

Electric Sys Ops Center (Cat 5 Level)

Adopted in FY2020 \$420,000



EF 2

(For Projects / Items Costing Over \$50,000)

Department

Project Duration

Life Expectancy

Priority

Electric

FY 19-22

20

1

Project Title

FDOT & Palm Beach County 6th Avenue South Roadway Improvements Project

Project Location

6th AVE S. & I-95 interchange west to Congress

Project Description/Justification

The FDOT and Palm Beach County 6th Ave S. improvements project is currently at 50% design phase. The scope of work includes new I-95 off ramps, roadway widening on the north side of 6th Ave. S. approximately 800 ft. west of I-95, bike lanes new bridge over Lake Osborne Dr. & Center Dr. Limits of construction are from Congress Ave east to the east side of the 6th Ave. S and I-95 interchange. Impacts to the Electric Utility include include utility pole adjustments, relocation and utility coordination. The City bears all relocation costs of its own facilities.

Strategic Goals Relevance/Categorical Criteria

Regulatory & Compliance

Project's Return on Investment

A value added asset to the corridor, new bike lane and raised bridges which inhibit passage of Emergency Services and LW service vehicles.



2021

FISCAL DETAILS

421-6034-531-63-15

Improve Other than Build / Infrastructure

Amount

This project is not expected to have any major impacts to operating costs...

Project's Impact on Other Departments

This project includes work for the Electric, Water, Sewer and Stormwater Departments and is a collaborative effort.

Expenditures	Pri	or Years		FY21		FY22		FY23			FY24			FY25			TOTAL
Capital Costs																	
Project Development																	
Design		60,000															60,000
Permitting																	23
Land/ROW Acquisition																	
Construction		400,000				200,000											600,000
Equipment																	*
Testing																	£1
Operating Costs																	
On-Going Operations																	
Maintenance																	*:
Personnel Costs																	2
Other (SPECIFY)																	
Total Expenditures	\$	460,000	s		\$	200,000	Ś		-	\$		-	\$			\$	660,000
1 otal Enperiod					_		Ė			•			_				
Off-Set Categories	Pri	or Years		FY21		FY22		FY23			FY24			FY25			TOTAL
New Revenues																	9
Other (SPECIFY)																	
															_		-
Total Off-Sets	\$		\$	•	\$	850	\$		-	\$		5	\$		15	\$	(2)
NET COST	\$	460,000	\$		\$	200,000	\$		i.e.	\$			\$			\$	660,000
	-																
Funding Sources	Pri	or Years	_	FY21		FY22		FY23		,	FY24			FY25			TOTAL
421-6034-531-63-15		460,000		200,000			_										660,000
																	- 10
	-		<u></u>														
	\$	460,000	\$	200,000	\$		\$		7	\$		7,7	\$		•	\$	660,000
Total Funding Sources	-		_				_			_						_	

		Net Operational impa	act:		
A. Revenues Generated:		В. Ехр	enses Incur	rext:	
A.1- Revenue #1	2	B.1- Personnel:	-	B.5- Utilities:	
A.2- Revenue #2		B.2 Debt Service Costs		B.6- Materials/Supplies:	-
A.J. Revenue #3		B.3- Contract Services:		B.7 Equipmont:	4
A.4- Revenue #4		B 4- Fixed Costs:		B.8- Miscellaneous:	
Revenue Totals (A.1 -to- A.4)	¥	Expense	Totals (B.1 -	to- B.8)	\$



NERC CIP & Security Camera System Improvements

Adopted in FY2020 \$277,000



EF 4

(For Projects / Items Costing Over \$50,000)

Department Electric

Project Duration FY19-21

Life Expectancy 20

Priority

1

Project Title

Park of Commerce - Phase 2

Project Location

7th Ave. N. & 4th Ave. N., Boutwell Rd. from Joyce to Lake Worth Rd.

Project Description/Justification

Phase 2 will be completed during FY2020/21 and includes water, sewer, stormwater, electric and roadway work along 7th and 4th Ave North and Boutwell Road from Joyce to Lake Worth Road. The work area is indicated in Green in the map shown to the right. The electric portion of work includes roadway lighting and underground lighting conduits.

Strategic Goals Relevance/Categorical Criteria

Regulatory & Compliance

Project's Return on Investment

A value added asset to the corridor for new business

Relevant Graphic Details (GIS or photo inserted)



FISCAL DETAILS

2	U	Z	1

This project is not expected to have any major impacts to operating costs.

Project's Impact on Other Departments

This project includes work for the Water, Sewer, Stormwater, Electric and Public Services Departments and is a collaborative effort.

Expenditures Capital Costs	Prior Years	FY21	FY22	FV23	FY24	FY25	T	OTAL
Project Development								
Design	50,000							50,000
Permitting								-
Land/ROW Acquisition								-
Construction	140,000	140,000						280,000
Equipment						ļ	-	
Testing						<u> </u>		
Operating Costs								
On-Going Operations								
Maintenance							1	-
Personnel Costs								-
Other (SPECIFY)								, wi
			İ					- 27
Total Expenditures	\$ 190,000	\$ 140,000	\$	\$	- \$	\$ -	\$	330,000
Off-Set Categories	Prior Years	FY21	FY22	FY23	FY24	FY25	Т	OTAL
New Revenues								-
Other (SPECIFY)								18.
,								
Total Off-Sets	\$	\$:=	\$ -	\$	- \$ -	\$ -	\$	•
Funding Sources	Prior Years	FY21	FY22	FY23	FY24	FY25	7	TOTAL
401-6020-531-31-90	50.000							50,000
401 9010 581 91 35	140,000	140,000						280,000
Total Funding Sources	\$ 190,000	\$ 140,000	\$ -	\$	- \$	\$ -	\$	330,000
This section must be	completed for	all applicable	projects. Ple			d expenses or	ice pro	ject is
				operational.				
		Ne	t Operationa					
A. Revenues Generated:			B	. Expenses in	gurred:			
A_1- Revenue #1		B 1- Personne	:	-	B.5- Utilities:			
A.2- Revenue #2	2-0	B 2- Debt Serv	ice Costs		Dig material			
A.3- Revenue #3	(2)	B.3- Contract S	Services:					2
A.4- Revenue #4	175	B.4- Fixed Cus	ls		D.0- Miscella	neous:		
Revenue Totals	-		Evn	ense Totals (B	5.1 -to- B 8)			2
(A.1 -to- A.4)	1		:- vh;	A POISIO (L)	, (0 5.0)			



Safety Information Management System (SIMS)

Adopted in FY2020 \$50,000



EF 6

(For Projects / Items Costing Over \$50,000)

Department

Electric

Project Duration

FY19-22

Life Expectancy

20

Priority

1

Project Title

New 138kV Tie-Line

Project Location

Entire Electrical Service Territory

Project Description/Justification

The CLWB Electric Utility is currently evaluating several options to construct a second 138kV Transmission tieline. The new tie-line when constructed and placed in service will provide the City with the level of redundancy and reliability to meet the City's power needs. This project is intended to make the electric system more resilient to storms and improve the quality of service to our customers by minmizing outages.

Strategic Goals Relevance/Categorical Criteria

Provide a second 138kV Transmission Tie-Line to improve system reliability.

Project's Return on Investment

ROI for this project will be based on revenue savings generated from decomissioning steam generation assets and reduciton in O&M related costs.

Relevant Graphic Details (GIS or photo inserted)



FISCAL DETAILS

Improve Other than Build / Infrastructure

2021

421-6034-531-63-15

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Operating costs will will be reduced due to retiring of generation assets and reduced O&M.

Project's Impact on Other Departments

No impacts to other departments

Expenditures	P	rior Years		FY21		FY22		FY23			FY24		FY25			TOTAL
Capital Costs																
Project Development				1												
Design																
Permitting																-
Land/ROW Acquisition																
Construction		10,000,000				12,000,000										22,000,000
Equipment												Τ				
Testing																(#1
Operating Costs																
On-Going Operations									-	Γ		Т				
Maintenance					i									- 1		
Personnel Costs																(*)
Other (SPECIFY)																- 20
,												1				
Total Expenditures	\$	10,000,000	\$		\$	12,000,000	\$		21	\$	-	\$			\$	22,000,000
Off-Set Categories	D	rior Years		FY21		FY22		FY23			FY24		FY25			TOTAL
New Revenues		noi rears		FYZI		F1ZZ		FYZO	-		F1Z4		rız.)		TOTAL
Other (SPECIFY)	_				-		_		_	-		+	_		+-	
Other (SPECIFY)	_		-		-		_		_	-		+				
Total Off-Sets	\$		\$	(S)	\$	-	\$	-	ij.	\$		\$:4	\$	
NET COST	<u>\$</u>	10,000,000	¢		\$	12,000,000	Ġ		-	\$		5			\$	22,000,000
MEI CO21	-	10,000,000	ب		,	12,000,000	-		-	٠		- V		_	Ų	22,000,000
Funding Sources	ρ	rior Years		FY21		FY22		FY23			FY24		FY2	5		TOTAL
Bond Funding into	*	10,000,000		1,000,000		12,000,000				Т		T			T	23,000,000
421-6034-531-63-15		_5,555,500		2,000,000		,000,000									1	23,000,000
122 0034 332 03 13			-						-						+	
Total Funding Sources	\$	10,000,000	\$	1,000,000	\$	12,000,000	\$			\$	16	5		:	\$	23,000,000

This section must be completed for all applicable projects. Please list future revenues and expenses once project is completed and fully operational.

		Net Operational impa	ct:	111	
A. Revenues Generated:		B. Expe	mses incorred.		
A.1- Revenue #1		B.1- Personnel:	- B.5- Utilities:		-
A.2- Revenue #2	:	B.2- Debt Service Costs:	B.6- Materials/Supplies:		- 3
A.3- Revenue #3		D.3- Contract Services:	B.7 Equipment		-
A.4- Revenue #4	-	B.4- Fixed Costs:	- B.8- Miscellaneous		
Revenue Totals (A.1 -to- A.4)		Expense T	otals (B.1 -to- B.8)	\$	-



EF 6a

(For Projects / Items Costing Over \$50,000)

Department

Project Duration

Life Expectancy

Priority

Electric

FY19-22

20

1

Project Title

New 138kV Tie-Line

Project Location

Entire Electrical Service Territory

Project Description/Justification

The CLWB Electric Utility is currently evaluating several options to construct a second 138kV Transmission tieline. The new tie-line when constructed and placed in service will provide the City with the level of redundancy and reliability to meet the City's power needs. This project is intended to make the electric system more resilient to storms and improve the quality of service to our customers by minmizing outages.

Relevant Graphic Details (GIS or photo inserted)



Strategic Goals Relevance/Categorical Criteria

Provide a second 138kV Transmission Tie-Line to improve system reliability.

Project's Return on Investment

ROI for this project will be based on revenue savings generated from decomissioning steam generation assets and reduciton in O&M related costs.

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		70	~_	ν_{-}		

2021

421-6034-531-63-15

Improve Other than Build / Infrastructure

1,000,000

Operating costs will will be reduced due to retiring of generation assets and reduced O&M.

Project's Impact on Other Departments

No impacts to other departments

Expenditures	Prior Years		FY21		FY22		FY23			FY24			FY25		TOTAL
Capital Costs															
Project Development															
Design			1,000,000												1,000,000
Permitting															
Land/ROW Acquisition															18
Construction															
Equipment															
Testing												<u></u>			
Operating Costs															
On-Going Operations	-														-
Maintenance															
Personnel Costs															
Other (SPECIFY)															=
Total Expenditures	\$ -	\$	1,000,000	\$		\$		Ţ	\$		i de	\$		-	\$ 1,000,000
Off-Set Categories	Prior Years		FY21		FY22		FY23			FY24			FY25		TOTAL
New Revenues	FIIOI TEATS	1	FIZI		F144		F123	-	-	r i Z co	-	1	F123		TOTAL
Other (SPECIFY)	: ! 	+				_		-	-			\vdash			
Other (SPECIFT)	_	+-		-		_		-							
Total Off-Sets	\$ -	\$		\$	-21	\$		1	\$			\$		œ.	\$
NET COST	\$ -	\$	1,000,000	\$		\$		7	\$		0.0	\$		-	\$ 1,000,000
	-	-		Ė				-							
Funding Sources	Prior Years		FY21		FY22		FY23			FY24			FY25		TOTAL
Bond Funding into	10,000,00	0	1,000,000		12,000,000		1110000								23,000,000
421-6034-531-63-15	-														
Total Funding Sources	\$ 10,000,000) \$	1,000,000	\$	12,000,000	_		12	\$			\$			\$ 23,000,000

This section must be completed for all applicable projects. Please list future revenues and expenses once project is completed and fully operational.

		Net Operational Impa	act:		
A. Revenues Generated:		B. Exp	enses Incor	red:	
A.1- Revenue #1	*	B.1- Personnel	-	B.5- Utilities:	
A.2- Revenue #2	- 4	B.2 Debt Service Costs:	2	B.6- Materials/Supplies:	4
A.3- Revenue #3	-	B.3- Contract Services:		B.7 Equipment:	-
A.4- Revenue #4		B.4- Fixed Costs:		B.8- Miscellaneous	-
Revenue Totals (A.1 -to- A.4)		Expense '	to- B.8)	\$ 	



EF 7

(For Projects / Items Costing Over \$50,000)

Department

Electric

Project Duration

FY21-25

Life Expectancy

20

Priority

1

Project Title

System Hardening & Reliability Improvement Program

Project Location

Entire Electrical Service Territory

Project Description / Justification

The LW Electric Utility is embarking on a system wide, hardening and relibility improvement program for the electrical distribution system. This project is intended to make the electric system more resilient to storms and improve the quality of service to our customers by minmizing outages.





Strategic Goals Relevance/Categorical Criteria

Harden the system and improve system reliability.

Project's Return on Investment

ROI for this project will be based on improved system reliability indices, hence, revenue increase due to minimizing outages and reduced outage duration.

FISCAL DETAILS		2021				
421-6034-531-63-15	Improve Other than Build / Infrastructure	\$	14,489,000			

and fully operational.

A.2-

A.3-

A.4-

Revenue Totals (A.1 -to- A.4)

A. Revenues Generated:

A.1 Revenue #1

Revenue #2

Revenue #3

Revenue #4

This project is not expected to have any major impacts to operating costs.

Project's Impact on Other Departments

No major impacts on other departments.

Expenditures	Pr	rior Years		FY21		FY22	FY23		FY24		FY25		TOTAL
Capital Costs													
Project Development	\$	(4)	\$		\$	*	\$ -	\$		\$	×	\$	
Design						*							
Permitting		<u>⊕</u>											-
Land/ROW Acquisition		061						1					D. D.
Construction	S	17,120,000	\$	14,489,000		21,225,000	8,683,000		17,730,000		11,780,000		91,027,000
Equipment						, i	- 4						
Testing		w.					 				4		
Operating Costs													
On-Going Operations													
Maintenance													-
Personnel Costs		V2						-					
Other (SPECIFY)		72	-	90									
			-							-		_	
				-									
Total Expenditures	\$	17,120,000	\$	14,489,000	\$	21,225,000	\$ 8,683,000	\$	17,730,000	\$	11.780.000	Ś	91,027,000
Total Expenditures	\$	17,120,000	\$	14,489,000	\$	21,225,000	\$ 8,683,000	\$	17,730,000	\$	11,780,000	\$	91,027,000
	·	17,120,000	\$	14,489,000 FY21	\$	21,225,000 FY22	\$ 8,683,000 FY23	\$	17,730,000 FY24	\$	11,780,000 FY25	\$	91,027,000 TOTAL
	·		\$		\$		\$	\$		\$		\$, ,
Off-Set Categories	Pr							,					, ,
Off-Set Categories New Revenues	Pr							,					, ,
Off-Set Categories New Revenues	Pr				\$		\$ FY23	,		\$, ,
Off-Set Categories New Revenues Other Line Loss Avoidance	S Pr	rior Years	\$	FY21	\$	FY22	\$ FY23	\$	FY24	\$	FY25		TOTAL
Off-Set Categories New Revenues Other Line Loss Avoidance Total Off-Sets NET COST	\$ \$	17,120,000	\$	FY21	\$	FY22	\$ FY23 8,683,000	\$	FY24	\$	FY25	\$	91,027,000
Off-Set Categories New Revenues Other Line Loss Avoidance Total Off-Sets	\$ \$	rior Years	\$	FY21	\$	FY22	\$ FY23	\$	FY24	\$	FY25	\$	TOTAL
Off-Set Categories New Revenues Other Line Loss Avoidance Total Off-Sets NET COST Funding Sources	\$ \$ pr	17,120,000	\$	FY21	\$	FY22	\$ FY23 8,683,000	\$	FY24	\$	FY25	\$	91,027,000 TOTAL
Off-Set Categories New Revenues Other Line Loss Avoidance Total Off-Sets NET COST Funding Sources	\$ \$	17,120,000	\$	FY21 14,489,000 FY21	\$	FY22	\$ FY23 8,683,000	\$	FY24	\$	FY25	\$	91,027,000 TOTAL
Off-Set Categories New Revenues Other Line Loss Avoidance Total Off-Sets NET COST Funding Sources 401-6034-531-63-15 421-6034-531-63-15	\$ \$ pr	17,120,000	\$	FY21	\$	FY22	\$ FY23 8,683,000	\$	FY24	\$	FY25	\$	91,027,000 TOTAL
Off-Set Categories New Revenues Other Line Loss Avoidance Total Off-Sets NET COST Funding Sources	\$ \$ pr	17,120,000	\$	FY21 14,489,000 FY21	\$	21,225,000 FY22	\$ FY23 8,683,000 FY23	\$	FY24 17,730,000 FY24	\$ \$	11,780,000 FY25	\$	91,027,000

Net Operational Impact:

B.1- Personnel:

B 4- Fixed Costs

B.2- Debt Service Costs:

B.3- Contract Services:

B. Expenses Incurred:

Expense Totals (B.1 -to- B.8)

B.5- Utilities:

- B.7- Equipment:

- B 8- Miscellaneous

B 6- Materials/Supplies:

\$



Capital Improvement Program (CIP) Project Request Form (For Projects / Items Costing Over \$50,000)

Department

Electric

Project Duration

FY20-24

Life Expectancy

10

Priority

3

Project Title

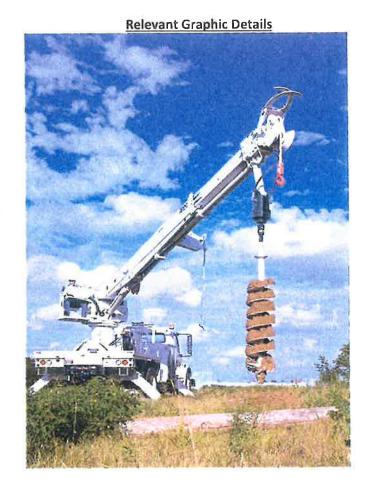
Line Trucks Replacement

Project Location

Replace aged trucks throughout the fleet

Project Description / Justification

Current trucks are beyond end of life and cost more money to maintain and repair. Also due to the age of the trucks, there are risks of safety hazard and liability to personnel and property.



Strategic Goals Relevance/Categorical Criteria

Improved crew efficiency and lower maintenance cost,

Project's Return on Investment

Work processes become easier and faster with reliable vehicles

FISCAL DETAILS	2021				
401-6034-531-64-30	Improve Other than Build / Infrastructure	\$	500,000		

This project is not expected to have any major impacts to operating costs.

Project's Impact on Other Departments

No major impacts on other departments,

Expenditures	Prior Years		FY21		FY22		FY23		FV24		FY25		TOTAL
Capital Costs Project Development	*	l e				۲.		ć		Ċ		e	
,	\$.	\$		\$		\$		\$		\$		\$	
Design	L	\vdash		-								_	
Cermitting		-		-				_		_		-	
Land/ROW Acquisition	(-	-		_		-		-		-		_	
Construction	\$	-	500,000	-	1,375,000		500,000		500,000	_	500,000	_	3,375,000
Equipment		-		_		-		-				-	
Testing				_	.40			_		_	-		
Operating Costs													
On-Going Operations			240										
Maintenance	511										24		
Personnel Costs			To Vie				-						2
Other (SPECIFY)		L	- V				-		12.				-
Total Expenditures	\$	\$	500,000	\$	1,375,000	\$	500,000	\$	500,000	\$	500,000	\$	3,375,000
Off-Set Categories	Prior Years		FY21		FY22		FY23		FY24		FY25		TOTAL
New Revenues	\$	\$		\$		\$	1100	\$		\$	1123	5	-
Other Line Loss Avoidance	· ·	Ť		Ť		-		-		-		-	
0(1161 21112 2000 7110 712 1100												1	
Total Off Sets	\$	\$		\$		\$	2	\$	8	\$	-	1	
NET COST	\$	\$	500,000	\$	1,375,000	\$	500,000	\$	500,000	\$	500,000	\$	3,375,000
Funding Sources	Prior Years	_	FY21	_	FY22		FY23	_	FY24	1	FY25	-	TOTAL
		-		-						_		\$	
401-6034-531-63-15	\$	\$		-	1,375,000		500,000	_	500,000	-	500,000	-	2,875,000
Other Financing/City Funds		-		-						-		-	
Total Funding Sources	\$	\$		\$	1,375,000	\$	500,000	\$	500,000	5	500,000	\$	2,875,000

This section must be completed for all applicable projects. Please list future revenues and expenses once project is completed and fully operational.

	Net Operational Impact:									
A. Revenues Generated:	B. Ex	B. Expenses Incurred:								
A.1- Revenue #1	- B.1- Personnel:	- B.5- Utilities:		141						
A,2- Revenue #2	- B.2- Debt Service Costs:	B.6- Materials/Supplies:								
A.3- Revenue #3	- B 3- Contract Services	- B.7- Equipment:								
A_4- Revenue #4	- B.4- Fixed Costs:	- B.8- Miscellaneous:		175						
Revenue Totals (A.1 -to- A.4)	Expense	Totals (B.1 -to- B.8)	6.5							



Roof Replacement - Utilities / Purchasing.

Adopted in FY2020 \$250,000



Charging Station

Adopted in FY2020 \$25,000



1601 N. Dixie Incentive Project

Adopted in FY2020 \$147,870



EF12

(For Projects / Items Costing Over \$50,000)

Department Electric Utility **Project Duration** FY21

Life Expectancy

Priority 1

20

Project Title

Oracle - cloud based software solution

Value Added Features provided by Oracle Project 1. No hardware cost - No future software upgrade cost

Project Location Electric Utility

Project Description/Justification

The Oracle solution which is comprised of 4 different cloud based software modules would bring a digital transformation to automate and modernize the Electric Utility's current Billing software, Work Order System, Warehouse Management and Customer Self-Service Portal. Each of the 4 Oracle modules come pre-integrated to each other providing more automation to the billing process - reducing manual intervention. Online work orders would replace paper work orders allowing field staff to add notes and close work order from a tablet in the field. Integrated and automated Warehouse Management Inventory controls would allow parts to be requested online as work orders are generated and assigned to field workers allowing time and materials reporting by project and SLAs on work orders assigned. Lastly, the Customer self-service portal which is fully integrated into the CIS Billing module would automate the start/stop/move customer requests, reducing manual interaction to process those requests.

