$31,428,828	\$23,394,218	\$16,779,355	\$2,593,700	\$960,700	\$76,461,069

Five-Year Capital Improvement Plan by Priority

Priority	In Progress	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	5-Year Total
1-Severe	\$1,304,268	\$22,681,483	\$12,508,388	\$4,724,655	\$825,000	\$825,000	\$42,868,794
2-High	-	2,103,700	6,120,200	4,744,700	1,768,700	135,700	14,873,000
3-Low	-	6,643,645	4,765,630	7,310,000	-	-	18,719,275
Total by Priority	\$1,304,268	\$31,428,828	\$23,394,218	\$16,779,355	\$2,593,700	\$960,700	\$76,461,069

ENTERPRISE PROJECTS BY FUNDING SOURCE

Fund No.	Source of Funding	Description	FY 2018 Amount
422	Marina Renewal and Replacement	On an annual basis, the Marina operating fund transfers 5% of its gross revenues for the preceding fiscal year to the Renewal and Replacement fund to pay for the costs of the repair, renewal or replacement of capital assets of the Marina. The amount transferred from the Operating fund to the Renewal and Replacement fund may change from time to time.	\$480,000
461	Stormwater Revenue Bond Proceeds	In 2016, SMU issued the Stormwater Management Utility Revenue Bonds, Series 2016 to finance the costs of certain improvements to the stormwater system.	6,000,000
412	USD Renewal and Replacement	On an annual basis, USD's operating fund transfers 5% of its gross revenues for the preceding fiscal year to the Renewal and Replacement fund to pay for the costs of the repair, renewal or replacement of capital assets of the water and wastewater system. The amount transferred from the Operating fund to the Renewal and Replacement fund may change from time to time.	2,976,200
413	USD Impact Fees	USD charges impact fees for new development for the purpose of providing new or expanded water and wastewater system to serve that new development.	4,169,900
415	USD Revenue Bond Proceeds	In 2016, USD issued Water and Sewer Revenue Bonds, Series 2016 to finance the costs of acquiring, constructing, and equipping improvements and upgrades to the combined water supply, treatment and distribution system and wastewater collection system.	17,802,728
Total Funding Sources			\$31,428,828

ENTERPRISE PROJECTS



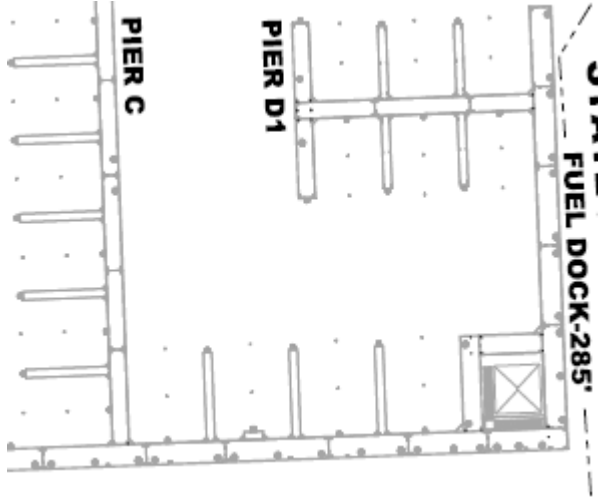
Project Title	Asset Category	Priority	FY 2018	5-Year Total
Marina				
Marina Fuel Lines	Infrastructure	1	330,000	330,000
Marina South Basin Dredging	Infrastructure	2	150,000	3,150,000
Total Marina			480,000	3,480,000
Stormwater Management Utility				
Stormwater Improvements	Stormwater	1	6,000,000	10,000,000
Total SMU			6,000,000	10,000,000
Utility Special District				
Aerial Crossing Rehabilitation	Equipment	1	1,000,000	1,048,605
Lift Station #10 & 50 Rehabilitation	Water & Wastewater System	1	1,626,900	1,857,662
Lift Station #47 Rehabilitation	Water & Wastewater System	1	400,000	4,717,000
Lime System Replacement	Water & Wastewater System	1	2,240,926	3,894,876
Parallel Intracoastal Water Main	Water & Wastewater System	1	-	3,193,000
Raw Water Wells Rehabilitation	Water & Wastewater System	1	175,000	608,617
SCADA Replacement	Technology	1	40,000	40,000
Water and Wastewater Improvements	Water & Wastewater System	1	8,000,000	8,000,000
Underground Contractor On-Call	Water & Wastewater System	1	200,000	781,000
Water Meters	Water & Wastewater System	1	625,000	3,750,000
Water Storage Tank Inspection	Water & Wastewater System	1	-	81,750
Water Treatment Plant Disinfection	Water & Wastewater System	1	2,043,657	4,566,284
Aqueous Ammonia System	Water & Wastewater System	2	50,000	513,500
Avenue U Pump Disinfection	Water & Wastewater System	2	200,000	200,000
Haverhill Road Improvement	Water & Wastewater System	2	50,000	550,000
Lift Station Rehabilitation - Phase 1	Water & Wastewater System	2	500,000	2,015,000
Media and Underdrain Replacement	Water & Wastewater System	2	618,000	2,472,000
Raw Water Wells A & B	Water & Wastewater System	2	-	2,260,000
Sanitary Sewer System Relining	Water & Wastewater System	2	100,000	713,000
Silver Beach Road Improvement	Water & Wastewater System	2	200,000	200,000
Utility Infrastructure in NSA	Water & Wastewater System	2	135,700	678,500
Water Treatment Plant Generators	Equipment	2	100,000	2,121,000
Fire Hydrant Replacement	Water & Wastewater System	3	-	260,500
Garden Road Improvement	Water & Wastewater System	3	138,985	138,985
Ground Water Sanitary Survey	Water & Wastewater System	3	100,500	100,500
Lift Station #48 Culvert	Water & Wastewater System	3	50,000	50,000
Lift Station Pump Replacement	Water & Wastewater System	3	365,000	365,000
Lift Station Rehabilitation - Phase 2	Water & Wastewater System	3	500,000	2,180,000
North Tower Building Replacement	City Facility	3	1,000,000	1,000,000
Parallel Intracoastal Force Main	Water & Wastewater System	3	-	7,130,000
Perimeter Wall - WTP	City Facility	3	505,000	1,505,000
Softening Units Replacement	Water & Wastewater System	3	3,253,000	3,253,000
Utility Field Operations Building	City Facility	3	100,000	1,133,000
Water Mains - Palm Beach Shores	Water & Wastewater System	3	131,160	1,103,290
Facility Enhancement	City Facility	3	500,000	500,000
Total USD			24,948,828	62,981,069
Grand Total			\$31,428,828	\$76,461,069



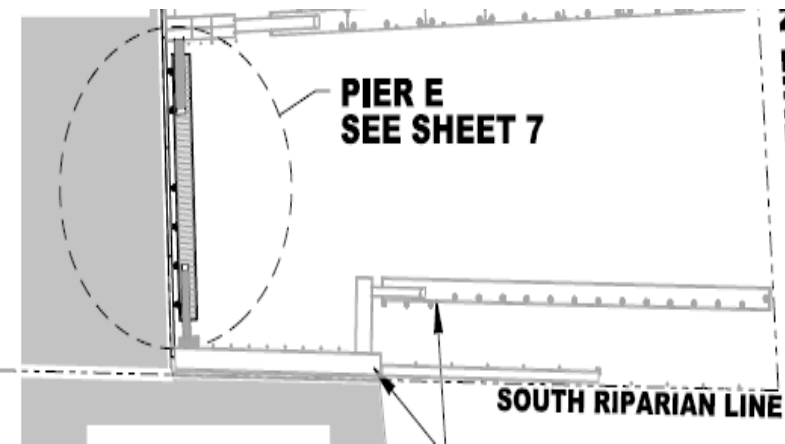
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ENTERPRISE PROJECTS

PROJECT PROFILES

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Marina Fuel Lines																									
<p>Type: Marina Infrastructure</p> <p>Project #: 41218</p> <p>A/C #: 422-0000-575-0-6401</p> <p>Location: Marina</p> <p>Goal(s) Achieved:</p> <div style="display: flex; justify-content: space-around; align-items: center;">   </div> <p>Department: Marina</p> <p>Project Status: Planning</p> <p>Project Rank: 1 Severe</p> <p>Project Year: FY2018</p>	<p>Project Description</p> <p>Replace under-dock fuel lines from seawall to dispensers, as a result of flawed product lines from the original manufacturer.</p> <div style="text-align: center;">  </div>																								
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Marina South Basin Dredging																									
<p>Type: Infrastructure</p> <p>Project #: 41217</p> <p>A/C #: 422-0000-575-0-6305</p> <p>Location: Marina</p> <p>Goal(s) Achieved: Ongoing waterside expansion</p> <div style="display: flex; justify-content: space-around; align-items: center;">   </div> <p>Department: Marina</p> <p>Project Status: Under Design</p> <p>Project Rank: 2 High</p> <p>Project Year: FY2018</p>	<p>Project Description Dredging the south basin at the Marina as part of the ongoing waterside expansion</p> <div style="text-align: center;">  <p>PIER E SEE SHEET 7</p> <p>SOUTH RIPARIAN LINE</p> </div>																								
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Total																									

Stormwater Improvements for Roadways

Type:
Infrastructure

Project #: 41067

A/C #:
461-1127-541-0-6301

Location:
Various roads in all four voting districts

Goal(s) Achieved:



Department:
Stormwater

Project Status:
Designed

Project Rank: 1
Severe

Project Year:
FY2018

Project Description

Stormwater improvements during the City's roadway improvement projects.





Project Funding

Fiscal Year	Capital Bonds	Total
In Progress		
2018	6,000,000	6,000,000
2019	4,000,000	4,000,000
2020		
2021		
2022		
Total	\$10,000,000	\$10,000,000

Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
Total			

Aerial Crossing Rehabilitation																									
<p>Type: Infrastructure</p> <p>Project #: 41087</p> <p>A/C #: 412-1417-536-0-6301</p> <p>Location: City-wide</p> <p>Goal(s) Achieved:</p> <div style="text-align: center;">  </div> <p>Department: Utility Special District</p> <p>Project Status: Under Design</p> <p>Project Rank: 1 Severe</p> <p>Project Year: FY2018</p>	<p>Project Description</p> <p>A comprehensive technical document prepared by the USD consulting engineer which evaluated and assessed the aerial pipe crossing throughout USD service area. Aerial pipe crossings are part of the water distribution and wastewater collection systems. Aerial crossings will be inspected, refurbished and painted as part of the rehabilitation.</p> <div style="text-align: center;">  </div>																								
Project Funding																									
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Type	Description	Amount	Impact Year																						
Personnel	Personnel hours and materials required.																								
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Total																									

Lift Station # 10 and 50 Rehabilitation


Type:
Infrastructure

Project #: 41096

A/C #:
413-1438-535-0-6301

Location:
Lift Station 10 and 50

Goal(s) Achieved:



Department:
Utility Special District

Project Status:
In Progress

Project Rank: 1
Severe

Project Year:
FY2018

Project Description

Rehabilitation and replacement of Lift Stations # 10 and 50.





Project Funding

Fiscal Year	Impact Fees	Total
In Progress	230,762	230,762
2018	1,626,900	1,626,900
2019		
2020		
2021		
2022		
Total	\$1,857,662	\$1,857,662

Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
Total			

Lift Station #47 Rehabilitation																																										
<p>Type: Infrastructure</p> <p>Project #: 41212</p> <p>A/C #: 415-1438-535-0-6307</p> <p>Location: Haverhill Road</p> <p>Goal(s) Achieved:</p> <div style="text-align: center;">  </div> <p>Department: Utility Special District</p> <p>Project Status: Design Pending</p> <p>Project Rank: 1 Severe</p> <p>Project Year: FY2018</p>	<div style="background-color: #e1f5fe; padding: 5px;">Project Description</div> <p>USD’s main Lift Station #47 is in need of a major overhaul, which includes equipment, design and construction work to complete the overhaul.</p> <div style="text-align: center;">  </div> <div style="background-color: #e1f5fe; padding: 5px;">Project Funding</div> <table border="1"> <thead> <tr> <th>Fiscal Year</th> <th>Capital Bonds</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>In Progress</td> <td></td> <td></td> </tr> <tr> <td>2018</td> <td style="text-align: right;">400,000</td> <td style="text-align: right;">400,000</td> </tr> <tr> <td>2019</td> <td style="text-align: right;">4,317,000</td> <td style="text-align: right;">4,317,000</td> </tr> <tr> <td>2020</td> <td></td> <td></td> </tr> <tr> <td>2021</td> <td></td> <td></td> </tr> <tr> <td>2022</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td style="text-align: right;">\$4,717,000</td> <td style="text-align: right;">\$4,717,000</td> </tr> </tbody> </table> <div style="background-color: #e1f5fe; padding: 5px;">Operating Budget Impact</div> <table border="1"> <thead> <tr> <th>Type</th> <th>Description</th> <th>Amount</th> <th>Impact Year</th> </tr> </thead> <tbody> <tr> <td>Personnel</td> <td rowspan="4">Personnel hours and materials required.</td> <td></td> <td></td> </tr> <tr> <td>Operating</td> <td></td> <td></td> </tr> <tr> <td>Other</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td></td> <td></td> </tr> </tbody> </table>	Fiscal Year	Capital Bonds	Total	In Progress			2018	400,000	400,000	2019	4,317,000	4,317,000	2020			2021			2022			Total	\$4,717,000	\$4,717,000	Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total		
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Lime System Replacement

Type:
Infrastructure

Project #: 41213

A/C #:
415-1437-533-0-6302

Location:
Water Treatment Plant

Goal(s) Achieved:



Department:
Utility Special District

Project Status:
Design Pending

Project Rank: 1
Severe

Project Year:
FY2018

Project Description

The Water and underground Master Plan has identified the need of replacing the lime slakers, lime silo components and the lime slurry system of the water treatment process.



Project Funding

Fiscal Year	Capital Bonds	Total
In Progress		
2018	2,240,926	2,240,926
2019	1,653,950	1,653,950
2020		
2021		
2022		
Total	\$3,894,876	\$3,894,876

Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
Total			

Parallel Intracoastal Water Main

Type:
Infrastructure

Project #: 41230

A/C #:
415-1417-536-0-6309

Location:

Goal(s) Achieved:



Department:
Utility Special District

Project Status:
Pending design work

Project Rank: 1
Severe

Project Year:
FY2018

Project Description

The Water and Wastewater Master Plan has identified the need of a parallel subaqueous water main between Singer Island and the mainland.



Project Funding

Fiscal Year	Capital Bonds	Total
In Progress		
2018		
2019	300,000	300,000
2020	2,893,000	2,893,000
2021		
2022		
Total	\$3,193,000	\$3,193,000

Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
Total			

Raw Water Wells Rehabilitation


Type:
Infrastructure

Project #: 41099

A/C #:
413-1437-533-0-6304

Location:
City-wide

Goal(s) Achieved:



Department:
Utility Special District

Project Status:
On-going

Project Rank: 1
High

Project Year:
FY2018

Project Description

Rehabilitation of USD’s raw water wells is required in order to maintain and improve increased water production and efficiency. These repairs are substantial due to the potential loss of the western well fields (SFWMD wetland impact pumping restrictions). This project is recurring, multi-year rehabilitation of the 27 raw water wells.



Project Funding

Fiscal Year	Impact Fees	Total
In Progress	\$33,617	\$33,617
2018	175,000	175,000
2019	100,000	100,000
2020	100,000	100,000
2021	100,000	100,000
2022	100,000	100,000
Total	\$608,617	\$608,617

Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
Total			

Supervisory Control and Data Acquisition (SCADA) Replacement

Type:
Technology

Project #: 41229

A/C #:
415-1417-536-0-6308

Location:
West Blue Heron Blvd.