Strategic Goals Relevance/Categorical Criteria

Improved Customer Experience and Satisfaction

Project's Return on Investment

Hard cost annual savings of \$267,000 realized beginning in year three

2. CIS Billing Module

- automation of billing tasks reduced manual interaction
- real-time reporting, analytics & dashboards included
- automation of high bill notifications to customers
- automates start/stop/change service requests from Portal module
- automation of work orders for field crew
- built-in metering module integrated to current AMI system
- better manage and report credit and collection acounts

3. Work Order Module

A) automated online paperless work order system

Work orders (w/o) sent to field crew via tablet rather than printing paper. Field crew adds notes and closes w/o in the field instead of returning paper w/o back to the office to have admin enter notes into system and then close w/o. Field crew receives timely nformation while in the field without having to come back to office to pick up new paper w/o. Work orders would be linked together for asset management. Field crew can be scheduled to specific routes and type of work. Real time crew tracking allows for re-routing in case of emergency.

B) integration into Inventory Mgmt module

Field crew can request materials from tablet once w/o assigned. Reports can be generated by project - tracking time & materials used on a specific job.

C) Work Order SLA reports

Time spent by field crew can be tracked and reported Time can be reported at asset level allowing for asset depreciation. Contractors can be assigned and tracked:

4. Warehouse Inventory Mgmt module

Integrates with Work Order module to automate and track materials needed from work orders generated and assigned. Automates and streamlines inventory tracking/counting process.

5. Customer Selfservice Portal

Integrated with CIS Billing module to provide automated self-service start/stop/move requests from customers. Notification center allows for customer to choose how to be contacted. Future chatbot functions available to keep customers from calling into Call Center for simple questions.

FISCAL DETAILS		2021
Account Number	Improve Other than Build / Infrastructure	Amount
401-6010-531-64-15	Machinery & Equipment	690,000
Place holder account		
Possible outside funding		
_	Total Expenditures	\$ 690,000

\$431,250 annually for years 2 to 5 and then \$355,000 ongoing annually for software licensing

Project's Impact on Other Departments

This project includes work that will impact Customer Service, Meter Shop, T&D, Warehouse, and utility customers.

Expenditures	Prior Yea	rs	FY21		FV22		FY23		FY24		FY25	TOTAL
Capital Costs			500,000			_		_				 500.000
Project Development Design		-	690,000					-				690,000
Permitting		-				-				_		
Land/ROW Acquisition	#	_						_				
Construction		-		_				-				
Equipment				-		_		_				
Testing												
resemb		_		_								
Operating Costs												
On-Going Operations												
Maintenance												
Personnel Costs												
Other (SPECIFY)												
Software License	-				431,250		431,250		431,250		431,250	1,725,000
Total Expenditures	\$. \$	690,000	\$	431,250	\$	431,250	\$	431,250	\$	431,250	\$ 2,415,000
Off-Set Categories	Prior Yea	ars	FY21		FY22		FY23		FY24		FY25	TOTAL
New Revenues												
Other (SPECIFY)												2
Total Off-Sets	\$	- \$	*	\$	525	\$		\$		\$	283	\$ 31.
NET COST	\$	- \$	690,000	\$	431,250	\$	431,250	\$	431,250	\$	431,250	\$ 2,415,000
Funding Sources	Prior Yea	ars	FY21		FY22		FY23		FY24		FY25	TOTAL
												4
												(*
Total Funding Sources	\$	\$		\$	5,55	\$		\$	- 3	\$		\$: ::::::::::::::::::::::::::::::::::::

This section must be completed for all applicable projects. Please list future revenues and expenses once project is completed and fully operational

		Net Operational Imp	act:		
A. Revenues Generated:		S. Exp	enses incur	red:	
A.1- Revenue #1	-	B.1- Personnel:		B.5 Utilities	:5:
A.2- Revenue #2		B.2- Debt Service Costs.		D.G- Materials/Supplies:	
A.3- Revenue #3		B.3- Contract Services:		B.7- Equipment	
A.4- Revenue #4		B.4- Fixed Costs:	2	B.8- Miscellaneous	
Revenue Totals (A.1 -to- A.4)		Expense Totals (B.1 -to- B.8)		-to- B.8)	\$



EF 13

(For Projects / Items Costing Over \$50,000)

Department

Project Duration FY21

Life Expectancy

Priority

Project Title

SCADA Telemetry Upgrade Project

Project Location

Electric Utility Service Territory

Project Description/Justification

Upgrade and replacement of the Electric Utility SCADA WiMax system. The FCC has recently sunsetted the current 3.65 GHz operating frequency which we currently utilize for the the Electric Utility SCADA system. A new FCC licensed system will need to be installed to maintain communication with substation and EU assets.



Strategic Goals Relevance/Categorical Criteria

Regulatory & Compliance

Project's Return on Investment

ROI for this project is based on system operation and control, system visability and restoration time in the event of an outage.

F	ISC	ΑL	DE.	ΓΔΙ	LS

2021

Account Number

Improve Other than Build / Infrastructure

175,000

Project's Impact on Other Departments

Expenditures	Prior Y	ears	FY21	FY22		FY23		FY24		FY25		TOTAL
Capital Costs												
Project Development												je.
Design												j. K
Permitting												27
Land/ROW Acquisition												5.
Construction			100,000									100,000
Equipment			/5,000									75,000
Testing							L_		1		1	-
Operating Costs												
On-Going Operations				25								
Maintenance	-											
Personnel Costs	=											-
Other (SPECIFY)												
Total Expenditures	\$	-	\$ 175,000	\$	- \$		\$	-	\$		\$	175,000
										-81 T		
	Prior Y	'ears	FY21	FY22		FV23		FY24		FY25		TOTAL
New Revenues	Prior Y	'ears	FY21	FY22	:	FV23		FY24		FY25		TOTAL
	Prior Y	ears	FY21	FY22		FV23		FY24		FY25		TOTAL
New Revenues Other (SPECIFY)												TOTAL
New Revenues	Prior Y	ears	FY21	FY22			\$	FY24	\$	FY25		TOTAL
Other (SPECIFY)				\$			\$				\$	TOTAL 175,000
New Revenues Other (SPECIFY) Total Off-Sets NET COST	\$	*	\$ -	\$	- \$			-			\$	175,000
New Revenues Other (SPECIFY) Total Off-Sets NET COST	\$	*	\$ - \$ 175,000 FY21	\$	- \$						\$	175,000 TOTAL
New Revenues Other (SPECIFY) Total Off-Sets NET COST Funding Sources	\$	*	\$ -	\$	- \$			-			\$	175,000
New Revenues Other (SPECIFY) Total Off-Sets NET COST Funding Sources	\$	*	\$ - \$ 175,000 FY21	\$	- \$			-			\$	175,000 TOTAL

This section must be completed for all applicable projects. Please list future revenues and expenses once project is completed and fully operational.

		Net Operational Imp	act:		
A. Revenues Generated:		B. Exp	enses Incur	red:	
A1- Revenue#1		B.1- Personnel:		B.5- Utilities:	
A.2- Revenue #2	000	B.2- Debt Service Costs:		B 6- Materials/Supplies	
A.3- Revenue #3	90	B.3- Contract Services:		B.7- Equipment:	(+
A.4- Revenue #4	36	B.4- Fixed Costs:	121	B.8- Miscellaneous	
Revenue Totals (A.1 -to- A.4)	*	Expense Totals (B.1 -to- 8,8		to- 8-8)	\$ 8



EF 14

(For Projects / Items Costing Over \$50,000)

Department

Project Duration

Life Expectancy

Priority

Electric

FY 21

20

1

Project Title

Palm Beach County 10th Ave N. & Boutwell Rd. Intersection Improvements

Project Location

10th Ave N intersection with Boutwell Road

Project Description/Justification

The Palm Beach County 10th Ave N. intersection improvements project is currently at 100% design phase. The scope of work includes water, sewer, stormwater, electric and roadway work. Limits of construction are from the northern section of Boutwell Rd project to 500 ft. north of 10th on Boutwell and approximately 500 ft. east and west of Boutwell along 10th Ave N. The electric portion of work includes pole relocation, UT coordination and underground electrical work. Existing utility poles hardened to meet wind-load criteria of the system hardening process. The City bears all relocation costs of it's own facilities.

Strategic Goals Relevance/Categorical Criteria

Regulatory & Compliance

Project's Return on Investment

A value added asset to the corridor for new business. Mitigate traffic issues by installation of new turn lane and mast arms.

Relevant Graphic Details (GIS or photo inserted)



FISCAL DETAILS

421-6034-531-63-15

Improve Other than Build / Infrastructure

365,000

This project is not expected to have any major impacts to operating costs,

Project's Impact on Other Departments

This project includes work for the Electric, Water, Sewer and Stormwater Departments and is a collaborative effort.

Expenditures	Prio	r Years	FY21		FY22		FY23		FY24			FY25		TOTAL
Capital Costs														
Project Development														- 34_
Design		15,000	15,000											 30,000
Permitting														100
Land/ROW Acquisition														
Construction			225,000					l l						225,000
Equipment			125,000											125,000
Testing														
Operating Costs											_			
On-Going Operations														2
Maintenance														
Personnel Costs														
Other (SPECIFY)				_										
Total Expenditures	\$	15,000	\$ 365,000	\$		×	\$		\$	*	\$			\$ 380,000
Off-Set Categories	Prio	r Years	FY21		FY22		FY23		 FY24			FY25		 TOTAL
New Revenues														2
Other (SPECIFY)														
														9
Total Off-Sets	\$	365	\$ *	\$::#1	\$	=	\$	×	\$		(8)	\$ 90
NET COST	\$	15,000	\$ 365,000	\$: E	\$	24	\$ 	-	\$		j.	\$ 380,000
Funding Sources	Prio	r Years	FY21		FY22		FY23		FY24			FY25		TOTAL
421-6034-531-63-15	S-1		365,000											365,000
401-6020-531-31-90		15,000												15,000
	1000													5
Total Funding Sources	\$	15,000	\$ 365,000	ċ			\$		\$		\$		-	\$ 380,000

This section must be completed for all applicable projects. Please list future revenues and expenses once project is completed and fully operational.

		Net Operational Imp	act:		
A. Revenues Generated:		B. Exp	enses Incu:	red;	
A.1- Revenue #1	-	B.1- Personnel:		B.5- Utilities:	-
A.2- Revenue #2		B.2- Debt Service Costs:		B.6- Materials/Supplies	
A.3- Revenue #3		B.3- Contract Services.	2	B.7- Equipment	
A.4- Revenue #4	-	B.4- Fixed Costs:	9	B.8- Miscellaneous	-
Revenue Totals (A.1 -to- A.4)	9.	Expense	Totals (B.1 -	to- B-8)	\$ 25



EF 15

(For Projects / Items Costing Over \$50,000)

Department

Project Duration

Life Expectancy

Priority

Electric

FY21

15

1

Project Title

Palm Beach County School Board (PBSC) WiFi Project

Project Location

City of Lake Worth Beach

Project Description/Justification

As part of the CARES Act, the CLWB, Palm Beach County School Board and Palm Beach County ISS propose to install approximately 255 WiFi radios to provide internet access to residents for educational purposes. Capital costs for CLWB Electric Utility to install additinal wire and transformers to power the devices.



Strategic Goals Relevance/Categorical Criteria

Provide residents with WiFi for educational purposes

Project's Return on Investment

75,000
_

This project is not expected to have any major impacts to operating costs.

Project's Impact on Other Departments

This project includes work for the Electric, Water, Sewer and Stormwater Departments and is a collaborative effort.

Expenditures Capital Costs	Prior Years	FY21	ГҮ22	FY23	FY24	FY25	TOTAL
Project Development	\$ -	\$ -	\$ -	\$	is -	\$	s -
Design				-	-		
Permitting				12	-	-	
Land/ROW Acquisition				-	-		
Construction		75,000					75,000
Equipment				-		-	
Testing		<u> </u>	-	-	-	+	-
Operating Costs							
On-Going Operations				1			
Maintenance				-	-		
Personnel Costs		-	-				-
Other (SPECIFY)	-		-	-	-	-	
				-		-	-
Total Expenditures	\$:=	\$ 75,000	\$	\$ -	\$ -	\$ -	\$ 75,000
A value added asset to th	n Prior Years	FY21	FY22	FY23	FY24	FY25	TOTAL
New Revenues	\$:-	\$	\$	\$ -	\$ -	\$ 2	\$ %
Other (SPECIFY)	12				2	1 740	
,			1			524	
Total Off-Sets	\$ -	4					\$
NET COST	\$ -	\$ 75,000	\$ -	\$ =	\$ -	\$ -	\$ 75,000
Funding Sources							
r arrantig boardes	Orior Voors	EV21	EV22	EV22	EVZA	EV2E	TOTAL
421-6034-531-63-15	Prior Years	FY21	FY22	FY23	FY24	FY25	TOTAL
421-6034-531-63-15	Prior Years	FY21 \$ 75,000	FY22	FY23	FY24	T .	TOTAL \$ 75,000
421-6034-531-63-15	Prior Years	1	FY22	FY23			
421-6034-531-63-15		\$ 75,000			\$	\$	\$ 75,000
Total Funding Sources	\$	\$ 75,000	\$	\$ -	\$ -	\$ -	\$ 75,000
	\$	\$ 75,000	\$	\$ -	\$ -	\$ -	\$ 75,000
Total Funding Sources This section must be co	\$	\$ 75,000 \$ 75,000 II applicable p	\$	\$ - e list future re	\$ -	\$ -	\$ 75,000
Total Funding Sources This section must be co	\$	\$ 75,000 \$ 75,000 II applicable p	\$ rojects. Pleas	\$ - e list future re	\$ -	\$ -	\$ 75,000
Total Funding Sources This section must be co completed and fully ope	\$	\$ 75,000 \$ 75,000 II applicable p	\$ rojects. Pleas	\$ - e list future re mpact:	\$ -	\$ -	\$ 75,000
Total Funding Sources This section must be co completed and fully ope A. Revenues Generated	\$	\$ 75,000 \$ 75,000 Il applicable p	\$ rojects. Pleas	\$ - e list future re mpact:	\$ - svenues and e	\$ -expenses once	\$ 75,000
Total Funding Sources This section must be co completed and fully ope A. Revenues Generated A.1. Revenue #1	\$	\$ 75,000 \$ 75,000 I applicable properties Net B.1- Personnel B.2- Debt Servi	\$ rojects. Pleas t Operational । ह.	\$ - e list future re mpact:	\$ evenues and e	\$	\$ 75,000
Total Funding Sources This section must be co- completed and fully ope A. Revenues Generated A.1- Revenue #1 A.2- Revenue #2	\$	\$ 75,000 \$ 75,000 I applicable po Net B.1- Personnel B.2- Debt Servi	\$ rojects. Pleas t Operational I	5 - e list future re	\$ evenues and e	\$ - expenses once	\$ 75,000



Well #17 New Construction- Design

Adopted in FY2020 \$662,000



EF 13

(For Projects / Items Costing Over \$50,000)

Department Water Treatment **Project Duration** FY20-FY22

Life Expectancy 50

Priority 3

Project Title

Raw Watermain serving Wells 17, 18

Project Location

TBD

Project Description/Justification

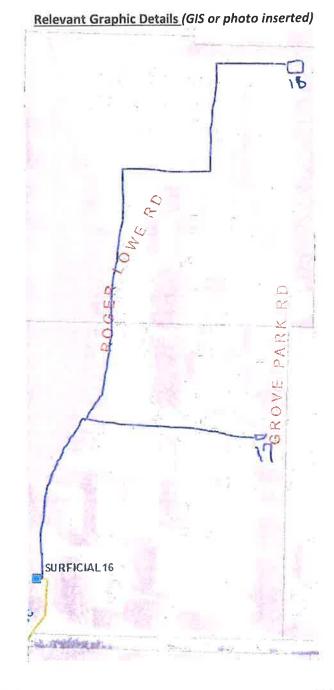
This project includes construction of a new 16-inch raw watermain to serve surficial Wells #17 and #18 which are proposed for construction in 2022 and 2023, respectively. The City is currently drilling test wells to determine the final locations of wells 17 and 18. The next phases of the project will extend the raw watermain to connect to proposed Wells 17 and 18. The new wells are currently included in the City's Consumptive Use Permit from South Florida Water Management District (SFWMD). If the wells are located at 1900 2nd Ave North, they will be tied to the generator that is located at the Repump Facility so that they will be able to run on emergency power.

Strategic Goals Relevance/Categorical Criteria

Connection of new wells to existing raw watermain for use

Project's Return on Investment

Redundancy and longer life of existing surficial wells



FISCAL DETAILS

Discription

2021

Total Expenditures

None

Project's Impact on Other Departments

No impact on other Departments.

					FV24		FY25		,	OTAL
	1					T				
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			7							-
			7					_		-
170,000	170,000									340,000
										- 200
	11.									
										-
										196
			- (1)							727
										1/5
			Ü							-
\$ 170,000	\$ 170,000	\$	\$	34	\$	× \$		8	\$	340,000
Prior Years	FY21	EY22		FY73	FY7A		FV25		ī	TOTAL
				7120	1	T	1100			31715.
								\neg		
								-+		
\$ =	\$ -:	\$	- \$	ie .	\$	× \$		-	\$	-
\$ 170,000	\$ 170,000	\$	÷ \$		\$	- \$			\$	340,000
Halor Voore	LA3-I	FV23		rvaa	EV7.4		רעמר		_	COTAL
					T		8425	-1		TOTAL
170,000	170,000							-		340,000
	-					-		-		
\$ 170,000	\$ 170,000	<u> </u>	- 6		6	- c			č	340,000
							nenene			
ompiotod for					icvenides a	iu exp	7011303	01100	, pr	7,001.13
	Net	Operation	al Im	pact:						
			e Ex	paness Incu	1917					
	B.1- Personnel				B 5- Utilities					
*	B.2- Debt Servi	ce Costs.			B.6- Materia	ıls/Sup	plies:			23
20	B.3- Contract S	ervices			B 7- Fquipn	nent				-
	B.1 Fixed Cos	ts			B.8- Miscell	aneous	3			<u> </u>
(*)		Ext	oense	Totals (B.1	-to- B.8)					¥
	\$ 170,000 Prior Years \$ 170,000 Prior Years	\$ 170,000 \$ 170,000 Prior Years FY21 \$ - \$	\$ 170,000 \$ 170,000 \$ Prior Years FY21 FY22 \$ 170,000 \$ 170,000 \$ Prior Years FY21 FY22 170,000 \$ 170,000 \$ \$ 170,000 \$ 170,000 \$ completed for all applicable projects. Properties and full Net Operations B.1- Personnel: B.2- Debt Service Costs. B.3- Contract Services B.4 Fixed Costs:	\$ 170,000 \$ 170,000 \$ - \$ Prior Years	\$ 170,000 \$ 170,000 \$ - \$ - Prior Years FY21 FY22 FY23 \$ - \$ - \$ - \$ - Prior Years FY21 FY22 FY23 170,000 \$ 170,000 \$ - \$ - Prior Years FY21 FY22 FY23 170,000 \$ 170,000 \$ - \$ - Sompleted for all applicable projects. Please list future completed and fully operational. Net Operational Impact: - B.1- Personnel: - B.2- Debt Service Costs B.3- Contract Services: - B.4 Fixed Costs:	\$ 170,000 \$ 170,000 \$ - \$ - \$ \$ Prior Years FY21 FY22 FY23 FY24 \$ - \$ - \$ - \$ \$ 170,000 \$ 170,000 \$ - \$ - \$ \$ 170,000 \$ 170,000 \$ - \$ - \$ Prior Years FY21 FY22 FY23 FY24 170,000 170,000	\$ 170,000 \$ 170,000 \$ - \$ - \$ - \$ - \$ Prior Years FY21 FY22 FY23 FY24 \$ 170,000 \$ 170,000 \$ - \$ - \$ - \$ \$ 170,000 \$ 170,000 \$ - \$ - \$ - \$ Prior Years FY21 FY22 FY23 FY24 170,000 170,000 \$ 170,000 \$ 170,000 \$ - \$ - \$ - \$ completed for all applicable projects. Please list future revenues and expression of the project	\$ 170,000 \$ 170,000 \$ - \$ - \$ - \$ Prior Years	\$ 170,000 \$ 170,000 \$ - \$ - \$ - \$ - \$ Prior Years FY21 FY22 FY23 FY24 FY25 \$ - \$ - \$ - \$ - \$ - \$ \$ 170,000 \$ 170,000 \$ - \$ - \$ - \$ - \$ Prior Years FY21 FY22 FY23 FY24 FY25 \$ 170,000 \$ 170,000 \$ - \$ - \$ - \$ - \$ Prior Years FY21 FY22 FY23 FY24 FY25 170,000 170,000 \$ 170,000 \$ 170,000 \$ - \$ - \$ - \$ - \$ completed for all applicable projects. Please list future revenues and expenses once completed and fully operational. Net Operational Impact: ### Representation and Completed Service Costs. ### B.1- Personnel: ### B.1- Personnel: ### B.2- Debt Service Costs. ### B.3- Contract Services: ### B.3- Contract Services: ### B.4- Fixed Costs: ### B.8- Miscellaneous:	\$ 170,000 \$ 170,000 \$ - \$ - \$ - \$ - \$ Prior Years



(For Projects / Items Costing Over \$50,000)

EF 14

Department

Water Treatment

Project Duration FY19-21 Life Expectancy

50

Priority 3

Project Title

Clearwell Structural Improvements, Transfer Pump & Local Ground Storage Tank Repairs

Project Location

Water Treatment Plant

Project Description/Justification

This project has provided important structural repairs to the East Clearwell in FY2018. The continued project includes North Clearwell concrete and structural repairs to the walls and roof with a focus on the southeast corner where the Local Ground Storage Tank transfer pump is located. A reinforced concrete equipment pad is proposed for the future transfer pump and replacement of the existing transfer pump as a future phase of this project. Also part of this future phase is the pump, motor and piping replacement of the existing transfer pump and new pump, as well as, control panel. Repairs to the 50+year old Ground Storage Tank (GST) at the Water Plant are included with this project as it will be down at the time the North Clerawell is down.

Strategic Goals Relevance/Categorical Criteria

Health, Safety, Environment

Project's Return on Investment

Redundancy and longer life of water treatment plant

Relevant Graphic Details



FISCAL DETAILS		2021
Account Number	Discription	Amount
422-7022-533.63-00	Improve Other than Build / Infrastructure	\$ 175,000
	Total Expenditures	\$ 175,000

This project will prolong life of the east and north clearwells and reduce maintenance and downtime of the clearwells.

Project's Impact on Other Departments

No impact on other Departments.