Goal(s) Achieved:



Department:
Utility Special District

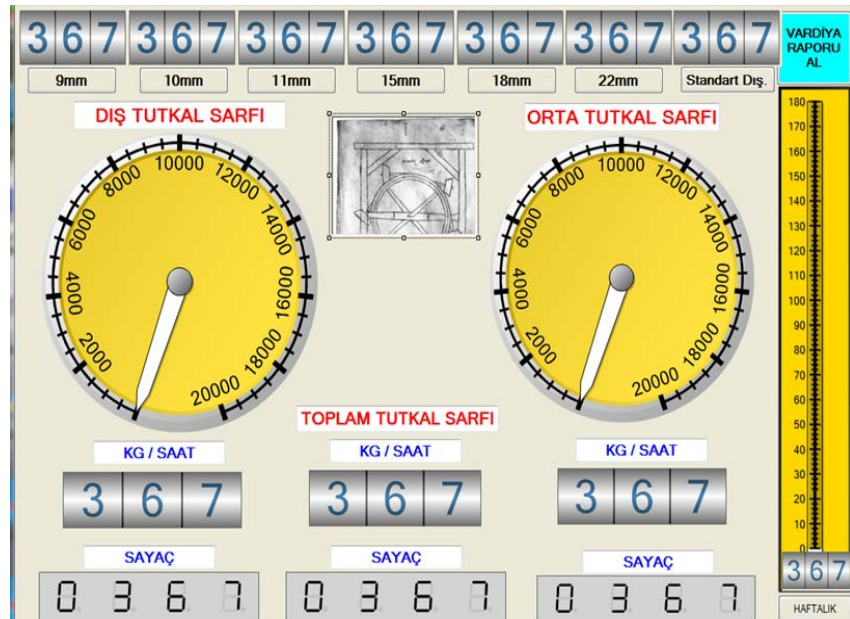
Project Status:
IT Staff review

Project Rank: 1
Severe

Project Year:
FY2018

Project Description

USD's two SCADA systems which are approximately 15 years old and function on old technology which make it difficult to source parts. The City's IT Department, in conjunction with USD, will seek to conduct an assessment of the systems and facilities to determine needs of USD and ensure compatibility with the City's Master Plan.



Project Funding

Fiscal Year	Capital Bonds	Total
In Progress		
2018	40,000	40,000
2019		
2020		
2021		
2022		
Total	\$40,000	\$40,000

Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
Total			

Water and Wastewater Improvements

Type:
Infrastructure

Project #: 41211

A/C #:
415-1417-536-0-6306

Location:
City-wide

Goal(s) Achieved:



Department:
Utility Special District

Project Status:
In design

Project Rank: 1
Severe

Project Year:
FY2018

Project Description

In conjunction with the City’s Street and Sidewalk infrastructure improvements, USD will replace the antiquated water and wastewater infrastructure



Project Funding

Fiscal Year	Capital Bonds	Total
In Progress		
2018	8,000,000	\$8,000,000
2019		
2020		
2021		
2022		
Total	\$8,000,000	\$8,000,000

Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
Total			

Underground Contractor On-Call

Type:
Infrastructure

Project #: 41090

A/C #:
412-1417-536-0-3101

Location:
City-wide

Goal(s) Achieved:



Department:
Utility Special District

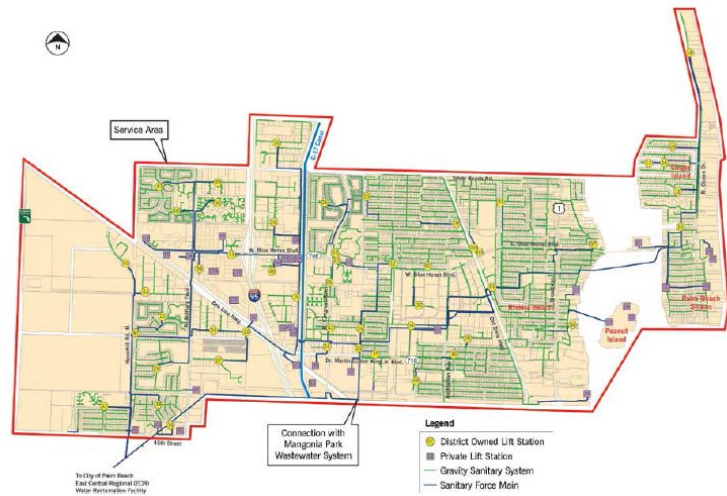
Project Status:
On-going

Project Rank: 1
Severe

Project Year:
FY2018

Project Description

USD has a contract with an on-call underground contractor to assist in emergency repairs and large scale repair projects.





Project Funding

Fiscal Year	Renewal & Replacement	Total
In Progress		
2018	200,000	200,000
2019	100,000	100,000
2020	281,000	281,000
2021	100,000	100,000
2022	100,000	100,000
Total	\$781,000	\$781,000

Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
Total			

Water Meters		Project Description			
<p>Type: Infrastructure</p> <p>Project #: 41091</p> <p>A/C #: 412-1430-533-0-6401</p> <p>Location: City-wide</p> <p>Goal(s) Achieved:</p>  <p>Department: Utility Special District</p> <p>Project Status: On-going as needed</p> <p>Project Rank: 1 Severe</p> <p>Project Year: FY2018</p>		<p>Advanced metering infrastructure is comprised of state of the art electronic/digital hardware and software which combine interval data measurement with continuously available remote communications which will enable measurement of detailed, time-based information and frequent collection and transmittal of information to various parties.</p> 			
		Project Funding			
		Fiscal Year	Replacement & Renewal	Total	
		In Progress	625,000	625,000	
		2018	625,000	625,000	
		2019	625,000	625,000	
		2020	625,000	625,000	
		2021	625,000	625,000	
		2022	625,000	625,000	
		Total	\$3,750,000	\$3,750,000	
		Operating Budget Impact			
		Type	Description	Amount	Impact Year
		Personnel	Personnel hours and materials required.		
		Operating			
		Other			
		Total			

Water Storage Tank Inspection

Type: Infrastructure

Project #: 41094

A/C #:
412-1437-533-0-3102

Location:
City-wide

Goal(s) Achieved:



Department:
Utility Special District

Project Status:
Inspections required

Project Rank: 1
Severe

Project Year:
FY2018

Project Description

The Water and Wastewater Master Plan identified various water treatment improvements. Water storage tank inspections are required every five years.



Project Funding

Fiscal Year	Renewal & Replacement	Total
In Progress		
2018		
2019	50,000	50,000
2020	31,750	31,750
2021		
2022		
Total	\$81,750	\$81,750

Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
Total			

Water Treatment Plant Disinfection

Type:
Infrastructure

Project #: 41206

A/C #:
412-1437-533-0-6301
415-1437-533-0-6301
416-1437-533-0-6301

Location:
Water Treatment Plant

Goal(s) Achieved:



Department:
Utility Special District

Project Status:
Design work completed /
Bid selection

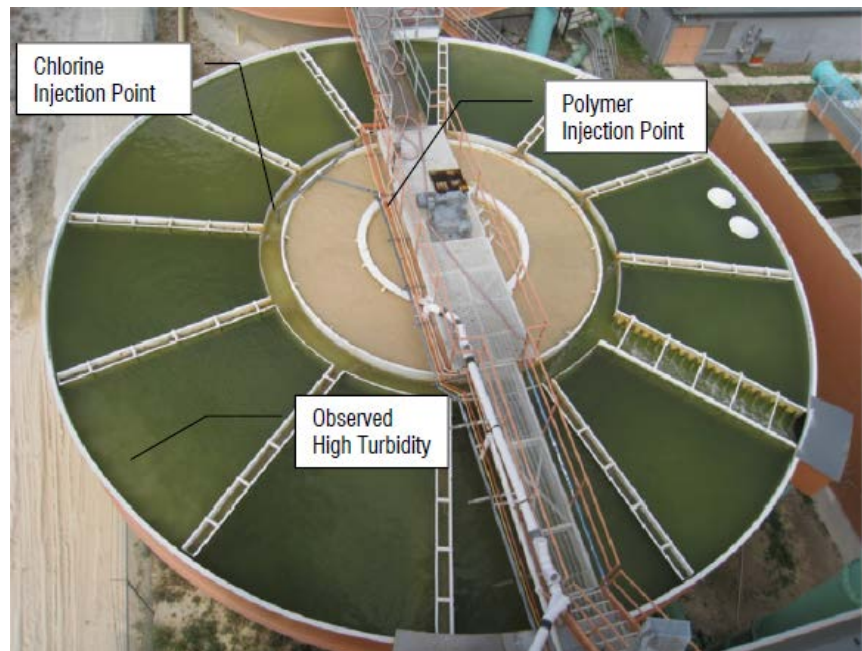
Project Rank: 1

Severe

Project Year:
FY2018

Project Description

The Water Treatment Plant (WTP) currently uses chlorine gas as a disinfectant. USD’s Board decided that sodium hypochlorite (bleach) is the preferred disinfectant for the WTP operation. This project will include the construction of a new disinfectant storage facility. Phase 2 will include full scale testing of USD’s water system. Phase 3 include the selection of a vendor to supply disinfectant.



Project Funding

Fiscal Year	Renewal & Replacement	Capital Bonds	DEP Grant	Total
In Progress		366,284		366,284
2018		2,043,657		2,043,657
2019		862,438	500,000	1,362,438
2020	793,905			793,905
2021				
2022				
Total	\$793,905	\$3,272,379	\$500,000	\$4,566,284

Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
Total			

Aqueous Ammonia System

Type:
Infrastructure

Project #: 41216

A/C #:
415-1437-533-0-6310

Location:
City-wide

Goal(s) Achieved:



Department:
Utility Special District

Project Status:
On-going process

Project Rank: 2
High

Project Year:
FY2018

Project Description

The Water and Wastewater Master Plan, completed in February 2013, identified various water treatment improvements. These rehabilitations/improvements have been prioritized and will be implemented in multi-year capital projects.



Project Funding

Fiscal Year	Capital Bonds	Total
In Progress		
2018	50,000	50,000
2019	463,500	463,500
2020		
2021		
2022		
Total	\$513,500	\$513,500

Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
Total			

Avenue U Pump Disinfection


Type:
Infrastructure

Project #: 41098

A/C #:
413-1437-533-0-6302

Location:
Avenue U

Goal(s) Achieved:



Department:
Utility Special District

Project Status:
Design & permits approved
Work scheduled

Project Rank: 2
High

Project Year:
FY2018

Project Description

USD is providing secondary disinfection at the Avenue U pump station, in order to maintain required total chlorine residual in service area and to comply with drinking water regulations.







Project Funding



Fiscal Year	Impact Fees	Total
In Progress		
2018	200,000	200,000
2019		
2020		
2021		
2022		
Total	\$200,000	\$200,000

Operating Budget Impact


Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
Total			

Haverhill Road Improvement																																											
<p>Type: Infrastructure</p> <p>Project #: 41088</p> <p>A/C #: 412-1417-536-0-6302</p> <p>Location: Haverhill Road</p> <p>Goal(s) Achieved:</p> <div style="text-align: center; margin: 10px 0;">  </div> <p>Department: Utility Special District</p> <p>Project Status: Palm Beach County project</p> <p>Project Rank: 2 High</p> <p>Project Year: FY2018</p>	<div style="background-color: #e1f5fe; padding: 5px;">Project Description</div> <p>Palm Beach County is improving and widening Haverhill Road from north of Caribbean Blvd to the Beeline Hwy. The proposed improvements include a large widening portion that may impact the location of existing water and sewer infrastructure. USD is required to accommodate the road improvements and relocate conflicting infrastructure.</p> <div style="text-align: center; margin: 10px 0;">  </div> <div style="background-color: #e1f5fe; padding: 5px; margin-top: 10px;">Project Funding</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Fiscal Year</th> <th style="width: 50%;">Renewal & Replacement</th> <th style="width: 25%;">Total</th> </tr> </thead> <tbody> <tr> <td>In Progress</td> <td></td> <td></td> </tr> <tr> <td>2018</td> <td style="text-align: right;">50,000</td> <td style="text-align: right;">50,000</td> </tr> <tr> <td>2019</td> <td></td> <td></td> </tr> <tr> <td>2020</td> <td></td> <td></td> </tr> <tr> <td>2021</td> <td style="text-align: right;">500,000</td> <td style="text-align: right;">500,000</td> </tr> <tr> <td>2022</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td style="text-align: right;">\$550,000</td> <td style="text-align: right;">\$550,000</td> </tr> </tbody> </table> <div style="background-color: #e1f5fe; padding: 5px; margin-top: 10px;">Operating Budget Impact</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Type</th> <th style="width: 50%;">Description</th> <th style="width: 12.5%;">Amount</th> <th style="width: 12.5%;">Impact Year</th> </tr> </thead> <tbody> <tr> <td>Personnel</td> <td rowspan="3">Personnel hours and materials required.</td> <td></td> <td></td> </tr> <tr> <td>Operating</td> <td></td> <td></td> </tr> <tr> <td>Other</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Fiscal Year	Renewal & Replacement	Total	In Progress			2018	50,000	50,000	2019			2020			2021	500,000	500,000	2022			Total	\$550,000	\$550,000	Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total			
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Lift Station Rehabilitation – Phase 1																																											
<p>Type: Infrastructure</p> <p>Project #: 41215</p> <p>A/C #: 415-1438-535-0-6309</p> <p>Location:</p> <p>Goal(s) Achieved:</p> <div style="text-align: center;">  </div> <p>Department: Utility Special District</p> <p>Project Status: On-going process</p> <p>Project Rank: 2 High</p> <p>Project Year: FY2018</p>	<p>Project Description The Water and Wastewater Master Plan, has identified various lift station rehabilitations and improvements.</p> <div style="text-align: center;">  </div> <p>Project Funding</p> <table border="1"> <thead> <tr> <th>Fiscal Year</th> <th>Capital Bonds</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>In Progress</td> <td></td> <td></td> </tr> <tr> <td>2018</td> <td>500,000</td> <td>500,000</td> </tr> <tr> <td>2019</td> <td>500,000</td> <td>500,000</td> </tr> <tr> <td>2020</td> <td>500,000</td> <td>500,000</td> </tr> <tr> <td>2021</td> <td>515,000</td> <td>515,000</td> </tr> <tr> <td>2022</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td>\$2,015,000</td> <td>\$2,015,000</td> </tr> </tbody> </table> <p>Operating Budget Impact</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Description</th> <th>Amount</th> <th>Impact Year</th> </tr> </thead> <tbody> <tr> <td>Personnel</td> <td rowspan="3">Personnel hours and materials required.</td> <td></td> <td></td> </tr> <tr> <td>Operating</td> <td></td> <td></td> </tr> <tr> <td>Other</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Fiscal Year	Capital Bonds	Total	In Progress			2018	500,000	500,000	2019	500,000	500,000	2020	500,000	500,000	2021	515,000	515,000	2022			Total	\$2,015,000	\$2,015,000	Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total			
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Media and Underdrain Replacement																																																		
<p>Type: Infrastructure</p> <p>Project #: 41205</p> <p>A/C #: 413-1437-533-0-6401</p> <p>Location:</p> <p>Goal(s) Achieved:</p> <div style="text-align: center;">  </div> <p>Department: Utility Special District</p> <p>Project Status: On-going process</p> <p>Project Rank: 2 High</p> <p>Project Year: FY2018</p>	<p>Project Description Replacement of media and underdrain filters 1 – 8.</p> <div style="text-align: center;">  </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="background-color: #d9e1f2;">Project Funding</th> </tr> <tr> <th style="width: 33%;">Fiscal Year</th> <th style="width: 33%;">Impact Fees</th> <th style="width: 33%;">Total</th> </tr> </thead> <tbody> <tr> <td>In Progress</td> <td></td> <td></td> </tr> <tr> <td>2018</td> <td style="text-align: right;">618,000</td> <td style="text-align: right;">618,000</td> </tr> <tr> <td>2019</td> <td style="text-align: right;">618,000</td> <td style="text-align: right;">618,000</td> </tr> <tr> <td>2020</td> <td style="text-align: right;">618,000</td> <td style="text-align: right;">618,000</td> </tr> <tr> <td>2021</td> <td style="text-align: right;">618,000</td> <td style="text-align: right;">618,000</td> </tr> <tr> <td>2022</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td style="text-align: right;">\$2,472,000</td> <td style="text-align: right;">\$2,472,000</td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="background-color: #d9e1f2;">Operating Budget Impact</th> </tr> <tr> <th style="width: 25%;">Type</th> <th style="width: 45%;">Description</th> <th style="width: 15%;">Amount</th> <th style="width: 15%;">Impact Year</th> </tr> </thead> <tbody> <tr> <td>Personnel</td> <td rowspan="3">Personnel hours and materials required.</td> <td></td> <td></td> </tr> <tr> <td>Operating</td> <td></td> <td></td> </tr> <tr> <td>Other</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Project Funding			Fiscal Year	Impact Fees	Total	In Progress			2018	618,000	618,000	2019	618,000	618,000	2020	618,000	618,000	2021	618,000	618,000	2022			Total	\$2,472,000	\$2,472,000	Operating Budget Impact				Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total			
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Raw Water Wells A and B																											
<p>Type: Infrastructure</p> <p>Project #: 41227</p> <p>A/C #: 415-1437-533-0-6307</p> <p>Location: City-wide</p> <p>Goal(s) Achieved:</p>  <p>Department: Utility Special District</p> <p>Project Status: Pending design work</p> <p>Project Rank: 2 High</p> <p>Project Year: FY2018</p>	<p>Project Description</p> <p>Pursuant to the issuance of the Consumption Use Permit by the South Florida Water Management District (SFWMD) in February 2012, USD is required to design and construct two raw water wells.</p> 																										
	<p>Project Funding</p> <table border="1"> <thead> <tr> <th>Fiscal Year</th> <th>Capital Bonds</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>In Progress</td> <td></td> <td></td> </tr> <tr> <td>2018</td> <td></td> <td></td> </tr> <tr> <td>2019</td> <td>260,000</td> <td>260,000</td> </tr> <tr> <td>2020</td> <td>2,000,000</td> <td>2,000,000</td> </tr> <tr> <td>2021</td> <td></td> <td></td> </tr> <tr> <td>2022</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td>\$2,260,000</td> <td>\$2,260,000</td> </tr> </tbody> </table>			Fiscal Year	Capital Bonds	Total	In Progress			2018			2019	260,000	260,000	2020	2,000,000	2,000,000	2021			2022			Total	\$2,260,000	\$2,260,000
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	2019	260,000	260,000																								
2020	2,000,000	2,000,000																									
2021																											
2022																											
Total	\$2,260,000	\$2,260,000																									
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Other																											
Total																											

Sanitary Sewer System Relining																																																			
<p>Type: Infrastructure</p> <p>Project #: 41209</p> <p>A/C #: 415-1438-535-0-6304 413-1438-535-0-6304</p> <p>Location: City-wide</p> <p>Goal(s) Achieved:</p> <div style="text-align: center;">  </div> <p>Department: Utility Special District</p> <p>Project Status: On-going process</p> <p>Project Rank: 2 High</p> <p>Project Year: FY2018</p>	<p style="background-color: #e1eef6; padding: 5px;">Project Description</p> <p>Inflow and infiltration into the sanitary sewer system can cause dips in the roadways and additional flow charges to the ECR. Repair of the sanitary sewer gravity mains is required prior to the repair of street surfaces.</p> <div style="display: flex; justify-content: space-around; text-align: center;"> <div style="color: red; font-size: 24px; font-weight: bold;">Before</div> <div style="color: red; font-size: 24px; font-weight: bold;">After</div> </div> <div style="display: flex; justify-content: space-around;">   </div> <p style="background-color: #e1eef6; padding: 5px;">Project Funding</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Fiscal Year</th> <th style="width: 25%;">Capital Bonds</th> <th style="width: 25%;">Impact Fees</th> <th style="width: 35%;">Total</th> </tr> </thead> <tbody> <tr> <td>In Progress</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2018</td> <td style="text-align: right;">100,000</td> <td></td> <td style="text-align: right;">100,000</td> </tr> <tr> <td>2019</td> <td style="text-align: right;">122,000</td> <td></td> <td style="text-align: right;">122,000</td> </tr> <tr> <td>2020</td> <td></td> <td style="text-align: right;">491,000</td> <td style="text-align: right;">491,000</td> </tr> <tr> <td>2021</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2022</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td style="text-align: right;">\$222,000</td> <td style="text-align: right;">\$491,000</td> <td style="text-align: right;">\$713,000</td> </tr> </tbody> </table> <p style="background-color: #e1eef6; padding: 5px;">Operating Budget Impact</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Type</th> <th style="width: 55%;">Description</th> <th style="width: 15%;">Amount</th> <th style="width: 15%;">Impact Year</th> </tr> </thead> <tbody> <tr> <td>Personnel</td> <td rowspan="3">Personnel hours and materials required.</td> <td></td> <td></td> </tr> <tr> <td>Operating</td> <td></td> <td></td> </tr> <tr> <td>Other</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Fiscal Year	Capital Bonds	Impact Fees	Total	In Progress				2018	100,000		100,000	2019	122,000		122,000	2020		491,000	491,000	2021				2022				Total	\$222,000	\$491,000	\$713,000	Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total			
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Silver Beach Road Improvement

Type:
Infrastructure

Project #: 41208

A/C #:
415-1417-536-0-6303

Location:
Silver Beach Road

Goals(s) Achieved:



Department:
Utility Special District

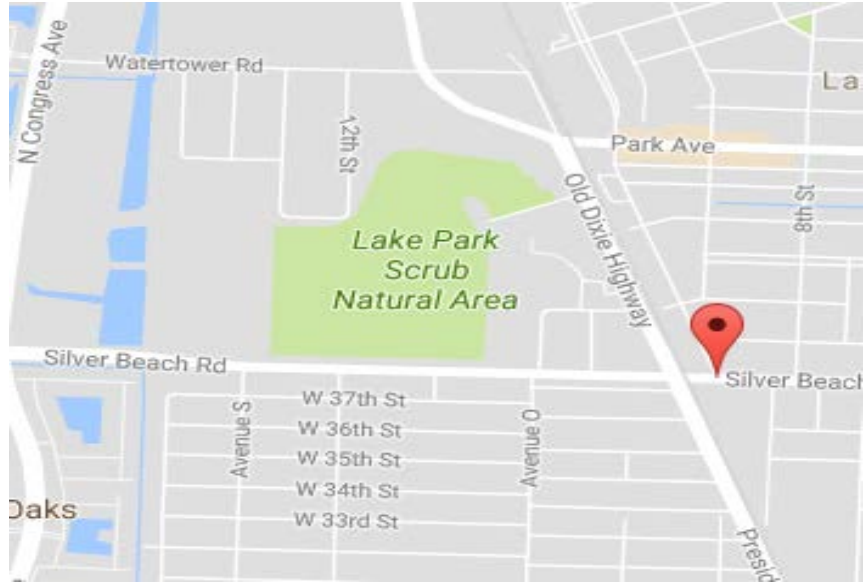
Project Status:
Palm Beach County project

Project Rank: 2
High

Project Year:
FY2018

Project Description

Palm Beach County is improving and widening Silver Beach Road from Old Dixie Highway to Congress Avenue which will include widening a portion that will have an impact on the location of existing water mains. USD is required to accommodate the road improvements and relocate existing water mains.