Expenditures	Prior Years	FY21	FY22	FY23	FY24	FY25		TOTAL	
Capital Costs									
Project Development	\$	\$	\$	5	- S	- \$	- \$	-	
Design				-	4:				
Permitting				-	750	2	-	100	
Land/ROW Acquisition				-			2/	-	
Construction	1,386,419	175,000		3	5)			1,561,419	
Equipment					2	9	9		
Testing				-1		<u>.</u>	*		
Operating Costs									
On-Going Operations	-		- :	- /	-	-			
Maintenance			5	-:	-		*	18	
Personnel Costs		4 6		2	-1	8	-		
Other (SPECIFY)				-		-			
		2		-	-	_	-		
Total Expenditures	\$ 1,386,419	\$ 175,000	\$	\$	÷ \$	× \$	- S	1,561,419	
Off-Set Categories	Prior Years	FY21	FY22	FY23	FY24	FY25		TOTAL	
New Revenues	\$	\$	Ι.	- 5	- \$	- 5	- 5	101ML	
Other (Specify)	J	7	7		7	- 1 3	. 3		
Other (Specify)						1			
Total Off-Sets	\$	\$ -	\$	- \$	= \$	÷ \$	- 3		
NET COST	\$ 1,386,419	\$ 175,000) \$	× \$	= \$	\$	\$	1,561,419	
z 1: a	20.1	F349.4	71100		-149.6			7070	
Funding Sources	Prior Years	FY21	FY22	FY23	FY24	FY25	-1	TOTAL	
Water Fund	\$ 1,386,419	3 175,000	\$	\$	\$	\$	- \$	1,561,419	
				-	-	:-	090		
	-		-	*		-	(F.)		
Total Funding Sources	\$ 1,386,419			* \$	- \$	- \$. \$	1,561,419	
This section must be co completed and fully ope		ii applicable p	rojects. Pleas	se li s t future	revenues and	expenses one	ce pro	ject is	
		Ne	et Operationa	Impact:					
A. Revenues Generated:	T .	T		. Expenses tr	curred		T		
A 1- Revenue #1		B 1- Personne		T	- B.5- Utilities			-	
A.2- Revenue #2		D.2- Debt Ser			D.6 Materia				
A.3- Revenue #3		B.3- Contract		1	- B.7- Equipm		-		
A.4- Revenue #4		B 4- Fixed Co			- D.0- Miscellaneous				
Revenue Totals	1	1			1=.5 111103011				
							1 8		



Flash Mixer Structural Modification

Adopted in FY2020 \$500,000



Project Request Form
(For Projects / Items Costing Over \$50,000)

EF 16

Department

Water Treatment

Project Duration

FY23

Life Expectancy

50

Priority

3

Project Title

South Booster Station Repairs

Project Location

South Booster Station, 15th Ave S and S E Street

Project Description/Justification

This project will provide important structural repairs to the South Booster Station, both the ground storage tank and the building that houses the pumps. The project includes concrete and structural repairs to the walls and roof of the ground storage tank. Repairs were recently done to the North Booster Station and ground storage tank there. Both tanks are around the same age and maintenance is necessary to keep them in service providing backup storage for fire protection and high demands. This project will also include addition of a mixer to provide greater mixing in the tank and prevent nitrification.



Strategic Goals Relevance/Categorical Criteria

Health, Safety, Environment

Project's Return on Investment

Redundancy and longer life of water system

FISCAL DETAILS			2021
Account Number	Description	Ar	nount
422-7022-533.63-00	Improve Other than Build / Infrastructure	\$	
	Total Expenditures	\$	*

This project will prolong life of the south booster station and ground storage tank and reduce downtime.

Project's Impact on Other Departments

No impact on other Departments.

Expenditures Capital Costs	Prior Years	FY21	FY2	22		FY23	FY24	E)	725		TOTAL
Project Development	\$	\$	- \$	-	\$		\$	Š	#	\$	
Design				(9)					-		(F:
Permitting			e.	12		12					
Land/ROW Acquisition			2.								
Construction	-		-	16.		600,000					600,000
Equipment			-			-		3			
Testing			-	72					•		-
Operating Costs											
On-Going Operations		1	2	F.							
Maintenance											
Personnel Costs		1				-		. 1	-		-
Other (SPECIFY)	-	1							-		
, ,				-							
Total Expenditures	\$.	\$	- \$	1.71	\$	600,000		- \$		\$	600,000
Off-Set Categories	Prior Years	FY21	FY:	9		FY23	FV24	E.	¥25		TOTAL
New Revenues	\$ -	\$	- \$		\$. ,	Ś	\$		\$	10,1116
Other (Specify)	-	1	Ť		P			.		9	
± (-(/ /		i							70		
Total Off-Sets	\$	\$	- \$	74)	\$	•	\$	- \$	-	\$	-
NET COST	\$ -	\$	÷ \$		\$	600,000	\$. \$	2:	\$	600,000
Funding Sources	Prior Years	FY21	FY2	77		FY23	FY24	E	Y25		TOTAL
Water Fund	\$	\$	\$		\$	600,000	\$. \$	123	\$	600,000
	-	1			7	500,000		7		7	000,000
					_						
Total Funding Sources	Ś -	Ś	- Ś		ŝ	600,000	ć	- \$		\$	600,000
This section must be co- completed and fully ope	mpleted for al			Please						,	
osmpiotos aria rany ope	i di	N.	et Operati	ional le	nna	n.b.					
A. Revenues Generated:	T	14	et Operati			dees Incom	rad				
A.1- Revenue #1		B.1- Personn	ol*	(A)	×276	- A-04 - CS RC 133					
A.2- Revenue #2		B.2- Debt Sei					B.5- Utilities: B.6- Materials	/Cupalia		-	
A 3- Revenue #3	-	B.3- Contract			-	-			5.		
A.4- Revenue #4		B.4- Fixed Co					B 7- Equipme				
Revenue Totals		D.4- Fixed Co		F	- ~	-t-1- (D.4	B.8- Miscellar	ieous;			
(A.1 -to- A.4)				Lxpen:	36 10	otale (B.1 -	(o- B.8)			\$	



EF 17

(For Projects / Items Costing Over \$50,000)

DepartmentWater Distribution

Project Duration FY19-25

Life Expectancy
50

Priority
1

Project Title

Lake Osborne Estates Watermain Replacement

Project Location

Lake Osborne Estates

Project Description/Justification

This project will replace all of the vitrified clay water mains primarily located in the easements and alleys behind homes, in addition to some areas where the watermains are in the roadway. The project is proposed to be carried out over three years, with 2019 and 2020 having construction of Phase 1. Design of Phase 2 is proposed in FY 2024 and will replace the old watermains. The mains located in alleys and roadways will be replaced there, while the mains located in easements will be relocated to the roadway in front of the properties. Replacement of this old, easily broken watermain is necessary to provide consistent water quality, pressure and reducing the occurrence of watermain breaks, which will decrease the frequency of boil water notices, and reduce maintenance costs that this area has been subject to in the past.

Strategic Goals Relevance/Categorical Criteria

Health, Safety, Environment

Project's Return on Investment

Resilience and redundancy

Relevant Graphic Details (GIS or photo inserted)



This project will not have any major operating cost impacts and will reduce personnel time recently spent repairing watermain breaks.

Project's Impact on Other Departments

This project is not expected to impact other departments.

Expenditures Capital Costs	Prior Years		FY21		FY22		FY23			FY24		FY25			TOTAL
Project Development		T				1									
Design	435,999					T									435,999
Permitting		T													
Land/ROW Acquisition						T									95
Construction	3,314,001		15,000							2,600,000					5,929,001
Equipment						T									95
Testing															
Operating Costs															
On-Going Operations															(#c)
Maintenance		ļ												<u> </u>	a
Personnel Costs															547
Other (SPECIFY)		Į.				1									<u>a</u>
Total Expenditures	\$ 3,750,000	\$	15,000	\$	-	9	S	- 2	\$	2,600,000	\$			\$	6,365,000
Off-Set Categories	Prior Years		FY21		FY22		FY23	3		FY24		FY25			TOTAL
New Revenues	× 110	T		İ		ī									
Other (SPECIFY)		1				T									-
															E
Total Off-Sets	\$ -	\$	-	\$,	5	×	\$	*	\$		E	\$	**
NET COST	\$ 3,750,000	\$	15,000	\$		9	÷	=	\$	2,600,000	\$		-	\$	6,365,000
Funding Sources	Prior Years		FY21		FY22		FY23	3		FY24		FY25			TOTAL
Water Fund	435.999	1	F121	1	FYZZ	ī	FY2:	5	T	F124	_	FY45)	1	TOTAL
SRF Loan		+-		-		+)F.	-		-			-	
2KL FOGII	3,314,001	+	15,000	-		+			-	2,600,000	-		_	\vdash	
Total Funding Sources	\$ 3,750,000		15,000	_		1	Ŝ	-	Ŝ	2 500 000	_		_	\$	
This section must be								huma	,	2,600,000			-		
This section must be		all -	complet	ed	and fully	op	erationa		LG A 6	enues and	exp	enses	one	:e b	roject is
	_		Net	Op	erational	lm	pact:								
A. Revenues Generated:					Ek.	E	penses	1000	red		_				
A.1- Revenue #1	-	B 1	- Personnel						B.5	5- Utilities:					15
A.2- Revenue #2		B.2	2- Debt Serv	ice (Costs.				B.6	6- Materials/	Supj	plies.			I E
A.3- Revenue #3		B.3	B- Contract S	Serv	ices			5	B.7	' Equipmen	t				
A.4- Revenue #4	-	B.4	- Flxed Cos	ts:					B.8	3- Miscellane	ous	0			
Revenue Totals (A.1 -to- A.4)	-				Ехра	กระ	e Totals	(B.1	-ìo-	B.8)					



Capital Improvement Program (CIP)

Project Request Form

(For Projects / Items Costing Over \$50,000)

Project Duration Department Water Distribution FY15-22

Life Expectancy 50

Priority 1

EF 18

Project Title

2" Watermain Replacement

Project Location

City wide

Project Description/Justification

This project will replace all of the identified 2-inch galvanized water mains primarily located in the easements and alleys behind homes, in addition to some areas where the watermains are in the roadway. The project is currently being carried out over five years, with 2021 having contruction of years 5/6 that will replace the corroded steel watermains. The mains located in alleys and roadways will be replaced there, while the mains located in easements will be relocated to the roadway in front of the properties. The 2013 water distribution study recommended abandoning all 2-inch water mains in the alleys, easements and roadways, and installing new 4 or 6-inch PVC water mains, improving the water quality and pressure to the properties, as well as reducing the occurrence of watermain breaks, which will decrease the frequency of boil water notices, and reduce maintenance costs. The City has applied for and received FDEP Drinking Water State Revolving Fund loans for each phase of construction thus far, with some principal forgiveness too.

Strategic Goals Relevance/Categorical Criteria

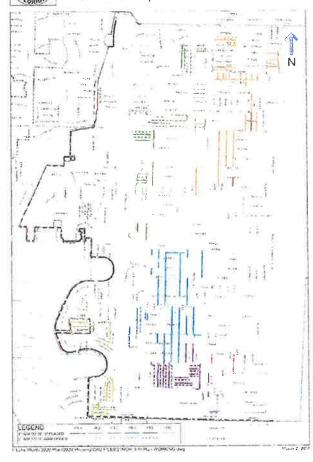
Health, Safety, Environment

Project's Return on Investment

Resilience and redundancy

Relevant Graphic Details





FISCAL DETAILS		2021
Account Number	Description	Amount
422-7034-533.63-15	Improve Other than Build / Infrastructure	\$ 5,175,000
	Total Expenditures	\$ 5,175,000

This project will not have any major operating cost impacts and will reduce personnel time recently spent repairing watermain breaks.

Project's Impact on Other Departments

This project is not expected to impact other departments.

Expenditures Capital Costs	Prior Ye	dis		FV21		FY22		F	Y23		FY24		FY25			TOTAL
Project Development	\$	1-2	\$		Ś		- I	Ś	-	\$		Ş			\$	-
Design	1,468	8,441		F-5										- 1		1,468,441
Permitting		1545					-							-		-
Land/ROW Acquisition		ac.					-									-
Construction	10,735	5,210		5,175,000								t				15,910,210
Equipment		(é)					-		- 4	-				-		
Testing		_ 5		Б			SI.					-				
Operating Costs																
On-Going Operations) Ties		-			-					-		14		
Maintenance		560		- 1								- 1		150		E
Personnel Costs		:00					×					-		(-)		
Other (SPECIFY)		10.0		1.0			-					-		20		
		160					-		36			-		- 20		-
Total Expenditures	\$ 12,203	3,651	\$	5,175,000	\$		100	\$		\$)	- 5)	æ	\$	17,378,651
Off-Set Categories	Prior Ye	ears		FY21		FY22		F	Y23		FY24		FY25			TOTAL
New Revenues		- 6					-0							(4)		- 2
Other (SPECIFY)							ļ							Iko:		
										 					_	
									240					K		2
Total Off-Sets	\$		\$	-	\$		1(4)	\$		\$		- \$	\$. [c]	\$	
Total Off-Sets	\$ \$ 12,203			5,175,000			(%)		14)	\$				_	,	17,378,651
NET COST		3,651	\$			FY22		ş	14)	,		- \$		7.2	,	17,378,651 TOTAL
NET COST	\$ 12,203	3,651 ears	\$	5,175,000		FY22		ş		,	FY24	- \$	\$	7.2	,	TOTAL
NET COST	\$ 12,203 Prior Ye \$ 11,53	3,651 ears	\$	5,175,000 FY21	\$	FY22		\$ F	Y23	\$	FY24	- 5	\$	7.2	\$	TOTAL 16,706,851
NET COST Funding Sources Water Fund	\$ 12,203 Prior Ye \$ 11,53	3,651 ears 1,851	\$	5,175,000 FY21	\$	FY22		\$ F	Y23	\$	FY24	- 5	\$	7.2	\$	TOTAL 16,706,851
NET COST Funding Sources Water Fund	\$ 12,203 Prior Ye \$ 11,533	3,651 ears 1,851 1,800	\$	5,175,000 FY21	\$	FY22		\$ \$	Y23	\$	FY24	- 5	FY25	7.2	\$	TOTAL 16,706,851 671,800
NET COST Funding Sources Water Fund SRF Loan Forgiveness Total Funding Sources This section must be co	\$ 12,203 Prior Ye \$ 11,53: 67: \$ 12,203 pmpleted f	3,651 ears 1,851 1,800	\$ \$	5,175,000 FY21 5,175,000 5,175,000	\$			\$ \$	Y23	\$	FY24	- 5	FY25		\$	TOTAL 16,706,851 671,800
NET COST Funding Sources Water Fund SRF Loan Forgiveness Total Funding Sources	\$ 12,203 Prior Ye \$ 11,53: 67: \$ 12,203 pmpleted f	3,651 ears 1,851 1,800	\$ \$	5,175,000 FY21 5,175,000 5,175,000 licable pr	\$ \$ rojec	ts. Ple	ase	\$ \$ \$ e list f	Y23 - - - - - - - - -	\$	FY24	- 5	FY25		\$	TOTAL 16,706,851 671,800
NET COST Funding Sources Water Fund SRF Loan Forgiveness Total Funding Sources This section must be cocompleted and fully ope	\$ 12,203 Prior Ye \$ 11,53: 67: \$ 12,203 pmpleted f	3,651 ears 1,851 1,800	\$ \$	5,175,000 FY21 5,175,000 5,175,000 licable pr	\$ \$ rojec	ts. Plea	ase	\$ \$ \$ list f	Y23	\$ \$ \$ evenue	FY24	- 5	FY25		\$	TOTAL 16,706,851 671,800
NET COST Funding Sources Water Fund SRF Loan Forgiveness Total Funding Sources This section must be co- completed and fully ope A. Revenues Generated:	\$ 12,203 Prior Ye \$ 11,53: 67: \$ 12,203 pmpleted f	3,651 ears 1,851 1,800	\$ \$ \$ l app	5,175,000 FY21 5,175,000 5,175,000 licable pi	\$ \$ rojec	ts. Plea	ase	\$ \$ \$ list f	V23	\$ \$ evenu	FY24 ues and	- 5	FY25		\$	TOTAL 16,706,851 671,800
NET COST Funding Sources Water Fund SRF Loan Forgiveness Total Funding Sources This section must be co- completed and fully ope A. Revenues Generated: A.1- Revenue #1	\$ 12,203 Prior Ye \$ 11,53: 67: \$ 12,203 pmpleted f	3,651 ears 1,851 1,800	\$ \$ \$ \$	5,175,000 FY21 5,175,000 5,175,000 licable pi	\$ \$ rojec	ts. Plearationa	ase	\$ \$ \$ list f	V23	\$ \$ venue	FY24 ues and Utilities:	ex	FY25 Spenses of		\$	TOTAL 16,706,851 671,800
NET COST Funding Sources Water Fund SRF Loan Forgiveness Total Funding Sources This section must be completed and fully ope A. Revenues Generated: A.1- Revenue #1 A.2- Revenue #2	\$ 12,203 Prior Ye \$ 11,53: 67: \$ 12,203 pmpleted f	3,651 ears 1,851 1,800	\$ \$ app	5,175,000 FY21 5,175,000 5,175,000 licable properties of the p	\$ \$ roject Ope	ets. Plearationa	ase	\$ \$ \$ list f	V23	\$ \$ \$ vent B.5- D.0-	ry24 ues and Utilities: Materials	- \$ exp	FY25 Spenses of		\$	TOTAL 16,706,851 671,800
NET COST Funding Sources Water Fund SRF Loan Forgiveness Total Funding Sources This section must be completed and fully ope A. Revenues Generated: A.1- Revenue #1 A.2- Revenue #2 A.3- Revenue #3	\$ 12,203 Prior Ye \$ 11,53: 67: \$ 12,203 pmpleted f	3,651 ears 1,851 1,800	\$ \$ \$ \$	5,175,000 FY21 5,175,000 5,175,000 licable properties of the pr	\$ \$ \$ rojec t Ope	ets. Plearationa	ase	\$ \$ \$ list f	Y23	\$ \$ \$ venu	ues and Utilities: Materials Equipme	exp	FY25 Spenses of		\$	TOTAL 16,706,851 671,800
NET COST Funding Sources Water Fund SRF Loan Forgiveness Total Funding Sources This section must be completed and fully ope A. Revenues Generated: A.1- Revenue #1 A.2- Revenue #2	\$ 12,203 Prior Ye \$ 11,53: 67: \$ 12,203 pmpleted f	3,651 ears 1,851 1,800	\$ \$ \$ \$	5,175,000 FY21 5,175,000 5,175,000 licable properties of the p	\$ \$ \$ rojec t Ope	ets. Plearationa	ase	\$ \$ \$ list f	Y23	\$ \$ \$ venu	ry24 ues and Utilities: Materials	exp	FY25 Spenses of		\$	TOTAL 16,706,851 671,800



EF 19

(For Projects / Items Costing Over \$50,000)

Department

Stormwater Utilities

Project Duration

FY17 - FY21

Life Expectancy

40 Years

Priority

3

Project Title

Stormwater Main NRP Projects

Project Location

City-Wide

Project Description/Justification

These projects, which place value on a vital part of the City's infrastructure, have been coordinated with the City's Public Services Department and the Neighborhood Road Program. The Departments were able to establish a construction sequence by meshing the Utilities fire protection plan and proposed sewer rehabilitation project schedule with the Stormwater Masterplan and Public Services Roadway & Sidewalk Masterplan. Stormwater main installations and replacements identified in the plan were prioritized based on the stormwater modeling for capacity and treatment in the Masterplan.

Strategic Goals Relevance/Categorical Criteria

Healthy, Safety, Environment

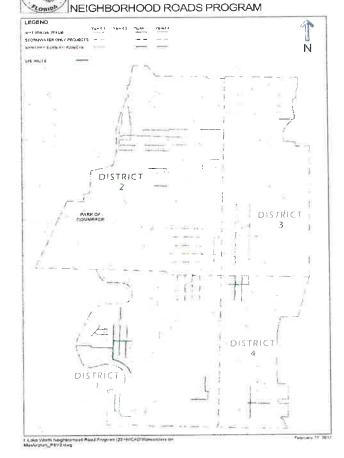
Project's Return on Investment

Resilience and redundancy of the stormwater collection system

Relevant Graphic Details (GIS or photo inserted)

Check out http://lakeworthroads.com/master-plan to see a visual map

CITY OF LAKE WORTH WATERMAIN, STORM & SANITARY PROJECTS WITH



FISCAL DETAILS 2021
Account Number Description Amount

Account NumberDescriptionAmount428-5090-538.63-15Improve other than Build324,800Total Expenditures\$ 324,800

Reduction in repair and replacement of stormwater mains.

Project's Impact on Other Departments

This project includes work for the Water, Sewer, Stormwater, and Public Services Departments and is a collaborative effort.

Expenditures Capital Costs	Prior Years	FY21	FY22	FY23	FY24	FY25	TOTAL
Project Development							2
Design							
Permitting							
Land/ROW Acquisition							2
Construction	974,400.00	324,800					1,299,200
Equipment							4
Testing							
Expenditures	Prior Years	FY21	FY22	FY23	FY24	FY25	TOTAL
Neighborhood Road Program - Dist 1	1,843,316	324,800		i	1		2,168,116
Neighborhood Road Program - Dist 2	417,470						417,470
Neighborhood Road Program - Dist 3	1,115,752						1,115,752
Neighborhood Road Program - Dist 4	596,329	Ì					596,329
	3,972,867	324,800	-	34	9	=	4,297,667
Operating Costs							
On-Going Operations		I			1		
Maintenance							
Personnel Costs		İ			1		
Other (SPECIFY)							
	-				1	1	
Total Expenditures	\$ 3,972,867	\$ 324,800	\$	\$	\$ -	\$ -	\$ 4,297,667
Off-Set Categories	Prior Years	FY21	FY22	FY23	FY24	FY25	TOTAL
New Revenues							
Other (Specify)							
				1			
Total Off-Sets	\$	\$	\$	\$	\$ -	\$ -	\$
NET COST	\$ 3,972,867	\$ 324,800	\$ 0	\$ -	\$ -	\$ -	\$ 4,297,667
Funding Sources	Prior Years	FYZ1	FY22	FY23	FY24	FY25	TOTAL
Potential Grant?	3,972,867	324,800	1 1 2 4 6	114.3	1124	1123	4,297,667
	3,3,72,007	52.4,000					4,297,067
Total Funding Sources	\$ 3,972,867	\$ 324,800	\$ -	\$ -			
This section must be complete						\$ -	\$ 4,297,667
The Country Historia	a tot en abbue		lly operationa		s and exhense	s once project	is completed
		Net Ope	erational Impa	ict:			
A. Revenues Generated			Β.	Expenses incl	u reci		
A 1- Revenue #1		R 1- Personnel	ñ .		8 5- Utilities		
A.2- Revenue #2		B 2- Debt Servi	ice Costs		B 6- Materials	/Supplies	
A.3- Revenue #3	-	B.3- Contract S	Services:	:-	B.7- Equipme	nt:	



EF 20

(For Projects / Items Costing Over \$50,000)

DepartmentStormwater Utilities

Project Duration FY17 - FY21 Life Expectancy
40 Years

Priority 3

Project Title

Stormwater Main NRP Projects

Relevant Graphic Details (GIS or photo inserted)

Check out http://lakeworthroads.com/master-plan to see a visual map

Project Location

City-Wide

Project Description/Justification

These projects, which place value on a vital part of the City's infrastructure, have been coordinated with the City's Public Services Department and the Neighborhood Road Program. The Departments were able to establish a construction sequence by meshing the Utilities fire protection plan and proposed sewer rehabilitation project schedule with the Stormwater Masterplan and Public Services Roadway & Sidewalk Masterplan. Stormwater main installations and replacements identified in the plan were prioritized based on the stormwater modeling for capacity and treatment in the Masterplan.