Project Funding

Fiscal Year	Capital Bonds	Total
In Progress		
2018	200,000	200,000
2019		
2020		
2021		
2022		
Total	\$200,000	\$200,000

Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
Total			

Utility Infrastructure in NW Strategy Area (NSA)

Type:
Infrastructure

Project #: 41089

A/C #:
412-1437-533-0-6303

Location:
Northwest Neighborhood

Goal(s) Achieved:



Department:
Utility Special District

Project Status:
Designed

Project Rank: 2
High

Project Year:
FY 2018

Project Description

The replacement of utility infrastructure is needed as outlined in the Northwest Strategy Area (NSA) Master Plan.



Project Funding

Fiscal Year	Renewal & Replacement	Total
In Progress		
2018	135,700	135,700
2019	135,700	135,700
2020	135,700	135,700
2021	135,700	135,700
2022	135,700	135,700
Total	\$678,500	\$678,500

Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
Total			

Water Treatment Plant Generators

Type:
Equipment

Project #: 41224

A/C #:
415-1437-533-0-6305
413-1434-533-0-6305

Location:
Water Treatment Plant

Goal(s) Achieved:



Department:
Utility Special District

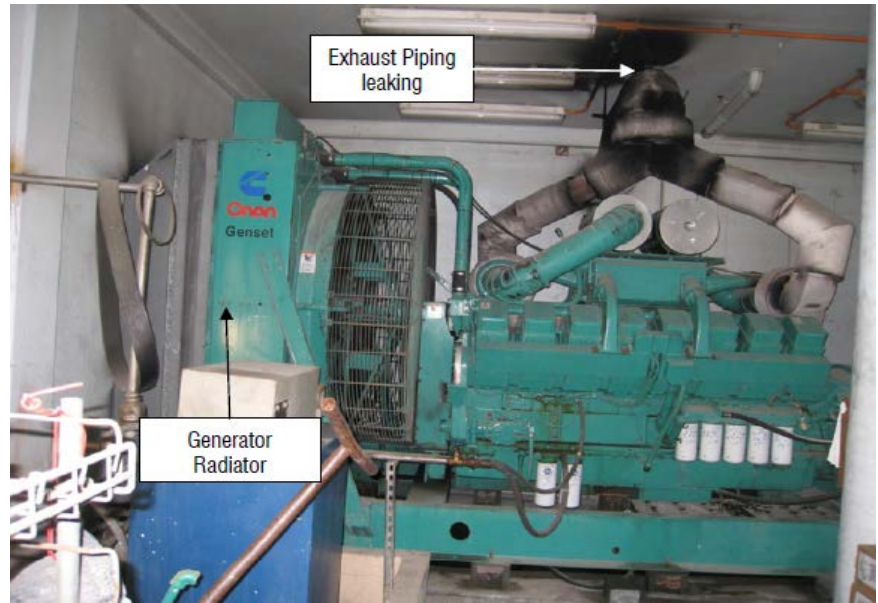
Project Status:
Working with engineers

Project Rank: 2
High

Project Year:
FY2018

Project Description

The Water Treatment Plant currently has two large generators over 20 years old. Generators provide an alternate power source to keep the plant operational during severe weather conditions and power outages, therefore, it is critical to replace the generators and are approaching the end of usefulness life.





Project Funding

Fiscal Year	Capital Bonds	Impact Fees	Total
In Progress			
2018	100,000		100,000
2019	1,021,000		1,021,000
2020		1,000,000	1,000,000
2021			
2022			
Total	\$1,121,000	\$1,000,000	\$2,121,000

Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
Total			

Fire Hydrant Replacement																											
<p>Type: Infrastructure</p> <p>Project #: 41092</p> <p>A/C #: 412-1430-533-0-6402</p> <p>Location: City-wide</p> <p>Goal(s) Achieved:</p>  <p>Department: Utility Special District</p> <p>Project Status: On-going process</p> <p>Project Rank: 3 Low</p> <p>Project Year: FY2018</p>	<p>Project Description</p> <p>There are approximately 1,100 fire hydrants in the USD water distribution system. USD employees will be used for the replacement of the hydrants.</p> 																										
	<p>Project Funding</p> <table border="1"> <thead> <tr> <th>Fiscal Year</th> <th>Renewal & Replacement</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>In Progress</td> <td></td> <td></td> </tr> <tr> <td>2018</td> <td></td> <td></td> </tr> <tr> <td>2019</td> <td>260,500</td> <td>260,500</td> </tr> <tr> <td>2020</td> <td></td> <td></td> </tr> <tr> <td>2021</td> <td></td> <td></td> </tr> <tr> <td>2022</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td>\$260,500</td> <td>\$260,500</td> </tr> </tbody> </table>			Fiscal Year	Renewal & Replacement	Total	In Progress			2018			2019	260,500	260,500	2020			2021			2022			Total	\$260,500	\$260,500
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Other																											
Total																											

Garden Road Improvement																									
<p>Type: Infrastructure</p>	<p>Project Description</p> <p>Palm Beach County is improving and widening Garden Road south of W. Blue Heron Blvd. The proposed improvements include the widening of a bridge that will impact the existing water main and sanitary sewer force mains. USD is required to accommodate the road improvements and will have to relocate existing water main and sanitary sewer force mains. USD's portion of the project is currently under design.</p>																								
<p>Project #: 41207</p>																									
<p>A/C #: 415-1417-536-0-6302</p>																									
<p>Location: Garden Road</p>																									
<p>Goal(s) Achieved:</p>																									
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<p>Project Status: In progress</p>																									
<p>Project Rank: 3</p> <p style="background-color: #008000; color: white; padding: 2px;">Low</p>																									
<p>Project Year: FY2018</p>																									

Ground Water Rule (GWR) Sanitary Survey


Type:
Infrastructure

Project #: 41095

A/C #:
412-1437-533-0-3103

Location:
City-wide

Goal(s) Achieved:



Department:
Utility Special District

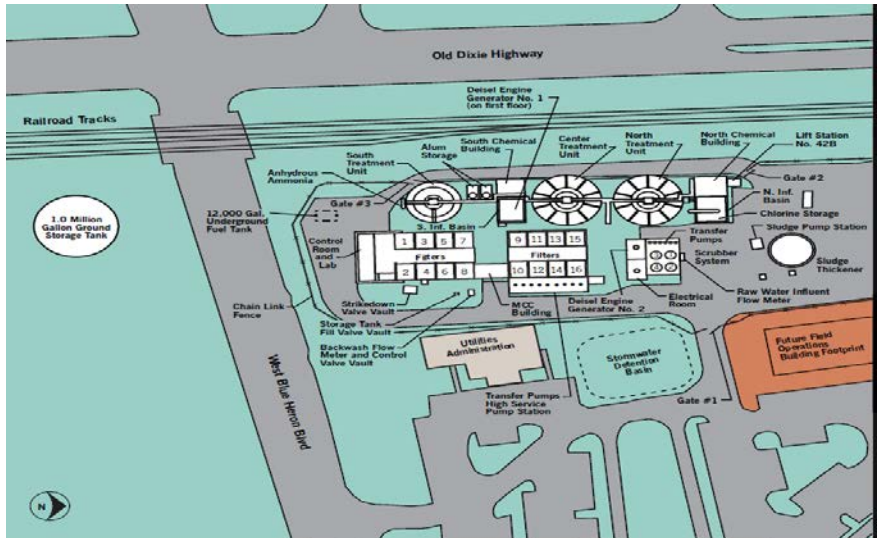
Project Status:
In progress

Project Rank: 3
Low

Project Year:
FY2018

Project Description

The Water and Wastewater Plan identified various water treatment rehabilitations and improvements.






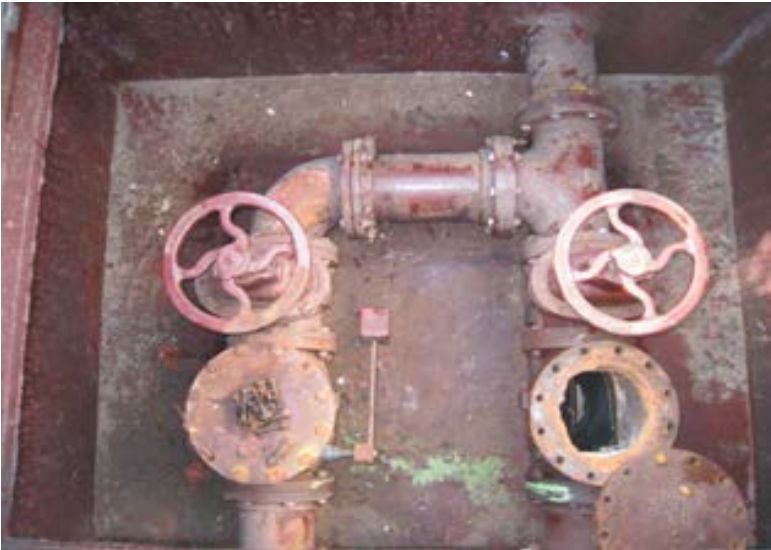
Project Funding



Fiscal Year	Renewal & Replacement	Total
In Progress		
2018	100,500	100,500
2019		
2020		
2021		
2022		
Total	\$100,500	\$100,500


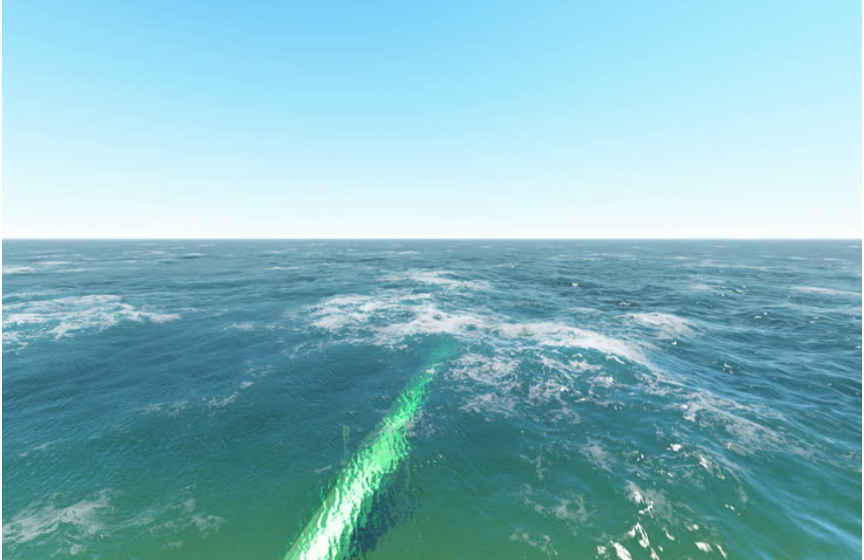
Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
Total			

Lift Station #48 Culvert																																																		
<p>Type: Infrastructure</p> <p>Project #: 41200</p> <p>A/C #: 413-1438-535-0-6301</p> <p>Location: West 6th Street/Avenue P</p> <p>Goal(s) Achieved:</p> <div style="text-align: center;">  </div> <p>Department: Utility Special District</p> <p>Project Status: Pending</p> <p>Project Rank: 3 Low</p> <p>Project Year: FY2018</p>	<p>Project Description</p> <p>Access to USD Lift Station #48 is through a north/south canal easement at the west end of 6th St. behind Glenwood Cemetery. The easement is narrow and difficult to maneuver large vacuum trucks in event of emergency. New access to culvert will vastly improve access to Lift Station #48.</p> <div style="text-align: center;">  </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="background-color: #e1eef6;">Project Funding</th> </tr> <tr> <th style="width: 33%;">Fiscal Year</th> <th style="width: 33%;">Impact Fees</th> <th style="width: 33%;">Total</th> </tr> </thead> <tbody> <tr> <td>In Progress</td> <td></td> <td></td> </tr> <tr> <td>2018</td> <td style="text-align: right;">50,000</td> <td style="text-align: right;">50,000</td> </tr> <tr> <td>2019</td> <td></td> <td></td> </tr> <tr> <td>2020</td> <td></td> <td></td> </tr> <tr> <td>2021</td> <td></td> <td></td> </tr> <tr> <td>2022</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td style="text-align: right;">\$50,000</td> <td style="text-align: right;">\$50,000</td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="background-color: #e1eef6;">Operating Budget Impact</th> </tr> <tr> <th style="width: 25%;">Type</th> <th style="width: 45%;">Description</th> <th style="width: 15%;">Amount</th> <th style="width: 15%;">Impact Year</th> </tr> </thead> <tbody> <tr> <td>Personnel</td> <td rowspan="3">Personnel hours and materials required.</td> <td></td> <td></td> </tr> <tr> <td>Operating</td> <td></td> <td></td> </tr> <tr> <td>Other</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Project Funding			Fiscal Year	Impact Fees	Total	In Progress			2018	50,000	50,000	2019			2020			2021			2022			Total	\$50,000	\$50,000	Operating Budget Impact				Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total			
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Lift Station Pump Replacement																											
<p>Type: Infrastructure</p> <p>Project #: 41093</p> <p>A/C #: 412-1438-533-0-6304</p> <p>Location: City-wide</p> <p>Goal(s) Achieved:</p>  <p>Department: Utility Special District</p> <p>Project Status: On-going process</p> <p>Project Rank: 3 Low</p> <p>Project Year: FY2018</p>	<p>Project Description</p> <p>USD has 50 sewage lift stations within its wastewater collection system. The lift station pump endures very harsh conditions and need to be serviced regularly and are replaced as needed.</p> 																										
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Operating																											
Other																											
Total																											

Lift Station Rehabilitation – Phase 2																																																	
<p>Type: Infrastructure</p> <p>Project #: 41231</p> <p>A/C #: 412-1438-535-0-6305</p> <p>Location:</p> <p>Goal(s) Achieved:</p> <div style="text-align: center;">  </div> <p>Department: Utility Special District</p> <p>Project Status: Pending</p> <p>Project Rank: 3 Low</p> <p>Project Year: FY2018</p>	<p>Project Description The Water and Wastewater Master Plan has identified various lift station rehabilitations and improvements.</p> <div style="text-align: center;">  </div> <table border="1"> <thead> <tr> <th colspan="3">Project Funding</th> </tr> <tr> <th>Fiscal Year</th> <th>Renewal & Replacement</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>In Progress</td> <td></td> <td></td> </tr> <tr> <td>2018</td> <td>500,000</td> <td>500,000</td> </tr> <tr> <td>2019</td> <td>500,000</td> <td>500,000</td> </tr> <tr> <td>2020</td> <td>1,180,000</td> <td>1,180,000</td> </tr> <tr> <td>2021</td> <td></td> <td></td> </tr> <tr> <td>2022</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td>\$2,180,000</td> <td>\$2,180,000</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="4">Operating Budget Impact</th> </tr> <tr> <th>Type</th> <th>Description</th> <th>Amount</th> <th>Impact Year</th> </tr> </thead> <tbody> <tr> <td>Personnel</td> <td rowspan="4">Personnel hours and materials required.</td> <td></td> <td></td> </tr> <tr> <td>Operating</td> <td></td> <td></td> </tr> <tr> <td>Other</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td></td> <td></td> </tr> </tbody> </table>	Project Funding			Fiscal Year	Renewal & Replacement	Total	In Progress			2018	500,000	500,000	2019	500,000	500,000	2020	1,180,000	1,180,000	2021			2022			Total	\$2,180,000	\$2,180,000	Operating Budget Impact				Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total		
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Total																																																	