Strategic Goals Relevance/Categorical Criteria

Healthy, Safety, Environment

Project's Return on Investment

Resilience and redundancy of the stormwater collection system

CITY OF LAKE WORTH WATERMAIN, STORM & SANITARY PROJECTS WITH NEIGHBORHOOD ROADS PROGRAM LEGEND JOHN MANN LOGIC STANICT DISTRICT DISTRICT DISTRICT DISTRICT

FISCAL DETAILS Account Number Description Amount 428-5090-538.63-15 Improve other than Build Total Expenditures \$ 190,251

Reduction in repair and replacement of stormwater mains,

Project's Impact on Other Departments

This project includes work for the Water, Sewer, Stormwater, and Public Services Departments and is a collaborative effort.

Expenditures	Prior Years	FY21	FYZZ	F	Y23	FY20;	FYZ5		TOTAL
Capital Costs									
Project Development									100
Design	397,287								397,287
Permitting									- 61
Land/ROW Acquisition									14"
Construction	3,575,580.35	190,251							3,765,831
Equipment									
Testing									170
Expenditures	Prior Years	FY21	FY22	7	Y23	FY24	FY25		TOTAL
Neighborhood Road Program - Dist 1	1,843,316								1,843,316
Neighborhood Road Program - Dist 2	417,470	190,251	ł.						607,721
Nelghborhood Road Program - Dist 3	1,115,752			1					1,115,752
Neighborhood Road Program - Dist 4	596,329								596,329
	3,972,867	190,251	^		*	é)			4,163,118
Operating Costs									
On-Going Operations							T T		
Maintenance								+	
Personnel Costs								\top	-
Other (SPECIFY)								1	
Total Expenditures	\$ 3,972,867	\$ 190,251	\$	\$	*	ş -	S -	\$	4,163,118
Off-Set Categories	Prior Vears	EV71	EV22	E.	vaa	EVO 4	FVar		
Off-Set Categories New Revenues	Prior Years	FY21	FY22	F	Y23	FY24	FY25	_	TOTAL
New Revenues	Prior Years	FY21	FY22	F	Y23	FY24		-	
_	Prior Years	FY21	FY22	F	Y23	FY24	FV25		
New Revenues	Prior Years	FY21	FY22	F		FY24		\$	
New Revenues Other (Specify)		\$ -	\$ -						TOTAL
New Revenues Other (Specify) Total Off-Sets NFT COST	\$	\$	\$ -	\$		\$ -	\$ -		
New Revenues Other (Specify) Total Off-Sets	\$	\$	\$ -	\$ \$		\$ -	\$ -		TOTAL
New Revenues Other (Specify) Total Off-Sets NFT COST	\$ 3,9/2,86/	\$ 190,251	\$ -	\$ \$	2	\$ -	\$ -		TOTAL
New Revenues Other (Specify) Total Off-Sets NFT COST Funding Sources	\$ - \$ 3,9/2,867 Prior Years	\$ 190,251 FY21	\$ -	\$ \$	2	\$ -	\$ -		4,163,118
New Revenues Other (Specify) Total Off-Sets NET COST Funding Sources Potential Grant?	\$ - \$ 3,972,867 Prior Years 3,972,867	\$ 190,251 FY21 190,251	\$ - \$ FY22	\$ \$	Y23	\$ - \$ - FYZ4	\$ - \$ FY25	\$	TOTAL 4,163,118 TOTAL 4,163,118
New Revenues Other (Specify) Total Off-Sets NET COST Funding Sources Potential Grant? Total Funding Sources	\$ - \$ 3,972,867 Prior Years 3,972,867 \$ 3,972,867	\$ 190,251 FY21 190,251 \$ 190,251	\$ - FY22	\$ \$ F	Y23	\$ - FYZ4	\$ - \$ FY25	\$	4,163,118 TOTAL 4,163,118
New Revenues Other (Specify) Total Off-Sets NFT COST Funding Sources Potential Grant?	\$ - \$ 3,972,867 Prior Years 3,972,867 \$ 3,972,867	\$ 190,251 FY21 190,251 \$ 190,251 able projects.	\$ - FY22	\$ \$ \$ \$ ture rev	Y23	\$ - FYZ4	\$ - \$ FY25	\$	4,163,118 TOTAL 4,163,118
New Revenues Other (Specify) Total Off-Sets NET COST Funding Sources Potential Grant? Total Funding Sources	\$ - \$ 3,972,867 Prior Years 3,972,867 \$ 3,972,867	\$ 190,251 FY21 190,251 \$ 190,251 able projects. and fu	\$ - \$ FY22 \$ Please list fu	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Y23	\$ - FYZ4	\$ - \$ FY25	\$	4,163,118 TOTAL 4,163,118
New Revenues Other (Specify) Total Off-Sets NET COST Funding Sources Potential Grant? Total Funding Sources	\$ - \$ 3,972,867 Prior Years 3,972,867 \$ 3,972,867	\$ 190,251 FY21 190,251 \$ 190,251 able projects. and fu	\$ - FY22 \$ - Please list fu Illy operational	\$ \$ \$ \$ \$ \$ ture reval.	Y23	\$ - FYZ4 - and expenses	\$ - \$ FY25	\$	4,163,118 TOTAL 4,163,118
New Revenues Other (Specify) Total Off-Sets NFT COST Funding Sources Potential Grant? Total Funding Sources This section must be complete	\$ - \$ 3,972,867 Prior Years 3,972,867 \$ 3,972,867	\$ 190,251 FY21 190,251 \$ 190,251 able projects. and fu	\$ - FY22 \$ - Please list fu Illy operational Imparational \$ \$ \$ \$ \$ \$ ture reval.	Y23 venues	\$ - FYZ4 - and expenses	\$ - \$ FY25	\$	4,163,118 TOTAL 4,163,118	
New Revenues Other (Specify) Total Off-Sets NFT COST Funding Sources Potential Grant? Total Funding Sources This section must be complete A. Revenues Generated:	\$ - \$ 3,972,867 Prior Years 3,972,867 \$ 3,972,867	\$ 190,251 FY21 190,251 \$ 190,251 able projects. and fu Net Ope	\$ - FY22 \$ - Please list fully operational Importational	\$ \$ \$ \$ \$ \$ ture reval.	Y23 venues :	\$ - FY24 \$ - and expenses	\$ - FY25 \$ - s once projec	\$	4,163,118 TOTAL 4,163,118
New Revenues Other (Specify) Total Off-Sets NFT COST Funding Sources Potential Grant? Total Funding Sources This section must be complete A. Revenues Generated: A.1- Revenue #1	\$ - \$ 3,972,867 Prior Years 3,972,867 \$ 3,972,867 d for all applica	\$ 190,251 FY21 190,251 \$ 190,251 able projects. and fu Net Ope	\$ - FY22 \$ - Please list fu Illy operational Impa	\$ \$ \$ \$ \$ \$ ture reval.	Y23 venues a	\$ - FYZ4 \$ - and expenses	\$ - FY25 \$ - s once project	\$	4,163,118 TOTAL 4,163,118
New Revenues Other (Specify) Total Off-Sets NFT COST Funding Sources Potential Grant? Total Funding Sources This section must be complete A. Revenues Generated: A.1- Revenue #1 A.2- Revenue #2	\$ 3,972,867 Prior Years 3,972,867 \$ 3,972,867 d for all applica	\$ 190,251 FY21 190,251 \$ 190,251 able projects. and fu Net Ope B.1- Personnel B.2- Debt Servi	\$ - FY22 \$ - Please list fu Illy operational Impa	\$ \$ \$ \$ \$ \$ ture reval.	Y23 venues :	\$ - FYZ4 \$ - and expenses B.5- Utilities: B.6- Materials/	\$ - \$ - \$ - \$ - \$ - \$ conce project Supplies:	\$	4,163,118 TOTAL 4,163,118



1601 N Dixie Incentive Project

Adopted in FY2020 \$250,000



10th Ave N West of Boutwell WM Upsizing

Adopted in FY2020 \$100,000



Park of Commerce - Phase 1B

Adopted in FY2020 \$190,000



EF 24

(For Projects / Items Costing Over \$50,000)

Department Stormwater Project Duration FY 21 **Life Expectancy**

Priority

30

1

Project Title

Park of Commerce - Phase 2

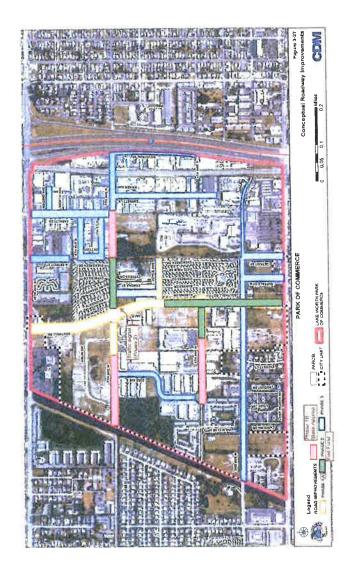
Relevant Graphic Details

Project Location

Boutwell Road from Lake Worth Road to 10th Ave N

Project Description/Justification

Phase 1A was completed in FY2020. Phase 1B is currently under construction in FY20-21. Phase 2 includes water, sewer, stormwater, electric, and roadway work along 7th and 4th Aves North and Boutwell Road from Joyce Ave to Lake Worth Road. The stormwater portion of work includes new structures and piping to collect stormwater along 7th Avenue North.



Strategic Goals Relevance/Categorical Criteria

Regulatory & Compliance

Project's Return on Investment

A value added asset to the corridor for new business.

FISCAL DETAILS

2021

Account Number

Description

Amount

428-5090-538.63-15

Improve Other than Build / Infrastructure

155,000

Total Expenditures

155,000

This project is not expected to have any major impacts to operating costs.

Project's Impact on Other Departments

This project includes work for the Electric, Water, Sewer, Stormwater, and Public Services Departments and is a collaborative effort.

Expenditures	Prior Years	FY21	FY22	FY23	FY24	FY25	TOTAL
Capital Costs			r ,	1.			
Project Development	\$	\$ -	\$	\$	\$	\$ -	\$ -
Design							
Permitting							
Land/ROW Acquisition	(4)						-
Construction	22,000	155,000			:+:	-	177,000
Equipment		*	-	(F		-	1-
Testing							
Operating Costs							
On-Going Operations		9			-	-	
Maintenance							
Personnel Costs		=					
Other (SPECIFY)	ā a	-				-	-
					-	-	
Total Expenditures	\$ 22,000	\$ 155,000	\$ -	\$ -	\$	\$	\$ 177,000
Off-Set Categories	Prior Years	FY21	FY22	FY23	FY24	FY25	TOTAL
New Revenues	\$	\$ -	\$ -	ļ\$ -	\$ -	\$ -	s -
Other (SPECIFY)			*				
		9	-	_		-	
Total Off-Sets	\$ -	\$ =	\$ -	\$ -	\$	\$	
NET COST	\$ 22,000	\$ 155,000	\$ -	\$ -	\$ -	\$	\$ 177,000
r transference	D.T V.				70.10.4		
Funding Sources	Prior Years	FYZ1	FY22	FY23	FY24	FY25	TOTAL
Stormwater Fund	\$ 22,000	\$ 155,000	\$ -	\$ -	\$ -	\$	177,000
TPA/LAP Grant						-	-
Table Complete	÷ 22.000	A 455.000				L	
Total Funding Sources	\$ 22,000					\$ -	\$ 177,000
This section must be co completed and fully ope	rational.	applicable pr	ojects. Please	e list future re	enues and ex	penses once	project is
		Net	Operational I	mpact:			
A Revenues Generated:			8	Expenses Inco	red:		
A.1- Revenue #1		B.1- Personnel		l.	B.5- Utilities:		
A 2- Revenue #2	-	B.2- Debt Servi	ce Costs:	1 =	B.6- Materials/	Supplies	
A.3- Revenue #3		B 3- Contract S	ervices:	-	B.7- Equipmen		
A.4- Revenue #4		B.4- Fixed Cos	ts:	2	B 8- Miscellane		
Revenue Totals (A.1 -to- A.4)			Expen	se Totals (B.1			\$



EF 25

(For Projects / Items Costing Over \$50,000)

DepartmentWater Treatment

Project Duration FY24

Life Expectancy 50 Priority 2

Project Title

Dual Zone Monitoring Well

Project Location

Water Treatment Plant

Project Description/Justification

This project includes installation of a new dual zone monitoring well for the concentrate deep injection well from the reverse osmosis water treatment plant. The current dual zone monitoring well is beginning to show potential water quality results of mixing between the upper and lower zones. Per DEP standard, the City is allocating money in case this problem cannot be fixed and a new monitoring well must be installed.

Relevant Graphic Details



Strategic Goals Relevance/Categorical Criteria

Health, Safety, Environment

Project's Return on Investment

Redundancy and longer life of water treatment plant

FISCAL DETAILS		2021
Account Number	Description	 Amount
422-7021-533.63-00	Improve Other than Build / Infrastructure	\$
	Total Expenditures	\$ S ≧:

This project will keep the concentrate deep injection well in compliance and minimize operating and testing costs for the previous well.

Project's Impact on Other Departments

No impact on other Departments.

Expenditures	Prior Years	FY21		FY22		FY23		FY24	FY25			TOTAL
Capital Costs	_	4	14						4			
Project Development	\$	\$	- \$	-	\$, A.	\$		\$		\$	
Design	-		-				_			-	_	
Permitting			*							-		
Land/ROW Acquisition			+-					18:	-	-		
Construction	- 34		-	-			_	1,000,000		9		1,000,000
Equipment	-		-				_	-		-		
Testing						4,51		7.70		=		
Operating Costs												
On-Going Operations			-			-				84		120
Maintenance				(9)		-				-3		- 00
Personnel Costs	24		22	12		2				- 500		140
Other (SPECIFY)	76		-					£1		= 1		-
			-			5				182		
Total Expenditures	\$	\$	- \$		\$		\$	1,000,000	\$	100	\$	1,000,000
Off-Set Categories	Prior Years	FY21		FV22		FY23		FY24	FY25			TOTAL
New Revenues	\$	\$	1.6	FYZZ	1	L173	1	FYZ4				TOTAL
	7	ې	- \$		\$		\$		\$	-	\$	
Other (Specify)	-	7	÷ 5	5	\$		\$	-	\$		Ş	
		\$			\$		\$	-	\$			
Other (Specify) Total Off-Sets	\$	\$	\$		\$		\$		\$	i de la companya de l	\$	1 000 000
Other (Specify)	\$		-					1,000,000	\$		\$	1,000,000
Other (Specify) Total Off-Sets NET COST	\$	\$	\$		\$		\$		\$	i de	\$	1,000,000 TOTAL
Other (Specify) Total Off-Sets NET COST	\$ -	\$	\$		\$		\$	1,000,000	\$	i de	\$	TOTAL
Other (Specify) Total Off-Sets NET COST unding Sources	\$ -	\$ \$ FY21	\$		\$		\$	1,000,000 FY24	\$ \$	i de	\$	TOTAL
Other (Specify) Total Off-Sets NET COST unding Sources	\$ -	\$ \$ FY21	\$		\$		\$	1,000,000 FY24	\$ \$	i de	\$	TOTAL
Other (Specify) Total Off-Sets NET COST Funding Sources Water Fund Total Funding Sources	\$ -	\$ \$ FY21 \$	- \$ - \$ - \$	FY22	\$ \$	FY23	\$ \$	1,000,000 FY24 1,000,000	\$ FY25 \$		\$ \$ \$	TOTAL 1,000,000
Other (Specify) Total Off-Sets NET COST Funding Sources Water Fund Total Funding Sources This section must be co	\$ - Prior Years \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ FY21 \$	- \$ - \$ - \$	FY22	\$ \$	FY23	\$ \$	1,000,000 FY24 1,000,000	\$ FY25 \$		\$ \$ \$	TOTAL 1,000,000
Other (Specify) Total Off-Sets NET COST Funding Sources Water Fund Total Funding Sources This section must be co	\$ - Prior Years \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ FY21 \$ applicable	- \$ - \$ - \$ projec	FY22	\$ \$ \$ Ist	FY23 future rev	\$ \$	1,000,000 FY24 1,000,000	\$ FY25 \$		\$ \$ \$	TOTAL 1,000,000
Other (Specify) Total Off-Sets NET COST Funding Sources Water Fund Total Funding Sources This section must be completed and fully ope	\$ - Prior Years \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ FY21 \$ applicable	- \$ - \$ - \$ projec	FY22 cts. Please	\$ \$ \$ selist!	FY23 future rev	\$ \$ \$ yenu	1,000,000 FY24 1,000,000	\$ FY25 \$		\$ \$ \$	TOTAL 1,000,000
Other (Specify) Total Off-Sets NET COST unding Sources Water Fund Total Funding Sources his section must be co- completed and fully ope A. Revenues Generated:	\$ - Prior Years \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ FY21 \$ applicable	- \$ - \$ - \$ project	FY22 cts. Please	\$ \$ \$ selist!	FY23 future rev	\$ \$	1,000,000 FY24 1,000,000 1,000,000 ues and ex	\$ FY25 \$		\$ \$ \$	TOTAL 1,000,000
Other (Specify) Total Off-Sets NET COST unding Sources Water Fund Total Funding Sources his section must be completed and fully ope A. Revenues Generated: A.1- Revenue #1	\$ - Prior Years \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ FY21 \$ applicable N B.1- Personn	- \$ - \$ - \$ project	FY22 cts. Please erational I	\$ \$ \$ selist!	FY23 future rev	\$ \$ \$ venue	1,000,000 FY24 1,000,000 1,000,000 des and ex	\$ FY25 \$ penses or		\$ \$ \$	TOTAL 1,000,000
Other (Specify) Total Off-Sets NET COST unding Sources Water Fund Total Funding Sources his section must be completed and fully ope A. Revenues Generated: A.1- Revenue #1 A.2- Revenue #2	\$ - Prior Years \$ - Prior Years \$ - Prior Years	\$ FY21 \$ applicable N B.1- Personn B.2- Debt Se	- \$ - \$ project	FY22 ets. Please	\$ \$ \$ selist!	FY23 future rev	\$ \$ \$ \$ venue B.5 B.6	1,000,000 FY24 1,000,000 1,000,000 aes and ex - Utilities: - Materials/9	\$ FY25 \$ penses or		\$ \$ \$	TOTAL 1,000,000
Other (Specify) Total Off-Sets NET COST Funding Sources Water Fund Total Funding Sources This section must be concompleted and fully ope A. Revenues Generated: A.1- Revenue #1 A.2- Revenue #2 A.3- Revenue #3	\$ - Prior Years \$ - Prior Years \$ - Prior Years	\$ \$ \$ \$ \$ applicable N B.1- Personn B.2- Debt Se B.3- Contrac	- \$ - \$ - \$ project let Op	FY22 ets. Please	\$ \$ \$ selist!	FY23 future rev	\$ \$ \$ \$ venue B.5 B.6 B.7	1,000,000 FY24 1,000,000 1,000,000 ies and ex - Utilities: - Materials/5	\$ FY25 \$ penses or Supplies: t:		\$ \$ \$	TOTAL 1,000,000
Other (Specify) Total Off-Sets NET COST Funding Sources Water Fund Total Funding Sources This section must be cocompleted and fully ope A. Revenues Generated: A.1- Revenue #1 A.2- Revenue #2	\$ - Prior Years \$ - Prior Years \$ - Prior Years	\$ FY21 \$ applicable N B.1- Personn B.2- Debt Se	- \$ - \$ - \$ project let Op	FY22 ets. Please	\$ \$ \$ selist!	FY23 future rev	\$ \$ \$ \$ venue B.5 B.6 B.7	1,000,000 FY24 1,000,000 1,000,000 aes and ex - Utilities: - Materials/9	\$ FY25 \$ penses or Supplies: t:		\$ \$ \$	TOTAL 1,000,000



EF 26

(For Projects / Items Costing Over \$50,000)

DepartmentWater Treatment

Project Duration FY22-23 Life Expectancy 50

Priority 3

Project Title

Well #F-4 New Construction

Relevant Graphic Details (GIS or photo inserted)

Project Location

Lake Worth Road & Louis Drive and back to the Water Treatment Plant

Project Description/Justification

The design, drilling, permitting and construction of a new Floridan Aquifer production well, to include and testing and well head equipment, and a new raw watermain to be designated Well-F-4. The new production well will be located at the Southeast Corner of Lake Worth Rd and Louis Dr. This well is currently included in the City's Consumptive Use Permit from South Florida Water Management District (SFWMD). The well construction will be a 16-inch well installed to an overall well depth to approximately 1,500-feet inside a 20-inch diameter casing installed to approximately 1,220-feet. This project also includes the design, permitting and construction of the raw watermain to serve the Well F-4, along with the wellhead equipment. Per Water & Sewer Dept - Project pushed backed from FY 2015 to FY 2022 for Design Costs, and full construction costs will be provided in FY 2023.

Strategic Goals Relevance/Categorical Criteria

If replacement wells are not constructed there may become a lack of sufficient raw water withdrawal capability to support required demand. In addition, the lack of a sufficient number of wells prohibits well rotation and resting which will shorten the life of the remaining wells.

Project's Return on Investment

Redundancy and longer life of existing Floridan wells



422-7021-533.63-00

None

Project's Impact on Other Departments

No impact on other Departments.

Expenditures	Prior Years	FY21		FY22		FY23	FY24		FY25		TOTAL
Capital Costs		1	-		_					_	
Project Development			\perp					1		_	-
Design	-		-	80,000				-			80,000
Permitting		-	_		_			1		_	
Land/ROW Acquisition							on the same	1_		-	
Construction			_			1,500,000	-	1-		1	1,500,000
Equipment	***************************************		_					1		1	
Testing											
Operating Costs											
On Coing Operations											
Maintenance											8
Personnel Costs										Ī	-
Other (SPECIFY)											- 14
											- 54
Total Expenditures	\$ =	\$ -	\$	80,000	\$	1,500,000	\$	\$	- 1	\$	1,580,000
Off-Set Categories	Prior Years	FY21		FY22		FY23	FY24		FY25		TOTAL
New Revenues											
Other (Specify)											
Total Off-Sets	\$ =	s -	\$	160	\$		\$ -	\$		\$	
	•	•	,		*		*	*		~	
NET COST	\$ -	\$ -	\$	80,000	\$	1,500,000	\$ -	\$		\$	1,580,000
Funding Sources	Prior Years	FY21		FY22		FY23	FY24		FY25		TOTAL
Water Fund		T	\neg	80,000		1.500.000	1124		1123	T	1,580,000
				30,000		1,500,000		+-		\vdash	1,360,000
											-
Total Funding Sources	\$ -	7	Ś	80,000		1,500,000		\$	320	\$	1,580,000
This section must be	completed for						evenues and	d exp	enses on	ce p	roject is
	-11-1			and fully o	-						
	т	N	et Op	erational l							
A. Revenues Generated;	-			B, I	EXP	enses Incur				+-	
A 1- Revenue #1		B.1- Personn	_		_		B.5- Utilities:				
A 2- Revenue #2		B 2- Debt Sei	rvice C		-		B.6- Materials	and the second	lies:		-
A.3- Revenue #3	1	ID C C					B.7- Equipme	nt:		1	
	121	B.3- Contract		ces:	_					-	
A.4- Revenue #4 Revenue Totals		B.4- Fixed Co		ces:			B.8- Miscellar				

Capital Improvement Program (CIP)

Project Request Form

(For Projects / Items Costing Over \$50,000)

Department Water Treatment **Project Duration** FY23

Life Expectancy 30

Priority 3

EF 27

Project Title

Washwater Recovery Basin

áke Worth

Project Location

Water Treatment Plant

Project Description/Justification

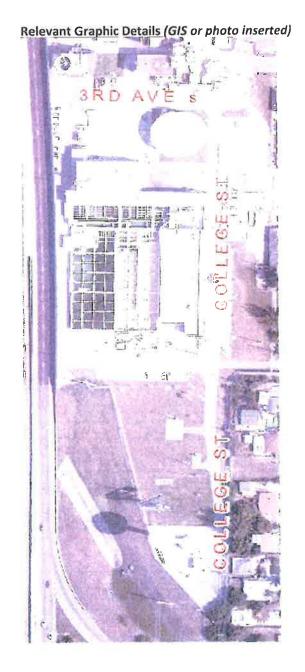
This project will include the construction of a new 300,000 gallon Washwater Recovery Basin at the Water Treatment Plant, along with transfer piping to the new basin and transfer piping from the new basin to the Flash Mixer. A new washwater pump station would also need to be constructed as part of this project. The lime softening portion of the water plant includes six filter basins where the treated water is filtered prior to chlorination and distribution. These filters need to be backwashed two times per week, with finished water from the North Clearwell. After the filters have been backwashed, the water is discharged to the Lime Sludge Settling Basin, and is then pumped down the Deep Injection Well. The plant uses approximately 400,000 gallons of backwash water each week, or about 20 million gallons per year. This is similar to the yearly raw water supply from one production well.

Strategic Goals Relevance/Categorical Criteria

Recycle water in the treatment process, extend life of water plants

Project's Return on Investment

This project would conserve 20 million gallons per year by rerouting it to a newly constructed washwater recovery basin, and then sending the water to the beginning of the Lime Softening process at the Flash Mixer. It will also save on the operating costs of pumping the backwash water down the deep well.



FISCAL DETAILS

Project's Impact on Other Departments

No impact on other Departments.

Expenditures	Prior Years	FY21	F22			FY23	FY2	4	F'	Y25		TOTAL
Capital Costs			F	-					1			
Project Development Design	5,000		-	-								5,000
Permitting	3,000		_								-	5,000
Land/ROW Acquisition			-	_				1.44	-	-		
Construction			-	-	-	1,200,000			-		-	1,200,000
Equipment			-			1,200,000						1,200,000
Testing			+						 		_	
resemb												
Operating Costs												
On-Going Operations									1			
Maintenance												
Personnel Costs											1	*
Other (SPECIFY)												
												÷
Total Expenditures	\$ 5,000	\$ -	\$	3,	\$	1,200,000	\$	3	\$		\$	1,205,000
Off-Set Categories	Prior Years	FY21	FY2:	3		FY23	FY2	A		Y25		TOTAL
New Revenues	FIIOI Teals	T 121	F12.			F123		. = 4	T	123	ſ	TOTAL
Other (Specify)			-		-						-	
Other (Specify)	1		-		-						-	
Total Off-Sets	\$ -	\$ -	\$		\$		\$	*	\$	·	\$	
NET COST	\$ 5,000	\$:*	\$	*	\$	1,200,000	\$	*	\$		\$	1,205,000
	4100 100 100 100 100 100 100 100 100 100											
Funding Sources	Prior Years	FY21	FY2	2	-	FY23	FY:	24	1	Y25		TOTAL
Water Fund	5,000					1,200,000						1,205,000
Total Funding Sources	\$ 5,000		\$		ļ_	1,200,000	ć		\$		\$	1 205 000
This section must be										sos on		1,205,000
This section made so	completed for		eted and f				10001100	o arra	exper	1303 011	se p	roject is
			et Operation									
A. Revenues Generated:				. H.	Exp	anaes Incu	redi					
A.1- Revenue #1		B.1- Personne	 el:				B.5- Util	ities:			T	
A,2- Revenue #2	(3.5)	B,2- Debt Ser	vice Costs:				B.6- Ma	terials	/Supplie	s:		
A.3- Revenue #3		B.3- Contract	Services:				B.7- Eq.					
A.4- Revenue #4	· •	B.4- Fixed Co	sts:				B.8- Mis					
Revenue Totals (A.1 -to- A.4)			Į.	Exper	se 1	Fotals (8.1	to B.8)					· ·
						-					1	



EF 28

(For Projects / Items Costing Over \$50,000)

DepartmentWater Treatment

Project Duration
FY 22

Life Expectancy 30

Priority

3

Project Title

Water Treatment Plant roof evaluation/Redo

Project Location

Water Treatment Plant 301 College Street, Lake Worth Beach

Project Description/Justification

The lime softening water treatment plant was built in the 1950s and has had various roof replacements and patches done over the years. The current roof has poor drainage and collects water that ponds in various areas. An evaluation would provide recommendations on any structural improvments and revised slopes to shed water from the roof. The City is currently pursuing grant opportunities to assist with funding this project.

Strategic Goals Relevance/Categorical Criteria

Health, Safety, Environment

Project's Return on Investment

Redundancy and longer life of existing building

Relevant Graphic Details



FISCAL DETAILS		2021
Account Number	Description	Amount
422-7022-533.62-10	Improve Other than Build / Infrastructure	\$ 360

Total Expenditures

\$

Project's Impact on Other Departments

No impact on other Departments.

Expenditures	Prior Year	r's	FY21		FY22		FY23		FY24		FY25		T	DTAL.
Capital Costs Project Development	_	-1	\$	\$		\$		\$		\$		S		-
Design	\$		\$	3		Ş		3		Ç				
Permitting		-		\vdash		_		=				+		
Land/ROW Acquisition		-		┝				-			y.	+		
Construction				1	80,000							+		80,000
		-		╁	80,000					_		+		80,000
Equipment		-		-		_		-		-		+		
Testing		-		1		_	- 69	_		_				
Operating Costs														
On-Going Operations		>-												45
Maintenance		-			e/		-							
Personnel Costs		-										- 7		
Other (SPECIFY)		- 63	*		-							< J		7
					*		~					-		
Total Expenditures	\$	IV.	\$ -	\$	80,000	\$	9	\$	3	\$	9	\$;	80,000
Off-Set Categories	Prior Yea	rs	FY21		FY22		FY23		FY24		FY25		Т	OTAL
New Revenues	Ś		\$	Ţş		5		\$		İŝ		- 9	5	
Other (Specify)		-	7	Ť		Ť		1		Ė		-		S. S.
ociioi (opeaii))			-	Ť										
Total Off-Sets	\$		\$	\$	-	\$		\$	-	\$		- 5	>	-
NET COST	\$	2	\$ -	Ş	80,000	\$		\$		\$		=	\$	80,000
Funding Sources	Prior Yea	rc	FY21		FY22		FY23		FY24		FY25		٦	OTAL
Potential Grant	\$	- 1	\$ =	Ţ		\$	(153	S		İŝ		- 10	s	80,000
rotelitial dialit	7		7	+	00,000	Ť		Ť		Ť			,	
				+		1		+	-	t				
Total Funding Sources	\$	_	Š .	5	80,000	1 0		\$	-	\$		- 1	Ś	80,000
This section must be co														
completed and fully ope		411	аррисави р	. • ,									-3-	
			Ne	t C	Operational I	mp	act:							
A. Revenues Generated:							enses Incui	rre	d'					
A.1- Revenue #1			B.1 Personne	li			2.6	B	5- Utilities					
A.2- Revenue #2		-	B.2- Debt Serv	/ice	e Costs:			В	6- Materials/	Su	oplies			
A.3- Revenue #3		٦.	B 3- Contract (В	7- Equipmen	ıt:				
A.4- Revenue #4		-	B.4- Fixed Cos	sts					.0- Miscellan	_	3:			
Revenue Totals														
(A.1 -to- A.4)					Exper	159	Totals (B.1)	-to	- B.8)				\$	



EF 29

(For Projects / Items Costing Over \$50,000)

Department Water Treatment **Project Duration** FY21-FY22

Life Expectancy 50

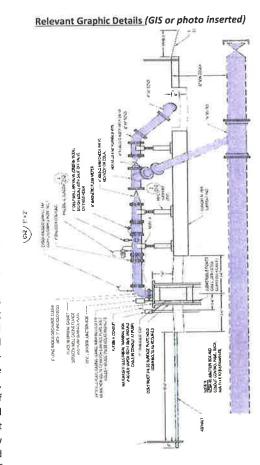
Priority

Project Title Well #18 New Construction

Project Location TBD

Project Description/Justification

The design, drilling, permitting and construction of a new surficial Aquifer production well and test well 18A, to include testing and well head equipment. The new production well location will be determined by the water quality of the test wells drilled in FY2020. This well is currently included in the City's Consumptive Use Permit from South Florida Water Management District (SFWMD). The well construction will be a 8-inch well installed to an overall well depth of approximately 250feet inside a 16-inch diameter casing installed to approximately 250-feet. The existing Surficial Wellfield contains several wells that have reduced capacity due to age and/or are east of I-95 which have been curtailed in usage by the SFWMD. A variety of events cause well capacity to reduce with age, including calcium deposits forming on the gravel pack and screen, and changes in elevation of the localized aquifer. Lake Worth's wells experience on average a 3percent decrease in production each year. While individual well production can be partially restored, over time the well production will decline, and some of the existing wells are over 50-years old and beyond their anticipated lifespan. If replacement wells are not constructed there may become a lack of sufficient raw water withdrawal capability to support required demand. In addition, the lack of a sufficient number of wells prohibits well rotation and resting which will shorten the life of the remaining wells.



Strategic Goals Relevance/Categorical Criteria

If replacement wells are not constructed there may become a lack of sufficient raw water withdrawal capability to support required demand. In addition, the lack of a sufficient number of wells prohibits well rotation and resting which will shorten the life of the remaining wells.

Project's Return on Investment

Redundancy and longer life of existing surficial wells

None

Project's Impact on Other Departments

No impact on other Departments.

Expenditures Capital Costs	Prior Years	FY21	FY22	FY23	FY24	FY25	TOTAL
Project Development							T v
Design		60,000					60,0
Permitting							
Land/ROW Acquisition							12
Construction			662,000	662,000			1,324,0
Equipment	_						
Testing							
Operating Costs							
On-Going Operations					1	1	
Maintenance							-
Personnel Costs	0-1						
Other (SPECIFY)						7.	
,							
Total Expenditures	\$:=:	\$ 60,000	\$ 662,000	\$ 662,000	\$ 143	\$ -	\$ 1,384,0
Off-Set Categories	Prior Years	FY21	FY22	FY23	FY24	FY25	TOTAL
New Revenues			ľ		1	1	I
Other (Specify)							
	-						
Total Off-Sets	\$	\$ -	\$ -	\$ -	\$ =	\$	\$
NET COST	\$	\$ 60,000	\$ 662,000	\$ 662,000	\$ -	\$	\$ 1,384,0
Funding Sources	Prior Years	FY21	FY22	FY23	FY24	FY25	TOTAL
Water Fund		60,000	662,000	662,000	-	-	1,384,0
				, , , , , , , , , , , , , , , , , , , ,			2,50 1,0
Total Funding Sources	\$	\$ 60,000	\$ 662,000	\$ 662,000	\$ -	\$ -	\$ 1,384,0
This section must be	completed for				revenues and	expenses on	ce project is
			ed and fully o				
A. Revenues Generated:	1	Net	Operational I	m pact: Expenses Incui	ipodi		T
A.1- Revenue #1		B.1- Personnel		- OPENINE HIGH	·		+
A.2- Revenue #2	<u> </u>	B 2- Debt Servi		-	B.5- Utilities:	/Supplies:	
Λ.3 Revenue #3		B.3- Contract S		-	B.6- Materials		-
A.4- Revenue #4		B.4 Fixed Cost			B.8 Miscellan		-
Revenue Totals		D 7 7 1XCG C031		no Total- 151 4		ouds.	
(A.1 -to- A.4)		1	txpen	se Totals (B.1	·to- 8.8)		-



EF 30

(For Projects / Items Costing Over \$50,000)

DepartmentWater Distribution

Project Duration FY22

Life Expectancy
30 years

Priority
1

Project Title

10th Avenue N Watermain Extension - Canal to Congress

Project Location

10th Ave North west of Keller Canal to Congress Avenue

Project Description/Justification

The City's Water Distribution System Modeling Report from 2005 identified the addition of a new 8" watermain along 10th Avenue North to provide an additional source and loop to this portion of service area as well as dramatically increasing fire hydrant flow. The new main will connect 8" main on the west side of the bridge over the L-11 Keller Canal and run along 10th Avenue north to the existing 6" main on Summer Street. Future phases of this project include replacing the 4-inch main on State Street with a 6-inch main, adding 6-inch mains on Helena, Helyn and Lynwood, and adding hydrants on Rudolph, Summer and Hi Streets. The new 12" watermain as part of the Park of Commerce Phase 1B project crossing the Keller Canal from 7th Avenue North will provide greater flow and pressure as well.

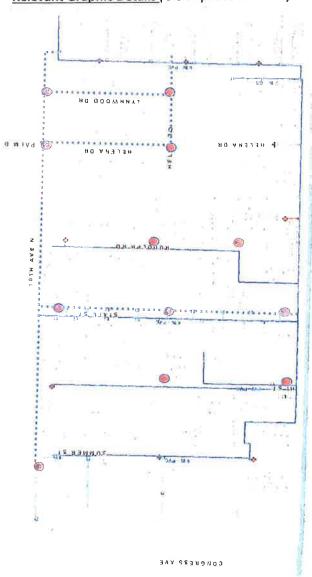
Strategic Goals Relevance/Categorical Criteria

Redundancy and life, safety and health

Project's Return on Investment

Resiliency and reliability of water system

Relevant Graphic Details (GIS or photo inserted)



FISCAL DETAILS 2021

Account Number	Description	Amount					
422-7034-533.63-60	Improve other than Build/Infrastructure	\$	蕇				
	Total Expenditures	\$					

A.3- Revenue #3

A.4- Revenue #4

Revenue Totals

(A.1 -to- A.4)

This will provide a greater water distribution system that will decrease flushing needs of stagnant water.

Project's Impact on Other Departments

None

Expenditures	Prior Years	FY21		FY22		FY23	ΕA	124		FV25			TOTAL.
Capital Costs Project Development	_	1	1								-		
Design			+	75,000							-		75,000
Permitting				75,000									73,000
Land/ROW Acquisition													*
Construction				650,000									650,000
Equipment													•
Testing							G						-
Operating Costs													
On-Going Operations													
Maintenance													
Personnel Costs													8
Other (SPECIFY)													
Total Expenditures	\$ -	\$	\$	725,000	\$	593	\$	140	\$		-	\$	725,000
Off-Set Categories	Prior Years	FY21		FY22		FY23	F	Y24		FY25			TOTAL
New Revenues													
Other (Specify)													
Total Off-Sets	\$ -	\$	\$		\$		\$		\$		•	\$	3
NET COST	\$ -	\$	- \$	725,000	\$	(*)	\$		\$		SV.	\$	725,000
Funding Sources	Prior Years	FY21		FY22		FY23	F	Y24		FY25			TOTAL
Water Fund				/25,000				(-)			-		725,000
			-						+				-
Total Funding Sources	\$ -	\$	- \$	725,000	\$	72	S	1523	\$		127	\$	725,000
This section must be	completed for						revenu	es and	ехр	enses	onc	e p	oject is
				and fully o									
A. Revenues Generated:	1	P	et Up	erational I		act: enses incu	red		-			1	
A 1- Revenue #1		B.1- Personr	iel.		T	CITOSIA ILISAN	B 5- U	tilities			_		121
A.2- Revenue #2		B 2- Debt Se		Costs:				laterials	/Suor	lies			
	-	1			-		1 70				_	-	

B.7- Equipment:

Expense Lotals (B.1 -to- 8.8)

B.8- Miscellaneous

B.3- Contract Services:

B.4- Fixed Costs:



Fuel Management System

Adopted in FY2020 \$100,000



Project Request Form
(For Projects / Items Costing Over \$50,000)

EF 32

Department

Water Treatment

Project Duration

FY 22

Life Expectancy

30

Priority

3

Project Title

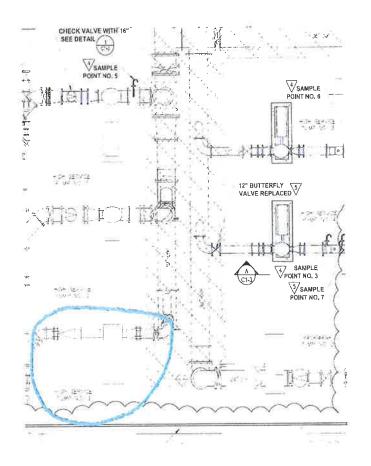
High Service Pump 5 replacement

Project Location

Water Treatment Plant 301 College Street, Lake Worth Beach

Project Description/Justification

This project is to replace the Lake Worth Water Treatment Plant High Service Pump number 5. These high service pumps transmit the product water from the Water Plant through the distribution system and to the customers. The new pump will also be installed with a Variable Frequency Drive (VFD) and the installation will include all associated electrical and instrumentation improvements.



Strategic Goals Relevance/Categorical Criteria

The existing high service pumps were installed in 1958 and are nearing the end of their useful life. The internal pump casings have severely eroded. The new pumps on VFD's would greatly increase the efficiency of the system.

Project's Return on Investment

Redundancy and longer life of pump

FISCAL DETAILS		2021
Account Number	Description	Amount
402-7022-533.63-00	Improve Other than Build / Infrastructure	\$ 250

A.4- Revenue #4

Revenue Totals (A.1 -to- A.4)

None

Project's Impact on Other Departments

No impact on other Departments,

Expenditures Capital Costs	Prior Years	FY20	FY2	21	FY22	FY23	FY24		TOTAL
Project Development	\$	\$	\$		\$	\$	- S	- \$	
Design	5,000				50,000				55,000
Permitting				- 1	16				23,000
Land/ROW Acquisition			1		2.0				
Construction					450,000				450,000
Equipment									7.10,10.11
Testing									
Operating Costs									
On-Going Operations	,							-1	
Maintenance								- 5	
Personnel Costs	-						-	-	
Other (SPECIFY)	-		1	-				-	
		l .					-	-	
Total Expenditures	\$ 5,000		\$		\$ 500,000	·	- \$	- \$	505,000
New Revenues Other (Specify)	\$	\$	\$	-	\$	\$	- \$	\$	
Total Off-Sets	Ś	\$	\$		Ś.	ŝ	- 5		
		· 			·	8	3 ₽:	= §	
NET COST	\$ 5,000	\$ -	Ş	= 1	500,000	\$	- \$	- \$	505,000
Funding Sources	Prior Years	FV20	FY2	1	FY22	FY23	FY24		TOTAL
402-7022-533-62-10	\$ 5,000	\$	\$	-	\$ 500,000	\$	- \$	- \$	505,000
				-					303,000
	-	5-			52				
Total Funding Sources	\$ 5,000			- 9	500,000	\$	- Ś	- 5	505,000
This section must be concompleted and fully open	mpleted for all rational.				ist future rev	enues and e	expenses or	nce pro	ject is
	·	Net	t Operatio	onal Im	pact:				
A. Revenues Generated:				B. Ex	penses incur	red			
A 1- Revenue #1	-	R 1- Personnel				R 5- Utilities			
A.2- Revenue #2		B.2- Debt Serv	ice Costs:		-	B,6- Materials	/Supplies		146
A 3- Revenue #3		B 3- Contract S				B 7- Equipme			
A 4- Revenue #4	1	D 1 Fixed Cas	A						

B.8- Miscellaneous:

\$

Expense Totals (B.1 -to- B.8)

- B 4- Fixed Costs



EF 33

(For Projects / Items Costing Over \$50,000)

DepartmentWater Treatment

Project Duration FY23-24

Life Expectancy 50 Priority 3

Project Title

Well #F-5 New Construction

Project Location

Lake Osborne Drive near Sunset Drive

Project Description/Justification

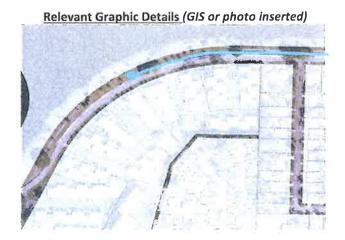
The design, drilling, permitting and construction of a new Floridan Aquifer production well, to include and testing and well head equipment, and a new raw watermain to be designated Well-F-5. The new production well will be located along Lake Osborne Drive between the Sunset Drive streets. This well is currently included in the City's Consumptive Use Permit from South Florida Water Management District (SFWMD). The well construction will be a 16-inch well installed to an overall well depth to approximately 1,500-feet inside a 20-inch diameter casing installed to approximately 1,220-feet. This project also includes the design, permitting and construction of the raw watermain to serve the Well F-5, along with the wellhead equipment. Per Water & Sewer Dept - Project pushed backed from FY 2015 to FY 2023 for Design Costs, and full construction costs will be provided in FY 2024.

Strategic Goals Relevance/Categorical Criteria

If replacement wells are not constructed there may become a lack of sufficient raw water withdrawal capability to support required demand. In addition, the lack of a sufficient number of wells prohibits well rotation and resting which will shorten the life of the remaining wells.

Project's Return on Investment

Redundancy and longer life of existing Floridan wells



None

Project's Impact on Other Departments

No impact on other Departments.