Parallel Intracoastal Force Main																																										
<p>Type: Infrastructure</p> <p>Project #: 41228</p> <p>A/C #: 415-1417-536-0-6307</p> <p>Location: Singer Island</p> <p>Goal(s) Achieved:</p> <div style="text-align: center;">  </div> <p>Department: Utility Special District</p> <p>Project Status: Pending design work</p> <p>Project Rank: 3 Low</p> <p>Project Year: FY2018</p>	<p>Project Description</p> <p>The Water and Wastewater Master Plan has identified the need of a parallel subaqueous force main between Singer Island and the mainland.</p> <div style="text-align: center;">  </div> <p>Project Funding</p> <table border="1"> <thead> <tr> <th>Fiscal Year</th> <th>Capital Bonds</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>In Progress</td> <td></td> <td></td> </tr> <tr> <td>2018</td> <td></td> <td></td> </tr> <tr> <td>2019</td> <td>1,000,000</td> <td>1,000,000</td> </tr> <tr> <td>2020</td> <td>6,130,000</td> <td>6,130,000</td> </tr> <tr> <td>2021</td> <td></td> <td></td> </tr> <tr> <td>2022</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td>\$7,130,000</td> <td>\$7,130,000</td> </tr> </tbody> </table> <p>Operating Budget Impact</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Description</th> <th>Amount</th> <th>Impact Year</th> </tr> </thead> <tbody> <tr> <td>Personnel</td> <td rowspan="4">Personnel hours and materials required.</td> <td></td> <td></td> </tr> <tr> <td>Operating</td> <td></td> <td></td> </tr> <tr> <td>Other</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td></td> <td></td> </tr> </tbody> </table>	Fiscal Year	Capital Bonds	Total	In Progress			2018			2019	1,000,000	1,000,000	2020	6,130,000	6,130,000	2021			2022			Total	\$7,130,000	\$7,130,000	Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total		
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Perimeter Wall – Water Treatment Plant


Type:
City Facility

Project #: 41225

A/C #:
415-1437-533-0-6306

Location:
Water Treatment Plant

Goal(s) Achieved:



Department:
Utility Special District

Project Status:
Pending design work

Project Rank: 3
Low

Project Description

The Water and Wastewater Master Plan and the vulnerability assessment for the Water Treatment Plant have identified a large perimeter concrete wall requirement to safeguard the facilities. Phase I will include construction of a 12’ wall to replace current chain link. Phase II will include the construction of the remaining perimeter as a turn-key project (design-build).





Project Funding

Fiscal Year	Capital Bonds	Total
In Progress		
2018	505,000	505,000
2019	1,000,000	1,000,000
2020		
2021		
2022		
Total	\$1,505,000	\$1,505,000

Project Year:
FY2018

Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
Total			

Softening Units Replacement																																																		
<p>Type: Infrastructure</p> <p>Project #: 41214</p> <p>A/C #: 415-1437-533-0-6401</p> <p>Location: West Blue Heron Blvd.</p> <p>Goal(s) Achieved:</p>  <p>Department: Utility Special District</p> <p>Project Status: Work in progress</p> <p>Project Rank: 3 Low</p> <p>Project Year: FY2018</p>	<p>Project Description</p> <p>The Water and Wastewater Master Plan has identified the need to rehabilitate or replace the water treatment plant softening units.</p>  <table border="1"> <thead> <tr> <th colspan="3">Project Funding</th> </tr> <tr> <th>Fiscal Year</th> <th>Capital Bonds</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>In Progress</td> <td></td> <td></td> </tr> <tr> <td>2018</td> <td>3,253,000</td> <td>3,253,000</td> </tr> <tr> <td>2019</td> <td></td> <td></td> </tr> <tr> <td>2020</td> <td></td> <td></td> </tr> <tr> <td>2021</td> <td></td> <td></td> </tr> <tr> <td>2022</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td>\$3,253,000</td> <td>\$3,253,000</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="4">Operating Budget Impact</th> </tr> <tr> <th>Type</th> <th>Description</th> <th>Amount</th> <th>Impact Year</th> </tr> </thead> <tbody> <tr> <td>Personnel</td> <td rowspan="3">Personnel hours and materials required.</td> <td></td> <td></td> </tr> <tr> <td>Operating</td> <td></td> <td></td> </tr> <tr> <td>Other</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Project Funding			Fiscal Year	Capital Bonds	Total	In Progress			2018	3,253,000	3,253,000	2019			2020			2021			2022			Total	\$3,253,000	\$3,253,000	Operating Budget Impact				Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total			
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Utility Field Operations Building																																											
<p>Type: City Facility</p> <p>Project #: 41226</p> <p>A/C #: 415-1417-536-0-6301</p> <p>Location: Water Treatment Plant</p> <p>Goal(s) Achieved:</p> <div style="text-align: center;">  </div> <p>Department: Utility Special District</p> <p>Project Status: Pending design work</p> <p>Project Rank: 3 Low</p> <p>Project Year: FY2018</p>	<p>Project Description</p> <p>The Water and Wastewater Master Plan has identified the need for a new building, approximately 5,000 square feet, for the field operations personnel, which will replace the current building which was designed as a maintenance and storage building and does not provide adequate facilities for USD’s employees.</p> <div style="text-align: center;">  </div> <p>Project Funding</p> <table border="1"> <thead> <tr> <th>Fiscal Year</th> <th>Capital Bonds</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>In Progress</td> <td></td> <td></td> </tr> <tr> <td>2018</td> <td>100,000</td> <td>100,000</td> </tr> <tr> <td>2019</td> <td>1,033,000</td> <td>1,033,000</td> </tr> <tr> <td>2020</td> <td></td> <td></td> </tr> <tr> <td>2021</td> <td></td> <td></td> </tr> <tr> <td>2022</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td>\$1,133,000</td> <td>\$1,133,000</td> </tr> </tbody> </table> <p>Operating Budget Impact</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Description</th> <th>Amount</th> <th>Impact Year</th> </tr> </thead> <tbody> <tr> <td>Personnel</td> <td rowspan="3">Personnel hours and materials required.</td> <td></td> <td></td> </tr> <tr> <td>Operating</td> <td></td> <td></td> </tr> <tr> <td>Other</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Fiscal Year	Capital Bonds	Total	In Progress			2018	100,000	100,000	2019	1,033,000	1,033,000	2020			2021			2022			Total	\$1,133,000	\$1,133,000	Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total			
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Water Mains - Palm Beach Shores

Type:
Infrastructure

Project #: 41210

A/C #:
415-1430-533-0-6301
412-1430-533-0-6301

Location:
Palm Beach Shores

Goal(s) Achieved:



Department:
Utility Special District

Project Status:
Pending design work

Project Rank: 3
Low

Project Year:
FY2018

Project Description

The Water and Wastewater Master Plan has identified the need for replacement of water mains in Palm Beach Shores due to age and capacity.





Project Funding

Fiscal Year	Renewal & Replacement	Capital Bonds	Total
In Progress			
2018	131,160		131,160
2019	404,659	567,471	972,130
2020			
2021			
2022			
Total	\$535,819	\$567,471	\$1,103,290

Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
Total			

Facility Enhancement		Project Description	
<p>Type: City Facility</p> <p>Project #: 41203</p> <p>A/C #: 413-1417-536-0-6201</p> <p>Location: W. Blue Heron Boulevard</p> <p>Goal(s) Achieved:</p>  <p>Department: Utility Special District</p> <p>Project Status: On-going process</p> <p>Project Rank: 3 Low</p> <p>Project Year: FY2018</p>	<p>Enhancement of office.</p> 		
Project Funding			
Fiscal Year	Impact Fees		Total
In Progress			
2018	500,000		500,000
2019			
2020			
2021			
2022			
Total	\$500,000		\$500,000
Operating Budget Impact			
Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
Total			