Expenditures	Prior Yea	ars	FY21		FV22			FY23		FY24		FY25			TOTAL
Capital Costs		I				-		1			_				
Project Development						-	_	00,000					-		80.000
Design		-		-		-		80,000	-						80,000
Permitting		-		-		_			-				-	-	
Land/ROW Acquisition Construction					71111		-			1,500,000			-	_	1,500,000
		\dashv		-		-				1,300,000			-		1,000,000
Equipment Testing		-		-			_								
resung		_													
Operating Costs															
On-Going Operations															
Maintenance)e
Personnel Costs															
Other (SPECIFY)															
															5
Total Expenditures	\$	*	\$	> \$			\$	80,000	\$	1,500,000	\$		*	\$	1,580,000
OH Sut Catagories	Prior Ye	350	FY21		FY22			FY23		FY24		FY25			TOTAL
Off-Set Categories New Revenues	Priorre	415	L121		FYZZ			FYZ3	_	F1Z-9		1123		1	TOTAL
				-		-	-		-						
Other (Specify)	_	-		-		-			-				-	-	
Total Off-Sets	\$	-	\$	= \$		÷	\$		\$	9	\$:=?	\$	
NET COST	\$	2	\$	- \$		(P.)	\$	80,000	\$	1,500,000	\$			\$	1,580,000
Funding Sources	Prior Ye	ars	FY21		FY22		_	FY23	ī	FY24	_	FY25		T	TOTAL
Water Fund				8		-	_	80,000	-	1,500,000	-		4	H	1,580,00
							-		-		-				
Fotal Funding Sources	Ś	_	Ś	- Ś		-	\$	80,000	ļ .	1,500,000	Ś			\$	1,580,000
This section must be		for	-								_	enses	one		
7770 000000 17720 1800					and fu										
				Net O	peratio	nali	mpa	ct:							
A. Revenues Generated:						ద	Expe	inses Incui	ned.					<u></u>	
A.1- Revenue #1		-	B 1- Person	nnel:				120	B.5	- Utilities:			- V-V-		
A.2- Revenue #2		+)	B 2- Debt S	Service	Costs				B 6	- Materials/	Supp	olies:			3
A.3- Revenue #3		8	B.3- Contra	act Sen	vices:			1965	B.7	- Equipmen	t:				-
A.4- Revenue #4		2	B.4- Fixed	Costs:				- 3	В.8	- Miscellane	ous				- 3
Revenue Totals (A.1 -to- A.4)					E	xper	ise T	otals (B.1	-to-	B.8)					
F. 11 . 10 . 1 . 1			4			-		``							



EF 34

(For Projects / Items Costing Over \$50,000)

DepartmentWater Treatment

Project Duration FY22

Life Expectancy 60

Priority 2

Project Title

East Clearwell Roof Coating

Project Location

Water Treatment Plant

Project Description/Justification

This project will provide important structural upgrades to the deteriorating concrete roof of the East Clearwell. During the recent concrete repair project inside the East Clearwell, staff discovered rain infiltration coming through the roof in several areas. The East Clearwell was repaired on the underside of the roof from the inside to prevent the continued rusting of the exposed chairs (rebar). Staff determined the roof should be recoated to seal any continued rain from entering the clearwell. The City is pursueing grant funding to pay for this project.



Strategic Goals Relevance/Categorical Criteria

Health, Safety, Environment

Project's Return on Investment

Redundancy and longer life of water treatment plant

FISCAL DETAILS	Account Description	2021
422-7022-533.63-00	Improve other than Build	
	1	

This project will reduce infiltration of rainwater into the east clearwell and prolong the life of the roof and structure.

Project's Impact on Other Departments

No impact on other Departments.

Expenditures	Prio	Years	FY21	L		FY22		FY23		FY24			FY25		-	TOTAL
Capital Costs Project Development							_									
Design		30,000							+		-					30,000
Permitting		30,000							+		-	_		-		30,000
Land/ROW Acquisition									+		-		_			
Construction						425,000	-		+		-	-				425,000
Equipment						423,000			+		-					723,000
Testing					-				+							
1 63 611/6									_							
Operating Costs					,											
On-Going Operations																
Maintenance																
Personnel Costs														- 3		
Other (SPECIFY)																9
																183
Total Expenditures	\$	30,000	\$	•	\$	425,000	\$		\$		*	\$		*	\$	455,000
Off-Set Categories	Prio	r Years	FY2:	1		Γ Υ 22		ΓY23		FY24			FY25			TOTAL
New Revenues																
Other (Specify)																21
1 1 1/		-							1							
Total Off-Sets	\$	8	\$	*:	\$)(#)	\$		- \$		œ	\$		÷	Ş	8
NET COST	\$	30,000	\$	-	\$	425,000	\$		Ş		-	Ş		-	\$	455,000
Eurolina Fourses	Dele	. V	EVA	4		EV22		EVAA		EVA			EVAE			TOTAL
Funding Sources Potential Grant?	Prio	r Years	FY2	1	T	FY22 425,000	1	FY23		FY24	-		FY25	_	T	TOTAL 425,000
rotelitial dialit:				-		425,000			+	-					1	423,000
					-		-		+			1				
Total Funding Sources	\$	-	\$	-	\$	425,000	Ś		- 5		14.5	\$			\$	425,000
This section must be		eted for		able				list futur			nd	_	enses	one		
11110 00011011111101101	00111011	71001101				and fully o										
				Net	Op	erational I	mpa	ict:								
A. Revenues Generated:						8.	Espe	anses Im	111119	d.						
A.1- Revenue #1		-	B.1- Pers	sonnel	:		T	-	E	5- Utilitie:	s:					
A.2- Revenue #2		=	B 2- Deb	t Serv	ice (Costs:			E	6- Materi	als/	Supp	lies			8
A.3- Revenue #3		- 6	B.3- Contract Services: - B.7- Equipment:													
A.4- Revenue #4			B.4- Fixe	d Cos	ts:			2	E	8- Miscel	lane	eous:				
Revenue Totals (A.1 -to- A.4)																



EF 35

(For Projects / Items Costing Over \$50,000)

Department

Water Distribution

Project Duration FY19-21 Life Expectancy 50

Priority 1

Project Title

Floral Park/10th Ave N WM Expansion

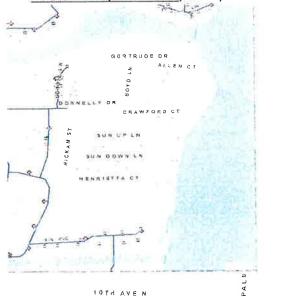
Project Location

Floral Park and 10th Avenue North

Project Description/Justification

The following areas, over 150 parcels, were identified within the City's water service area as not being served by City water, rather they are all on individual wells, which is of concern based on their proximity to Lake Osborne, as well as many of the properties being close to their septic tanks. The City desires to provide City water service to the following areas; Floral Park 1 (east of Hickman Street to Lake Osborne), and 10th Avenue North (along and south of 10th Avenue North to L-11 canal, east of Rudolph Road to Lynwood Drive). The department intends to apply for grants to fund and complete this work or complete it via assessment.

Relevant Graphic Details (GIS or photo inserted)



Strategic Goals Relevance/Categorical Criteria

Health, Safety, Environment

Project's Return on Investment

Providing water service to these customers will bring revenue into the City as paying water customers

FISCAL DETAILS

Description

2021

This project will not have any major operating cost impacts.

Project's Impact on Other Departments

This project is not expected to impact other departments.

Expenditures Capital Costs	Prior Years	FY21	FY22	FY2.3	FY24	FY25		TOTAL
Project Development								
Design			175,000	560,000				735,000
Permitting								
Land/ROW Acquisition								
Construction				1,700,000	3,750,000			5,450,000
Equipment								
Testing						1		*
Operating Costs								
On-Going Operations		0						*
Maintenance		V						
Personnel Costs								
Other (SPECIFY)								
Total Expenditures	\$	\$	\$ 175,000	\$ 2,260,000	\$ 3,750,000		\$	6 197 000
	T 200	7	γ 1/3,000	3 2,200,000	3 3,730,000	· -	Ş	5,185,000
Off-Set Categories	Prior Years	FY21	FY22	FY23	FY24	FY25		TOTAL
New Revenues				6,000	8,500	8,500		23,000
Other (SPECIFY)					1			*
								8
Total Off-Sets	\$	\$	\$ =	\$ 6,000	\$ 8,500	\$ 8,500	\$	23,000
NET COST	\$ -	\$ -	\$ 175,000	\$ 2,254,000	\$ 3,741,500	\$ (8,500)	\$	6,162,000
Funding Sources	Prior Years	FY21	FY22	FY23	FY24	FY25		TOTAL
Water Fund		-	175,000	200,000			1	
Grant/Outside Loan?			,		2,000,000			
Total Funding Sources	\$	\$	\$ 175,000					
This section must be	completed for	all applicable	projects. Plea ted and fully o	ise list future	revenues and	l expenses on	ce p	roject is
			t Operational I					
A. Revenues Generated:		110		Бхоживая Ілец	rred		1	
A 1- Revenue #1	_	B.1- Personne			B.5- Utilities		H	
A.2- Revenue #2		B.2- Debt Serv			B.6- Materials	/Supplies:	T	
A.3- Revenue #3	-	B.3- Contract S	Services.	1	B.7- Equipme		T	
A.4- Revenue #4		B.4- Fixed Cos	sts:		B.8- Miscellan		1	
Revenue Lotals (A.1 to A.4)			Eroon	se Totals (B.1	-to- R 81		T	



(For Projects / Items Costing Over \$50,000)

EF 36

Department

Water Distribution

Project Duration

FY22

Life Expectancy 50

Priority

1

Project Title

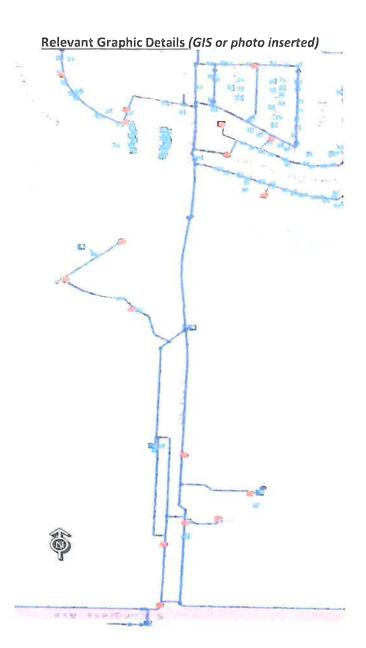
PBC 6th Ave S Bridge WM Utility Adjustments

Project Location

6th Ave S from Grove Street to Congress Avenue

Project Description/Justification

Palm Beach County Roadway is designing plans to replace the existing bridge over Lake Osborne on 6th Avenue South from the east side of the bridge all the way to Congress Avenue. The City owns several utilities within this corridor that are found to be in conflict with some of the new bridge and road design and therefore must be relocated. The City bears all relocation costs of its own facilities in this Palm Beach County Right of Way.



Strategic Goals Relevance/Categorical Criteria

Regulatory & Compliance

Project's Return on Investment

Resiliency and reliability of water distribution system

F	IS	C	٩L	D	E	T	A	II	LS

- 2	0	3	4
	u	_	T

Account Number	Description		Amount
422-7034-533.63-60	Improve other than Build/Infrastructure	\$	
	Total Expenditures	Ś	-

This will provide a more resilient watermain with less operating and maintenance required and be clear of the new bridge over Lake Osborne.

Project's Impact on Other Departments

None

Expenditures	Prio	r Years		FY21		FY22		FY23		FY24		FY25		TOTAL
Capital Costs														
Project Development														
Design		21,231												21,231
Permitting														-
Land/ROW Acquisition														
Construction						250000								250,000
Equipment														
Testing														(8)
Operating Costs														
On Going Operations									1				1	20
Maintenance									1					
Personnel Costs									1					
Other (SPECIFY)									1					
, ,														
Total Expenditures	\$	21,231	\$	£	\$	250,000	\$		\$		\$	-	\$	271,231
Off-Set Categories	Dele	r Years		FY21		F166		FV23		FY24		FY25		TOTAL
New Revenues		7 7 2 0 1 3		116-2) 1 t= c+		1 4 5 5	T		T		T	101111
Other (Specify)	-		-						+		-		1	
Other (Specify)					-				+		1		1	
Total Off-Sets	\$	-	\$	2	\$	T#R	\$		\$	80	\$		\$	
NET COST	\$	21,231	\$		\$	250,000	\$		\$		\$	-	\$	271,231
1021 3331	-		÷		-		-		-		-			
Funding Sources	Pric	r Years		FY21		FY22		FY23		FY24		FY25		TOTAL
Water Fund		21,231		+		250,000				345		14		271,231
			_						+		-		-	
Table Funding Course	ė	24 224	Ļ		_	350.000	Ļ		\$		\$		\$	271,231
Total Funding Sources	\$	21,231	>	-	\$	250,000	>		Ş		>		· 5	4/1,431

This section must be completed for all applicable projects. Please list future revenues and expenses once project is completed and fully operational.

Net Operational Impact:

		Net Operational Im	pact:		
A. Revenues Generated:		P. Fa			
A.1- Revenue #1		B.1- Personnel:	30	B.5- Utilities:	30
A.2- Revenue #2	-	B.2- Debt Service Costs	141	B.6- Materials/Supplies:	141
A.3- Revenue #3		B.3- Contract Services	37/	B.7- Equipment:	3
A.4- Revenue #4		B.4- Fixed Costs	.=:	B.8- Miscellaneous:	
Revenue Totals (A.1 -to- A.4)	\$	Expense	e Totals (B. t	-to- B.8)	-



EF 37

(For Projects / Items Costing Over \$50,000)

DepartmentWater Distribution

Project Duration FY22

Life Expectancy 30

Priority

Project Title

Lake Bass Canal Aerial WM Relocation

Project Location

Lake Osborne Drive at Lake Bass Canal

Project Description/Justification

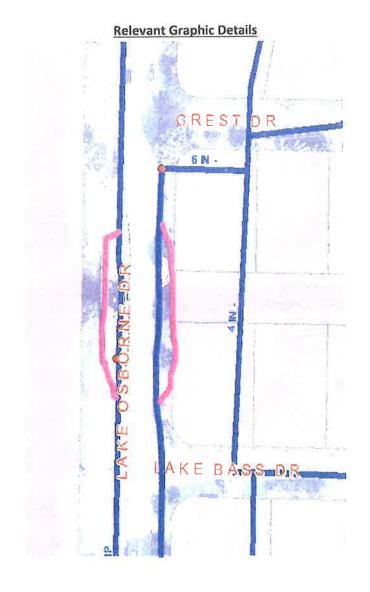
Palm Beach County is currently designing bridge replacement at the Lake Bass Canal crossing Lake Osborne Drive. The City currently has two aerial watermain crossing that run parallel on the east and west of this bridge. Per the proposed design plans, the City will need to relocate these utilities to accommodate the new bridge and pedestrian crossing. The water portion of work includes either a new aerial watermain crossing, possibly connected to the new bridge, or a new subaqueous watermain crossing.

Strategic Goals Relevance/Categorical Criteria

Regulatory & Compliance

Project's Return on Investment

A new watermain will be built to today's standards and will be out of the way of the new bridge and pedestrian crossing.



FISCAL DETAILS	Description	2021	
422-7034-533.63-60	Improve Other than Build/Infrastructure	\$	
	Total Expenditures	\$	

This project is not expected to have any major impacts to operating costs.

Project's Impact on Other Departments

This project includes work for the Sewer Department and is a collaborative effort.

Екреnditures Capital Costs	Prior Years	FY21		FY22	FY23	}	FY2	4	FY	/25		TATOT
Project Development	5	- \$	- \$		\$	-	\$		\$	-	\$	(e
Design		-		50		-		261				
Permitting	9	-	*			16		-		-		
Land/ROW Acquisition		-				-		- 6				54
Construction		-1	× 1	450,000				-		540		450,000
Equipment		-				-		- 40				
Testing			-					4.		240		14
Operating Costs												
On-Going Operations		- 1	2	2	_ 2575			(2)				
Maintenance			-	5		1.0				15		
Personnel Costs			-			7.00		196		1-0		
Other (SPECIFY)	=====	- 1	-			le:				F-1		
		- 1	-	5		E		550				
Total Expenditures	\$	- \$	\$	450,000	\$		\$:23	\$		\$	450,000
Off-Set Categories	Prior Years	FY21		FY22	FY23	3	FY2	4	F	Y25		TOTAL
New Revenues	\$	- \$	- \$		\$	- 40	\$		\$	P	\$	
Other (SPECIFY)		-	12					16				
Total Off-Sets		- \$	- Ś		Ś		\$	Tab	\$	= =	\$	- ''
, otal on sets		7	- 4		Y		Ą		P		Ą	
NET COST	\$	- \$	- \$	450,000	\$	-	\$	24	\$	-	\$	450,000
Funding Sources	Prior Years	FY21		FY22	FY23	3	FY2	4	F'	Y25		TOTAL
Water Fund	\$	- \$	- \$	450,000	\$	-	\$	-	\$	-	\$	450,000
										E		1
		4	-			2						
Total Funding Sources	\$	- \$	= \$	450,000	\$	2	\$	45	\$	-	\$	450,000
This section must be co	ompleted for a	II applicable	projec	ts. Please	list futu	re re	enues a	nd ex	pense	s once	proj	ect is
completed and fully ope	arational.											
			let Op	erational li	npact:							
A. Revenues Generated:				8. 9	Exponses	lacu	r9()					
A.1- Revenue #1		B.1- Personnel				- 2	- B.5- Utilities:					1
A.2- Revenue #2		B.2- Debt Se	B 2- Debt Service Costs			B 6- Materials/Supplies:						-
A.3- Revenue #3		- B.3- Contrac	B.3- Contract Services:			- 8	- B.7- Equipment:					
		B 4- Fixed Costs:					- B 8- Miscellaneous:					
A 4- Revenue #4		B 4- Fixed C	osts:			5	B.8- Mis	cellane	eous:			



EF 38

(For Projects / Items Costing Over \$50,000)

Department

Project Duration

Life Expectancy

Priority

Water Distribution

FY24

50

1

Project Title

S East Coast St watermain extension loop

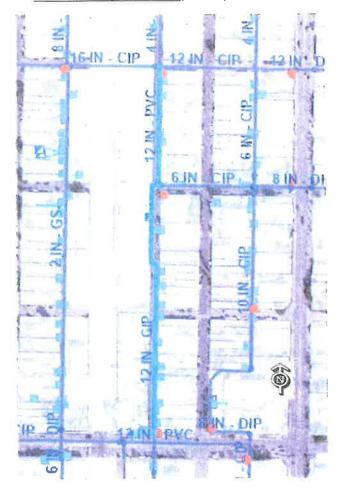
Project Location

S East Coast Ave from 3rd to 6th Ave S

Project Description/Justification

The Public Works department is acquiring funding from the Palm Beach TPA to do a project on S East Coast Street, among other streets, and the Water Utility Department identified a section of watermain that could be installed to provide a loop and remove dead ends to provide greater pressure, flow and service to the properties in the area in conjunctino with this project. The addition would be a 12-inch watermain from 3rd Ave S to 6th Ave South.

Relevant Graphic Details (GIS or photo inserted)



Strategic Goals Relevance/Categorical Criteria

Regulatory & Compliance

Project's Return on Investment

Resiliency and reliability of water distribution system

FISCAL DETAILS			2021				
Account Number	Description	Amount					
422-7034-533.63-15	Improve other than Build/Infrastructure	\$	528				
	Total Expenditures	\$	-				

Project's Impact on Other Departments

This project will be done in conjunction with the Public Works department project.

Expenditures Capital Costs	Prior Years	FY21	7- \	/22		FY23		FY24		FV25			TOTAL
Project Development			T					1					
Design							-	50,000					50,000
Permitting													
Land/ROW Acquisition													7.7
Construction								450,000					450,000
Equipment													
Testing													
Operating Costs													
On Going Operations													- 285
Maintenance													14
Personnel Costs													
Other (SPECIFY)													
													2
Total Expenditures	\$	\$	\$	*	\$		\$	500,000	\$		3	\$	500,000
Off-Set Categories	Prior Years	FY21	E.	722		FY23		1424		FY25			TOTAL
New Revenues													
Other (Specify)													
Total Off-Sets	\$	\$ -	\$		\$	Ya	\$	20	\$			\$	-
NET COST	\$	\$ -	\$		\$	15	\$	500,000	\$			\$	500,000
			-										
Funding Sources	Prior Years	FY21	F'	Y22	_	FY23	_	FY24	1	FY25		_	TOTAL
Water Fund		-	-	27		121	-	500,000	_				500,000
			-		_		_		_			_	
Takal Familia - Canada	À	,			<u> </u>		1		Ļ			_	
Total Funding Sources	\$	\$	\$	9	\$		\$	500,000	\$		-	\$	500,000
This section must be	completed for						reve	nues and	ехр	enses	one	ce p	roject is
	die	comple			_				_				
	Ţ	Ne	t Opera	itional l		111100						_	
A. Revenues Generated:	1	101.0		52	-KIM	as as Indu	-					+-	
A.1- Revenue #1		B.1- Personne B.2- Debt Serv		40:	-	<u></u>	_	- Utilities	2.	- I!			
A.2- Revenue #2						121	1	- Materials/S		plies	-	-	
A.3- Revenue #3 A.4- Revenue #4		B.3- Contract		-	-		-	- Equipmen				-	
Revenue Totals (A.1 -to- A.4)		B.4- Fixed Cos	015.	Eynor	eo T	otals (8 1		- Miscellane	OUS				



EF 39

(For Projects / Items Costing Over \$50,000)

DepartmentWater Utilities

Project Duration FY17 - FY21 Life Expectancy 40 Years Priority 3

Project Title

Water Main Replacement NRP Projects

Relevant Graphic Details

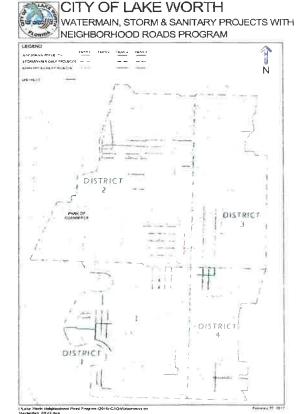
Check out http://lakeworthroads.com/master-plan to see a visual map

Project Location

City-Wide

Project Description/Justification

These projects, which place value on a vital part of the City's infrastructure, have been coordinated with the City's Public Services Department and the Neighborhood Road Program. The Departments were able to establish a construction sequence by meshing the Utilities fire protection plan and proposed sewer rehabilitation project schedule with the Public Services Stormwater Masterplan and Roadway & Sidewalk Masterplan. Watermain installations identified in the plan were prioritized based on the number of properties affected based on the following criteria: properties without sufficient fire hydrant coverage (properties at a distance greater than 300 ft from a fire hydrant) and properties without sufficient fire protection, (where minimum fireflow pressure did not meet the Palm Beach County Fire requirements).



Strategic Goals Relevance/Categorical Criteria

Healthy, Safety, Environment

Project's Return on Investment

Resilience and redundancy of the water distribution system.

FISCAL DETAILS			2021			
Account Number	Discription	Amount				
422-7034-533.63-60	Improve Other than Build / Mains	\$	167,370			
	Total Expenditures	\$	167,370			

Reduction in repair and replacement of water main breaks.

Project's Impact on Other Departments

This project includes work for the Water, Sewer, Stormwater, and Public Works Departments and is a collaborative effort.

Expenditures	Prior Years	FYZ1	FY22	FY23	FY24	FY25	TOTAL
Capital Costs					1		
Project Development							
Design	\$ 1,178,635	\$ =	\$.	\$	Ś -	Ś -	\$ 1,178,635
Permitting	- 1						
Land/ROW Acquisition		-	-				
Construction	10,607,713	167,370	-				10,775,083
Equipment				-			1.0
Testing	i			4		-	*
Expenditures	Prior Years	FY21	FY22	FY23	FY24	FY25	TOTAL
Neighborhood Road Program - Dist 1	5,233,757	103,320		>			5,337,077
Neighborhood Road Program - Dist 2	3,569,116	64,050			-	9	3,633,166
Neighborhood Road Program - Dist 3	2,014,375	-					2,014,375
Neighborhood Road Program - Dist 4	969,100					- 21	969,100
Total Expenditures	\$ 11,786,348	\$ 167,370	\$ -	\$ -	\$ -	\$	\$ 11,953,718
Operating Costs							
On-Going Operations	2				1	1	
Maintenance	1 2				-		
Personnel Costs							
Other (SPECIFY)						1	
				1		 	
Total Expenditures	\$ 11,/86,348	\$ 167,370	\$ -	\$ -		\$ -	\$ 11,953,718
Off-Set Categories	Prior Years	FY21	FY22	FY23	FY24	FY25	TOTAL
New Revenues		2					101112
Other (Specify)	4	- 2					
Total Off-Sets	\$ -	\$	\$ -	\$ -	\$	\$ -	\$
NET COST	\$ 11,786,348	\$ 167,370	\$ -	\$ -	Ś -	Ś	\$ 11,953,718

Funding Sources Water fund	Prior Years	FY20	FY21	FY22	FY23	FY24	TOTAL
water fullu	\$ 11,786,348	\$ 157,370	\$	\$	\$	S -	\$ 11,953,718
							-
Yotal Funding Courses	£ 24.705.740				1		
Total Funding Sources This section must be completed	\$ 11,786,348 :					once project is	
and fully operational.	. 70. 41. 455116421	e projecto. I	TOUGG HISE TOU	316 104011003 6	ina expenses	once project is	s completed
		Net Ope	erational Impa	ict:			
A. Revenues Generated.			13.	Ехрепада іпоч	ad:		
A.1- Revenue #1	- E	3 1- Personnel			B.5- Utilities:		
A.2- Revenue #2	- E	3.2 Debt Servi	ice Costai		B.6 Materials	/Supplies:	
A 3- Revenue #3	€ [5	3.3- Contract S	Services:		B.7- Equipmer	nt	
∆.4 Revenue #4	E	B.4 Fixed Cost	tsl		B.8- Miscellan	eous:	1



EF 40

(For Projects / Items Costing Over \$50,000)

Department

Water Treatment

Project Duration

FY 22

Life Expectancy

30

Priority 3

Project Title

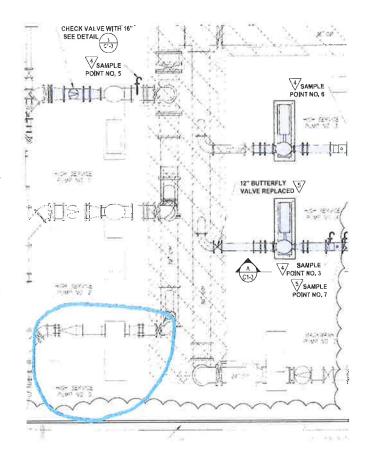
High Service Pump 5 replacement

Project Location

Water Treatment Plant 301 College Street, Lake Worth Beach

Project Description/Justification

This project is to replace the Lake Worth Water Treatment Plant High Service Pump number 5. These high service pumps transmit the product water from the Water Plant through the distribution system and to the customers. The new pump will also be installed with a Variable Frequency Drive (VFD) and the installation will include all associated electrical and instrumentation improvements.



Strategic Goals Relevance/Categorical Criteria

The existing high service pumps were installed in 1958 and are nearing the end of their useful life. The internal pump casings have severely eroded. The new pumps on VFD's would greatly increase the efficiency of the system.

Project's Return on Investment

Redundancy and longer life of pump

FISCAL DETAILS		2	2021				
Account Number	Description	Amount					
422-7022-533.63-00	Improve Other than Build / Infrastructure	\$	-				
	Total Expenditures	\$					

None

Project's Impact on Other Departments

No impact on other Departments:

A.2- Revenue #2

A.3- Revenue #3

A.4- Revenue #4

Revenue Totals

(A.1 -to- A.4)

Expenditures Capital Costs	Prior Years	FY21		FY22	FY23	FY24	FY25		TOTAL
Project Development	\$	Ś	- \$		\$	\$	\$	- \$	
Design	5,000		0	50,000	Ta Ta	a l		- 1	55,000
Permitting	-		-	A1				A	
Land/ROW Acquisition	-			-	-	4		-	
Construction				450,000				-	450,000
Equipment			5		-			-	
Testing				w/,					
Operating Costs									
On-Going Operations		-	-	-			-	-	
Maintenance	5	5			le le		- :	-	
Personnel Costs			-	2	1	N	20	22	a a
Other (SPECIFY)			-				- /	12.5	
				*			-	:-:	
Total Expenditures	\$ 5,000	\$	- \$	500,000	\$ -	\$ /	÷ \$	· \$	505,000
Off-Set Categories	Prior Years	FY21		FY22	FY23	FY24	FY25		TOTAL
New Revenues	\$	\$	- \$	·	\$	\$	- \$	\$	(4)
Other (Specify)			2	-			3	-	
	19		3	-				+.	
Total Off-Sets	\$	\$	Ş		\$	\$	÷ \$	÷ \$	(%)
NET COST	\$ 5,000	\$	- \$	500,000	\$	· \$	- \$	- \$	505,000
Funding Sources	Prior Years	ГҮ21		FY22	FY23	F Y2 4	FY25		TOTAL
Water Fund	\$ 5,000	s	\$	500,000	\$	5	5	\$	505.000
	-		-	-			-		
			(a)				2	-	1
Total Funding Sources	\$ 5,000	\$	- \$	500,000	\$	- \$	- \$	- \$	505,000
			proje				expenses on	ce pr	
This section must be co	mpieted for a								•
This section must be co completed and fully ope		парриосью							
				erational l					
				erational l		arod			

B.6- Materials/Supplies:

\$

- B.7- Equipment:

Expense Totals (8.1 -to- B.8)

- B.8- Wiscellaneous:

B 2- Debt Service Costs:

- B.3- Contract Services:

B 4- Fixed Costs



EF 41

(For Projects / Items Costing Over \$50,000)

Department

Water Treatment

Project Duration

FY20-22

Life Expectancy

30 years

Priority

3

Project Title

Radio Phase 2 & SCADA Upgrade

Project Location

Citywide

Project Description/Justification

The City's radios that communicate information between the base station at the Water Treatment Plant and water utility offsite facilities (wastewater lift stations, raw water wells, booster stations) are overloaded and outdated. The City is currently doing an evaluation on what the best replacement radio would be in order to continue to function and receive information 24/7 at the water plant. The City is currently under construction with phase 1 replacement of radios at the water plant, master pump station, booster stations and floridan wells. The City is pursuing grant funding to pay for the phase 2 portion of work on lift stations and surficial water wells.

Strategic Goals Relevance/Categorical Criteria

Health, Safety

Project's Return on Investment

Resiliency and reliability of remote monitoring and control system

Relevant Graphic Details



FISCAL D	ETAILS
Account	Number

|--|

Total Expenditures

None.

Project's Impact on Other Departments

This project is being done in conjunction with the regional sewer and local sewer department.

Expenditures	Prior Years	FY21			FY22		FY23		FY24		FY25			TOTAL
Capital Costs												_	T	
Project Development	\$ -	\$		\$		\$	25	\$		\$		4	\$	-
Design	. ——————————		-				- E					3		
Permitting	15		-									ुः		
Land/ROW Acquisition			_				-	_		_		5-5		
Construction			a		250,000							6		250,000
Equipment			27.4						-					
Testing			* * C						- A)			h 1		
Operating Costs														
On-Going Operations	: 6.				- 0							-		
Maintenance			-2		3							1		
Personnel Costs	2		-								11-3007	-		
Other (SPECIFY)			-		-									
			-		-		-					2		
Total Expenditures	\$ =	\$	40	\$	250,000	\$	2	\$	5	\$		l.	\$	250,000
Off-Set Categories	Prior Years	FY21			FY22		FY23		FY24		FY25			TOTAL
New Revenues	\$	\$	-	\$		Ś	-	Ś		\$		25	\$	
Other (Specify)	-									Ė				
, , , , , , , , , , , , , , , , , , , ,			-		-					-				
Total Off-Sets	\$ -	\$		\$	-	\$		ŝ	*	\$			\$	
NET COST	\$	\$		\$	250,000	\$	-	\$		\$		_	\$	250,000
1021 2031	7		_	_	230,000	<u> </u>		7	N-4	Ÿ		_		230,000
unding Sources	Prior Years	FY21			FY22	241	FY23		FY24		FY25			TOTAL
Potential Grant?	\$ -	\$	-	\$	250,000	\$	-	\$	¥	\$			\$	250,000
					= =			İ	-			2		
			-											
Fotal Funding Sources	\$.	\$		\$	250,000	\$		\$		\$		*	\$	250,000

		Net Operational Im	pact:		
A. Revenues Generated:		8. Ex			
A.1- Revenue #1	47	B.1- Personnel	-	B.5- Utilities	150
A.2- Revenue #2	- 31	B 2- Debt Service Costs		B 6- Materials/Supplies	-
A.3- Revenue #3		B.3- Contract Services:		B.7- Equipment	
A.4- Revenue #4	547	B.4- Fixed Costs	2	B 8- Miscellaneous	
Revenue Totals (A.1 -to- A.4)	8	Expense	Totals (B.1	-to- B.8)	\$



EF 43

(For Projects / Items Costing Over \$50,000)

Department

Water Distribution

Project Duration

FY22-23

Life Expectancy

50

Priority

2

Project Title

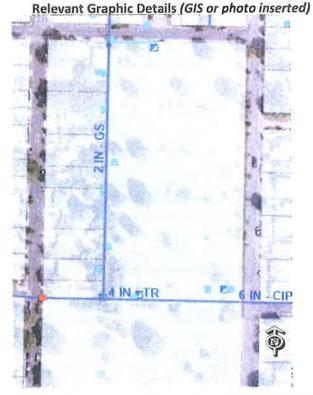
AC/Transite Watermain Replacement

Project Location

City Wide

Project Description/Justification

There are some sections of asbestos clay watermain located in the City that should be replaced with a safer, more durable material, such as PVC or ductile iron pipe. A few of these sections include areas in the Lake Worth Cemetary and along Donnelly Drive.



Strategic Goals Relevance/Categorical Criteria

Regulatory & Compliance

Project's Return on Investment

Resiliency and reliability of water distribution system



FISCAL DETAILS			2021				
Account Number	Description	Amount					
422-7034-533.63-15	Improve other than Build/Infrastructure	\$	-				
	Total Expenditures	Ś	·				

This will provide a more resilient watermain with less operating and maintenance required.

Project's Impact on Other Departments

None

Expenditures	Prior Years		FY21		FY22		FY23		FY24		FY25		TOTAL
Capital Costs		-											
Project Development Design												-	
Permitting		+				-		-					
Land/ROW Acquisition		1		1									
Construction		-			100000		100,000			<u> </u>			200,000
Equipment	-				100000		100,000						200,000
Testing	201001												- 1
Operating Costs													
On-Going Operations				T								1	
Maintenance													G.
Personnel Costs		1		1								1	(*)
Other (SPECIFY)													
Total Expenditures	\$ -	\$.5	\$	100,000	\$	100,000	\$		\$	3	\$	200,000
Off-Set Categories	Prior Years		FY21		FY22		FY23		FY24		FY25		TOTAL
New Revenues		1						i				Г	17.
Other (Specify)											===		-
, , , , , , , , , , , , , , , , , , , ,													
Total Off-Sets	\$ -	\$		\$	120	\$	-	\$	-	\$		\$	-
NET COST	\$ -	\$	5	\$	100,000	\$	100,000	\$		\$	17	\$	200,000
Funding Sources	Prior Years		FY21		FY22		FY23		FY24		FY25		TOTAL
Water Fund	- 2		-		100,000		100,000					1	200,000
Total Funding Sources	\$ -	\$	*	\$	100,000	\$	100,000	\$	-	\$		\$	200,000

This section must be completed for all applicable projects. Please list future revenues and expenses once project is completed and fully operational.

		Net Operational Im	pact:		
A. Revenues Generated:		B. Ex	penses inco	urred)	
A.1- Revenue #1		B.1- Personnel		B 5- Utilities:	=
A.2- Revenue #2	160	B 2- Debt Service Costs		B.6- Materials/Supplies.	
A.3- Revenue #3	=	B.3- Contract Services:	- 5	B.7- Equipment:	= =
A 4- Revenue #4	15	B.4- Fixed Costs:		B.8- Miscellaneous:	-
Revenue Totals (A.1 -to- A.4)		Expense	e Totals (B.1	-to- B.8)	



EF 44

(For Projects / Items Costing Over \$50,000)

Department

Project Duration

Life Expectancy

Priority

Water Treatment

FY22

20

2

Project Title

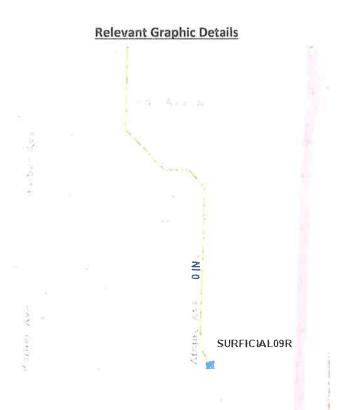
Well 9 generator & electrical upgrades

Project Location

Alpine Ave

Project Description/Justification

The Department utilitizes generators to keep the raw water well system in service when electrical power is lost. Without the generators, there is no way to pump water to the water treatment plant for treatment and distribution without power. The addition of a generator on site to well 9 will assist as this well is furthest from the water treatment plant and one less well to jump generators around to. The upgrades to the electrical system at the well will include an automatic transfer switch and other necessary upgrades of outdated electrical systems. The City is currently pursuing grant funding to pay for this project.



Strategic Goals Relevance/Categorical Criteria

Health, Safety, Environment

Project's Return on Investment

Redundancy and continual service of water

FISCAL DETAILS		20	021		
Account Number	Description	Amount			
422-7021-533.63-00	Improve Other than Build / Infrastructure	\$	-		
	Total Expenditures	\$			

Project's Impact on Other Departments

This project is being done in conjunction with the sewer department generator upgrades.

Expenditures Capital Costs	Prior Years	FΥ	21		FY22		FY23		FY24		FY25		TOTAL
Project Development	\$	\$		\$		\$		\$		\$	-	\$	225
Design													- 3
Permitting			-										
Land/ROW Acquisition			-		(+								
Construction									2		72	1	
Equipment	1				150,000				-				150,000
Testing							+		€				
Operating Costs													
On-Going Operations	-	T	-	Г			-		-			Т	
Maintenance	-	1	: 0				-				-		
Personnel Costs			- 12									\vdash	
Other (SPECIFY)										_		+	
			-									1	
Total Expenditures	\$ -	\$	- 00	\$	150,000	\$	9	\$	-	\$	2	\$	150,000
Off-Set Categories	Prior Years	FY	21		FY22		FY23		FY24		FY25		TOTAL
New Revenues	\$	\$		\$		\$	87			\$		\$	
Other (Specify)			-				-		-			T	
			3				_					T	
Total Off-Sets	\$	\$	ē. • č	\$	54	\$	-	\$	4	\$	9	\$	
NET COST	\$ -	\$		\$	150,000	\$		\$	÷	\$		\$	150,000
Funding Sources	Prior Years	FY	21		FY22		FY23		FY24		FY25		TOTAL
Potential Grant?	·	\$		5	150,000	\$	1120	İs	4	\$	11,23	Īŝ	150,000
				<u> </u>		Ť		1		7		-	130,000
	-		-			-		+				+	
Total Funding Sources	\$	5		\$	150,000	ς		S		5		Ś	150,000
This section must be co	mpleted for all												
<u> </u>			Net	Op	crational I	nø.	act:	-					
A Revenues Generated							enses livror	F-1967				T	
A.1- Revenue #1		B.1- Pe	rsonnel					-	- Utilities:			T	
A.2- Revenue #2	191	B.2- De	bt Serv	ce (Costs	Ī		1-	- Materials/S	Supr	olies:	t	-
A.3- Revenue #3	-	B.3- Co		_				1	- Equipment				- 2
A.4- Revenue #4		B 4- Fix		_			-	-	- Miscellane	_	:	1	
Revenue Totals (A.1 -to- A.4)	-				Expen	se '	Totals (B.1 -					ŝ	



EF 45

(For Projects / Items Costing Over \$50,000)

Department

Project Duration

Life Expectancy

Priority

Water Treatment

FY22

20

2

Project Title

Well generators & generator upgrades

Relevant Graphic Details

Project Location

City wide

Project Description/Justification

The Department utilitizes generators to keep the raw water well system in service when electrical power is lost. Without the generators, there is no way to pump water to the water treatment plant for treatment and distribution without power. The additional generators will assist the department to provide more power to wells and redundancy. The upgrades to existing generators include replacing the output cables to one cord, reverse service, and a power cable. Also include modificiations to the existing generators to adapt to a single 200 amps plug and receptable. The City is currently pursuing grant oppportunities to help pay for this project.



Strategic Goals Relevance/Categorical Criteria

Health, Safety, Environment

Project's Return on Investment

Redundancy and continual service of water

FISCAL DETAILS		2021			
Account Number	Description		Amount		
422-7021-533.63-00	Improve Other than Build / Infrastructure	\$			
	Total Expenditures	\$	2		

Project's Impact on Other Departments

This project is being done in conjunction with the sewer department generator upgrades.

Expenditures Capital Costs	Prior Years	FY21	F	Y22	FY23	FY24		FY25	·	TOTAL
Project Development	\$	\$ -	\$		\$	\$	\$	100	\$	- 1
Uesign			1							
Permitting				2	=					- 4
Land/ROW Acquisition	263			-			-	3		
Construction					*			5.00		
Equipment	-			50,000	=		-			50,000
Testing				-	7		-			•
Operating Costs										
On-Going Operations		-								
Maintenance				25			7	-		
Personnel Costs				7-2						
Other (SPECIFY)		-					5	-		-
				(*)			20			
Total Expenditures	\$ =	\$ -	\$	50,000	\$ -	\$	= \$	×	\$	50,000
Off-Set Categories	Prior Years	FY21	F	Y22	FY23	FY24		FY25		TOTAL
New Revenues	\$	\$	s	-1	\$		\$	(*	\$	
Other (Specify)			.						İ	
other (openly)		İ			-		1			
Total Off-Sets	\$ -	\$ -	- \$	-	\$	\$	- \$	-	\$	7.5
NET COST	\$ -	\$	- \$	50,000	\$ -	\$	\$		\$	50,000
Tuesdies Courses	Dried Veers	FV71		EV77	FYZ3	FY24		FY25		TOTAL
Funding Sources	Prior Years	FY21		FYZZ			Te	F123	Le	
Potential Grant?		\$	- \$	50,000		1	- \$		\$	50,000
		-	-				-		-	
9000		1	1	50.000	,	1	5)		Ś	CO 200
Total Funding Sources	\$ =		• \$	50,000		\$	* \$			50,000
This section must be co completed and fully ope		i applicable p	rojeca	s. Please	list tuture re	venues and	expe	11562 01166	pro	jectis
		Ne	et Oper	atlonal Ir	npact:					
A. Revenues Generated:				5.4	:xpens e s Incu	rend				
A.1- Revenue #1		B 1- Personne	el:			B.5- Utilities				
A.2- Revenue #2		B.2- Debt Ser	vice Co	sts		B.6- Materia	ls/Sup	oplies:		2
A.3- Revenue #3	-	B 3- Contract				B.7- Equipm	ent:			
A 4- Revenue #4		B 4 Fixed Co				B.8- Miscella	aneou	9"		-
Revenue Totals										



EF 46

(For Projects / Items Costing Over \$50,000)

DepartmentWater Treatment

Project Duration

Life Expectancy

Priority

FY 22

30

3

Project Title

Water Treatment Plant structural enhancements

Project Location

Water Treatment Plant 301 College Street, Lake Worth Beach

Project Description/Justification

The lime softening water treatment plant was built in the 1950s and has had various structural upgrades, enclosures, window modifications, etc. The reverse osmosis water treatment plant was built in 2011. An evaluation was completed to determine what windspeeds the buildings should withstand as built and provide recommendations on what upgrades should be made to harden the buildings for high wind speeds. Various empty concrete masonry unit cells are proposed to be filled in and supported structurally, tie down straps added to tanks and AC units, anchors and bracing on generators and other upgrades. The City is currently pursuing grant funding to help pay for this project.

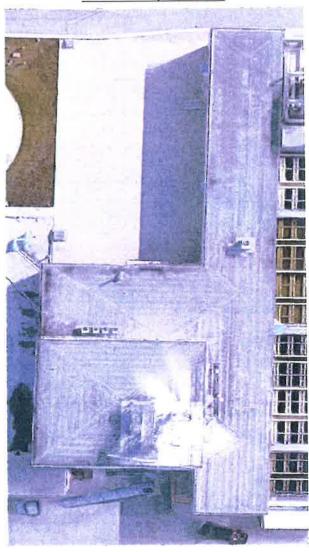
Strategic Goals Relevance/Categorical Criteria

Health, Safety, Environment

Project's Return on Investment

Redundancy and longer life of existing building

Relevant Graphic Details



FISCAL DETAILS		 2021	
Account Number	Description	Amount	
422-7022-533.62-10	Improve Other than Build / Infrastructure	\$	-

Total Expenditures

\$

None

Project's Impact on Other Departments

No impact on other Departments.

Expenditures Capital Costs	Prior Years	FY21		FY22	FY23	FY24		FY25			TOTAL
Project Development	\$	Ś	- \$		\$	ļ\$	- \$		-	\$	
Design	15,000				-		=		e i		15,000
Permitting	24.3		-			1	-		-		
Land/ROW Acquisition							-				20
Construction	541			575,000			-		-		575,000
Equipment			-1				-				-
Testing	-			-			4		14		
Operating Costs											
On-Going Operations	-				9		141		-		-
Maintenance	56								-		- 1
Personnel Costs	-						-		-		
Other (SPECIFY)	-		-	-			5.0				-
	-		-	-			-		-		- 5
Total Expenditures	\$ 15,000	\$	- \$	575,000	\$	\$	\$		3	\$	590,000
Off-Set Categories	Prior Years	FY21		FY22	FY23	FY24		FY25			TOTAL
New Revenues	Ś	\$	- \$		\$	\$	\$			\$	
Other (Specify)	-		-						-		
	90		-	3			Te I		+		
Total Off-Sets	\$	\$	- \$	(8	Ś	Ş	· \$		16	\$	Č e
NET COST	\$ 15,000	\$	- \$	575,000	\$	\$	- \$		•	\$	590,000
Funding Sources	Prior Years	FY21		FY22	FY23	FY24		FY25			TOTAL
Grant Potential?	\$	Ş	- \$	575,000	\$	\$	- \$			\$	575,000
			-	-					-		
			-								
Total Funding Sources	\$ -	\$	- \$	575,000	\$	- \$. \$		-	Ş	575,000
This section must be co completed and fully ope	mpleted for all	applicable	e proje			evenues and	expe	nses on	ce į	proj	
completed and rully ope	Tallottal.		Net On	erational li	mpact						
A. Revenues Generated:		1	11000		Expenses Inc.	ured:					
A.1- Revenue #1	-	B.1- Persoi	nnel:			B.5- Utilities					
A.2- Revenue #2		B.2- Debt S		Costs:		- B.6- Materia		plies:			
A 3- Revenue #3	-	B.3- Contra				- B.7- Equipm					
A.4- Revenue #4	-	B.4- Fixed				B 8- Miscell		S.	_		
Revenue Totals		-			L			-	-	_	



(For Projects / Items Costing Over \$50,000)

EF 35

Department Local Sewer Project Duration FY22

Life Expectancy
30 years

Priority 2

Project Title

Lift Station 13 Improvements

Project Location

LS #13 - 634 Latona Ave

Project Description/Justification

The lift station #13 wetwell and valve vault are located in the roadway on Latona Ave, while the electrical panel and controls are located within a City-owned lot adjacent. The electric service needs to be upgraded from single phase to three-phase with a duplex control panel with Variable Frequency Drives to operate the pumps most efficiently. A new remote telemetry unit is needed as the existing one is beyond its useful life, replacement parts are not being made and the City has updated its radios to read from these. Also, the wetwell needs to be sandblasted and coated to extend it's useful life.

Relevant Graphic Details



Strategic Goals Relevance/Categorical Criteria

Health, Safety, Environment

Project's Return on Investment

Resiliency and reliability of lift station

FISCAL DETAILS		2021
Account Number	Description	Amount
423-7221-535.63-15	Improve Other than Build / Infrastructure	\$ 186,000
	Total Expenditures	\$ 186,000

This will provide a more reliable lift station with less operating and maintenance required.

Project's Impact on Other Departments

None

Expenditures	Prio	r Years	FY21		FY22	FY23	FYZ	D Vi	FY25	TOTAL	
Capital Costs Project Development	Ś		\$	- \$		s	- \$	\$		Ś	
Design		30,000	7	7		ý.	- P				000
Permitting	-	30,000								30,0	000
Land/ROW Acquisition	_	-		-							
Construction			186,0	00						186,0	000
Equipment	-		130,0	-						100,0	000
Testing		÷							-		
Operating Costs											
On-Going Operations							1 -				-
Maintenance				-				_			150
Personnel Costs											
Other (SPECIFY)											
											-
Total Expenditures	\$	30,000	\$ 186,0	00 \$	-	\$	- \$	- \$	*	\$ 216,	,000
Off-Set Categories	Prins	Years	F V2 1		FY22	FY23	FY:	D.A.	FY25	TOTAL	1
New Revenues	\$	10015	\$	\$	1122	\$	= \$		F123	S	_
Other (Specify)	-		Υ	7		A.	- 1 3	- \$		7	-
(5)				7.50				-			_
Total Off-Sets	\$	-	\$	\$		\$	- \$	- \$		\$	- 5
NET COST	Ś	30,000	\$ 186.0	00 \$		\$	- \$	- \$		\$ 216,	,000
1121 4001			7 200,0				7			J 210,	,000
Funding Sources	Prior	Years	FY21		FY22	FY23	FY	24	FY25	TOTAL	L
Local Sewer Fund	\$	30,000	\$ 186,0	00 \$		\$	- \$	- \$	(a)	\$ 216,	,000
							4		2		=
Total Funding Sources	\$	30,000	\$ 186,0	+ 1		\$	\$	\$		\$ 216.	,000

This section must be completed for all applicable projects. Please list future revenues and expenses once project is completed and fully operational.

		Net Operational Im	pact:		
A. Revenues Generated:		8 %	penses Inci	มรา ดุ ร์	
A.1- Revenue #1	(20)	B.1- Personnel:	-	B.5- Utilities:	[7]
A.2- Revenue #2	•	B.2- Debt Service Costs:	5	B.6- Materials/Supplies	(w)
A.3- Revenue #3		B.3- Contract Services		B.7- Equipment:	-
A.4- Revenue #4	56	B.4- Fixed Costs	2	B 8- Miscellaneous:	14.
Revenue Totals (A.1 -to- A.4)	91	Expense	Totals (B. I	-to- B.8)	\$



Lift Station #19 Rehab / Replace

Adopted in FY2020 \$150,000



EF 42

(For Projects / Items Costing Over \$50,000)

DepartmentRegional Sewer

Project Duration FY 21

Life Expectancy

Priority

30

1

Project Title

PBC Lake Bass Canal Aerial Forcemain Relocation

Project Location

Lake Osborne Drive at Lake Bass Canal

Project Description/Justification

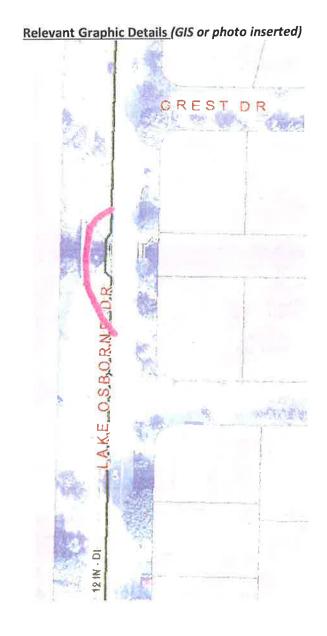
Palm Beach County is currently designing bridge replacement at the Lake Bass Canal crossing Lake Osborne Drive. The City currently has an aerial forcemain crossing that runs parallel on the west of this bridge. Per the proposed design plans, the City will need to relocate these utilities to accommodate the new bridge and pedestrian crossing. The sewer portion of work includes either a new aerial forcemain crossing, possibly connected to the new bridge, or a new subaqueous forcemain crossing.

Strategic Goals Relevance/Categorical Criteria

Regulatory & Compliance

Project's Return on Investment

A new forcemain will be built to today's standards and will be out of the way of the new bridge and pedestrian crossing.



FISCAL DETAILS 406-7490-535.63-15	Discription	2021	
406-7490-535.63-15	Infrastructure	\$	**
	Total Expenditures	Ś	a :

None.

Project's Impact on Other Departments

This project will be coordinated with a watermain replacment as well,

Expenditures	Prior Years	FY21	FY22	FY23	FY24	FY25		TOTAL
Capital Costs Project Development		1	T		T	1	T	
Design			F0.000		ļ	-	-	50.000
Permitting			50,000			1	-	50,000
Land/ROW Acquisition			-				+	
Construction			300,000				+	300,000
Equipment			300,000				+	300,000
Testing							+	
. 236			1	1	12			
Operating Costs								
On-Going Operations								-
Maintenance								
Personnel Costs								*
Other (SPECIFY)								
Total Expenditures	\$	\$ 34	\$ 350,000	\$:=:	\$ =	\$ -	\$	350,000
Off-Set Categories	Prior Years	FY21	FY22	FY23	FY24	FY25		TOTAL
New Revenues								
Other (Specify)					1			
			ļ	1		L	1_	
Total Off-Sets	\$ 180	\$ =	\$	\$ =	\$ **	\$	\$	*
NET COST	\$ (-)	\$ -	\$ 350,000	\$ -	\$	\$ =	\$	350,000
Funding Sources	Prior Years	FY21	FY22	FY233	FY24	FY25		TOTAL
Regional Sewer Fund	1110. 10010	110.0	350,000	11255	1,124	1123	T	350,000
110510110102110111			330,000				-	330,000
							+	12
Total Funding Sources	\$	\$ 4	\$ 350,000	\$ -	\$ -	\$ -	\$	350,000
This section must be	completed fo	r all applicabl	e projects. Plea	ase list future	revenues and	d expenses or	nce p	roject is
			eted and fully					
		N.	et Operational I					
A. Revenues Generated:			8.0	Expenses incu	ned			
A.1- Revenue #1	-	B 1- Personne			B 5- Utilities			*
A.2- Revenue #2	-	B 2- Debt Serv	rice Costs:		B.6- Materials			
A.3- Revenue #3		B.3- Contract S	Services:		B.7- Equipme			<u> </u>
A.4- Revenue #4	-	B.4- Fixed Cos	sts:	-	B.8- Miscellan	eous		
Revenue Totals	-		Evene	se Totals (B.1	to 8.8)			-
(A.1 -to- A.4)			Expen	ac Tutala (D. I	-to- b.o)			



EH 43

(For Projects / Items Costing Over \$50,000)

DepartmentSewer Utilities

Project Duration FY 21

Life Expectancy 20 years Priority 2

Project Title

Global Manhole Lining

Project Location

City-wide

Project Description/Justification

Manholes are designed as an access point for wastewater mains and can also be a source of infiltration and inflow (I & I). Surface water can enter through manhole covers that are subject to ponding/flooding or in sag conditions. Rehabilitation of sanitary sewer manholes to like-new condition will reduce infiltration, restore structural integrity, and decrease treatment expense by decreasing flow sent to the treatment plant. The extra volume of water that should be flowing into the storm sewer system rather than the sanitary sewer system can overload the sewage collection system pipes causing backups or spills of raw sewage. By implementing a proper I & I program the City can both decrease operating expenses associated with sanitary sewer pumping and provide extra capacity within the City's existing system without expansion.

Strategic Goals Relevance/Categorical Criteria

Increase in structural integrity and decrease in flow to be collected and treated.

Project's Return on Investment

Lower flows to be pumped by wastewater system resulting in lower costs



FISCAL DETAILS

423-7231-535 63-15 Improvement other than Buildings \$ 150,000

This project will decrease the emergency calls for collapsed manholes needing significant repairs

Project's Impact on Other Departments

No impact on other Departments.

Expenditures	Pri	or Years	F	Y21		FY22		FY23		FY24		FY25		TOTAL
Capital Costs Project Development	_		1		1									
Design			-											
Permitting													_	
Land/RÓW Acquisition											-			
Construction		150,000		150,000		150,000		150,000		150,000		150,000	_	900,000
Equipment	-								-					2
Testing														- 2
Operating Costs														
On-Going Operations														
Maintenance														
Personnel Costs														-
Other (SPECIFY)														-
Total Expenditures	\$	150,000	\$	150,000	\$	150,000	\$	150,000	\$	150,000	\$	150,000	\$	900,000
Off-Set Categories	Pri	or Years	F	Y21		FY22		FY23		FY24		FY25		TOTAL
New Revenues														-
Other (Specify)														
											ic II			
Total Off-Sets	\$	N#3	\$	3 . €1	\$		\$	9	\$	94	\$		\$	
NET COST	\$	150,000	\$	150,000	\$	150,000	\$	150,000	\$	150,000	\$	150,000	\$	900,000
Funding Sources	Pric	or Years	F	YZ1		FY22		FY23		FY24		FY25		TOTAL
Sewer Fund		150,000		150,000		150,000		150,000		150,000		150,000		900,000
														3,302,000
	-													(6)
Total Funding Sources	\$	150,000		150,000		150,000		150,000		150,000		150,000		900,000
This section must be	comp	leted for							eve	nues and	ехр	enses onc	e p	roject is
						and fully o								
			,	Net	Op	erational I	_							
A. Revenues Generated:	-					Bo)	Expe	enses Incur	rad:					
A 1- Revenue #1	-	-	_	Personnel	_				B.5	- Utilities				
A 2- Revenue #2	-			Debt Servi	_					- Materials/S		olies:		
A.3- Revenue #3	-		1	Contract S		ces:			1	- Equipmen				
A.4- Revenue #4 Revenue Totals	-		B.4- F	ixed Cost	ts:				B.8	 Miscellane 	ous			
(A.1 -to- A.4)	1													



EF 44

(For Projects / Items Costing Over \$50,000)

Department Sewer Utilities Project Duration FY 21 Life Expectancy
50 years

Priority 2

Project Title

Sewer Collection Main Rehab

Project Location

Citywide

Project Description/Justification

The City's sewer collection system consists of various pipe types including vitrified clay pipe, ductile iron pipe, PVC and unreinforced concrete pipe. The VCP and unreinforced concrete pipe are beginning to fail by collapses throughout the City due to roots, landscape, heavy traffic loads, etc. The City had Redzone Robotics do an assessment of all 12" and under gravity sewer and found that there are 15 miles of VCP pipe and one mile of other pipe needing structural rehabilitation by CIPP lining, and about 9.5 miles of pipe needing heavy cleaning. The most efficient method to repair these mains is to line the pipes through a cured in place (CIPP) liner. This project includes an annual budget for lining and pipe bursting to repair failing pipes and prevent future failures. This will also decrease the amount of inflow and infiltration from stormwater and groundwater that seeps into the pipe and increases cost of treating water unnecessarily at the wastewater treatment plant.

Strategic Goals Relevance/Categorical Criteria

Increase in structural integrity and decrease in flow to be collected and treated.

Project's Return on Investment

Lower flows to be pumped by wastewater system resulting in lower costs

Relevant Graphic Details (GIS or photo inserted)



		2021
Improvement other than Buildings	\$	200,000
	Improvement other than Buildings	Improvement other than Buildings \$

Once the main are repaired, there is little operating and maintenance to be done.

Project's Impact on Other Departments

No impact on other Departments.

Expenditures	Prior Years	FY21	FY22	FY23	FY24	FV25	TOTAL
Capital Costs Project Development					I		
Design							1,5
Permitting							-
Land/ROW Acquisition							
Construction		200,000	200,000	200,000	200,000	200,000	1,000,000
Equipment			,				E
Testing							¥
3			-				
Operating Costs							
On-Going Operations							-
Maintenance							
Personnel Costs							-
Other (SPECIFY)							
Total Expenditures	\$ -	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,000,00
Off-Set Categories	Prior Years	FY21	FY22	FY23	FY24	FY25	TOTAL
New Revenues							٠
Other (Specify)							
							163
Total Off-Sets	\$	\$	\$	\$	\$ =	\$	\$
NET COST	\$ -	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,000,00
Funding Sources	Prior Years	FY21	FY22	FY23	FY24	FY25	TOTAL
Sewer Fund	11101110113	200,000	200,000	200,000	200,000	200,000	1,000,00
Jewel Falla							
	-						
Total Funding Sources	\$ -						
This section must be	completed for	all applicable	projects. Plea	ase list future	revenues and	expenses on	ce project is
			ted and fully o				
	-	No	t Operational				
A. Revenues Generated:				Expenses lacu	7		
A.1- Revenue #1		B.1- Personne		-	B.5- Utilities:		-
A.2- Revenue #2	2.	B.2- Debt Serv		-	B.6- Materials/		-
A.3- Revenue #3	-	B.3- Contract S	Services:	=	B.7- Equipmen		-
A.4- Revenue #4		B.4- Fixed Cos	ls.		B 8- Miscelland	cous	
Revenue Totals (A.1 -to- A.4)	_			nse Totals (B.1			4



EF 45

(For Projects / Items Costing Over \$50,000)

Department Local Sewer

Project Duration FY19-21 Life Expectancy 30

Priority
1

Project Title

Park of Commerce - Phase 2

Relevant Graphic Details

Project Location

Boutwell Road from Lake Worth Road to 10th Ave N

Project Description/Justification

Phase 1A was completed in FY2020. Phase 1B is currently under construction in FY20-21. Phase 2 includes water, sewer, stormwater, electric, and roadway work along 7th and 4th Aves North and Boutwell Road from Joyce Ave to Lake Worth Road. The sanitary sewer portion of work includes new forcemain replacing the existing along 4th Avenue North within the Park of Commerce.



Strategic Goals Relevance/Categorical Criteria

Regulatory & Compliance

Project's Return on Investment

A value added asset to the corridor for new business.

FISCAL DETAILS		2021
Account Number	Description	Amount
423-7231-535.63-15	Improve Other than Build / Infrastructure	91,000

Total Expenditures

91,000

This project is not expected to have any major impacts to operating costs.

Project's Impact on Other Departments

This project includes work for the Electric, Water, Sewer, Stormwater, and Public Services Departments and is a collaborative effort.

Expenditures	Prior Years		FY21		FY22		FY23		FY24		FY25		TO ¹	ra i
Capital Costs							1 1 2 3		1 1 60 1		1 1 20 -07		1 47	PAC.
Project Development	Ş	\$		\$		\$		s		\$		-1	\$	-
Design	2,800)			-		-			1				2,800
Permitting						1			3			- 1		-,,,,,,,,
Land/ROW Acquisition									-					
Construction	22,000		91,000		(6	İ	-		- 2				1	13,000
Equipment					-							-		
Testing														
Operating Costs														
On-Going Operations			2											
Maintenance					. +	Т								
Personnel Costs					-		-		-					
Other (SPECIFY)					1+1	1								
Total Expenditures	\$ 24,800	\$	91,000	\$	Jet)	Ś	-	\$	9	\$		-	\$:	115,800
Off-Set Categories	Prior Years		FY21		FY22		FY23		FY24		FY25		TO	TAI
New Revenues	\$	\$	140	\$	742	\$		\$		S			S	
Other (SPECIFY)		1-	i i		721			Ť	-	-		-	*	
			- 1		12					1				
Total Off-Sets	\$ -	\$		\$		\$		\$		\$		-		-
NET COST	\$ 24,800	\$	91,000	\$		\$		\$		\$		-	\$:	115,800
	· · · · · · · · · · · · · · · · · · ·				-									
Funding Sources	Prior Years		FY21	_	FY22		FY23		FY24		FY25		TO	TAL
Sewer Fund	\$ 24,800	\$	91,000	\$	- 4	\$		\$	- 4	\$				115,800
TPA/LAP Grant		_	190	_	(A)		3		.00			15		
		1										3		
Total Funding Sources	\$ 24,800		91,000			\$		\$	-	Υ				115,800
This section must be co completed and fully ope	mpleted for al rational.	ll app	licable pr	ojec	ts. Please	lis	t future rev	enu	es and ex	реп	ses on	ce p	roject	is
			Net	Оре	rational h	mpa	act:					_		
A. Revenues Generated:							enses Incur	red:						
A 1- Revenue #1		B 1-	Personnel	7		İ		7/	Utilities:					-
A.2- Revenue #2	-	B.2-	Debt Servi	ice C	osts:		-	1	Materials/	Supr	lies:			
Λ.3 Revenue #3	S-	_	Contract S	_					Equipmen					
A 4- Revenue #4	-	_	Fixed Cost	_				-	Miscellane					
Revenue Totals (A.1 -to- A.4)					Evnan		Totals (B.1 -						\$	



EF 46

(For Projects / Items Costing Over \$50,000)

Department

Project Duration

Life Expectancy

Priority

Local Sewer

FY23

30 years

3

Project Title

Lift Station 25 SCADA & forcemain Improvements

Project Location

LS #25 - 6950 S Congress Ave

Project Description/Justification

Lift station #25 is located at Hypoluxo and Congress Road and needs a new control panel and expansion of the electrical rack so that the City can add a remote telemetry unit to bring this station onto the SCADA monitoring system for system reliability. The 3-inch forcemain that leaves this station has had several breaks recently and should be replaced to prevent more breaks and overflows. There are 2600-ft of 3-inch forcemain including a canal crossing that will be assessed to determine how much should be replaced.

Strategic Goals Relevance/Categorical Criteria

SCADA connectivity to this station will allow quicker response and monitoring of the station.

Project's Return on Investment

Resiliency and reliability of lift station

Relevant Graphic Details System Concept of SCADA Field Site 1 Field Site 2 Field Site 3 RM 13.95 RW INIV 1. 9.66 NV INIV 2.0 INV LW-25

FISCAL DETAILS

2021

Account Number Discription Amount

423-7221-535.63-15

Improve Other than Build / Infrastructure

\$

This will provide a more reliable lift station and forcemain system with less operating and maintenance required.

Project's Impact on Other Departments

None

Expenditures	Prior Years	FY21	FY22	FY23	FY24	FY25	TOTAL
Capital Costs							
Project Development	Ş	Ś	\$	\$	\$	\$	\$ -
Design	-		#/	50,000	-		50,000
Permitting	_		+0			-	
Land/ROW Acquisition			× 2				-
Construction			-	200,000)		200,000
Equipment			8 9		74	-	¥
Testing	-		+		-		
Operating Costs							
On-Going Operations	-						
Maintenance			-				
Personnel Costs	35		+	-			
Other (SPECIFY)			-	-	к :-	4	
			- 1	-			
Total Expenditures	\$	\$	- \$	- \$ 250,00	0 \$	\$ =	\$ 250,000
Off-Set Categories	Prior Years	FY21	FY22	FY23	FY24	FY25	TOTAL
New Revenues	\$	\$	- \$	- \$	- \$	\$	- \$ -
Other (Specify)			-	+-			
	-			20	4 .		
Total Off-Sets	\$	\$	- \$	- \$	- \$	\$	- \$ -
NET COST	\$ -	\$	- \$	\$ 250,00	0 \$	- \$	- \$ 250,000
	Basel St.						
Funding Sources	Prior Years	FY21	FY22	FY23	FY24	FY25	TOTAL
Local Sewer Fund	\$ -	\$	\$	\$ 250,00		\$	- \$ 250,000
		1		*	-		
Total Funding Sources	\$	\$	- \$	- \$ 250,00	10 £	- \$	- \$ 250,000
Lated Loading Courres		\$	- \$	- \$ 250.00	m 2	- 3	 3 250.000

This section must be completed for all applicable projects. Please list future revenues and expenses once project is completed and fully operational.

		Net Operational Im	pact:			
A. Revenues Generated:		8. Ex	penses Inci	irred		
A.1- Revenue #1		B.1- Personnel:	2	B.5- Utilities:		161
A.2- Revenue #2		B.2- Debt Service Costs.		B.G- Materials/Supplies		
A.3- Revenue #3	- 18	B.3- Contract Services:		B.7- Equipment:		18.
A ₄ - Revenue #4		B.4- Fixed Costs		B.8- Miscellaneous:		
Revenue Totals	3	-	7	1 . 5 0		
(A.1 -to- A.4)		Expense	Totals (B.1	-to- B.8)	1 \$	*



EF 47

(For Projects / Items Costing Over \$50,000)

DepartmentSewer Utilities

Project Duration FY21-25

Life Expectancy 50 years

Priority 2

Project Title

Floral Park/10th Ave N/High Ridge SS Expansion

Project Location

Citywide

Project Description/Justification

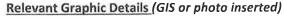
The following areas, over 1000 parcels, were identified within the City's sewer service area as not being served by City sewer, rather they are all on individual septic service, which is of concern based on their proximity to Lake Osborne. The City desires to provide City sewer service to the following areas; Floral Park 1 (east of Hickman Street to Lake Osborne), 10th Avenue North (south of 10th Avenue North to C-10 canal, east of Congress Ave to Lynwood Drive), Floral Park 2 (north of Hypoluxo Rd to Northside Dr, east of Congress Ave to Lake Osborne), and High Ridge Road (Lantana Rd to Hypoluxo Road, 195 to and including Paul Mar Drive). The department intends to apply for grants to fund and complete this work or complete it via assessment.

Strategic Goals Relevance/Categorical Criteria

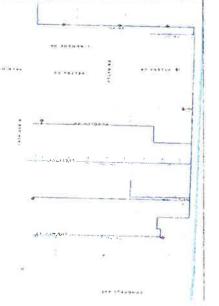
Health, Safety, & Environment

Project's Return on Investment

Providing sewer service to these customers will bring revenue into the City as paying sewer customers







FISCAL !	DETAILS
----------	---------

Improvement other than Buildings

2021

423-7231-535.63-15

.

\$

(A.1 -to- A.4)

Operating Cost Impact
Once the main are installed, there is little operating and maintenance to be done for many years.

Project's Impact on Other Departments

This project is being done in coordination with water expansion projects:

New Revenues Other (Specify) Total Off-Sets \$ NET COST \$	Years	s	FY21	- S		222,000 222,000 FY22	ş	2,720,000 2,720,000	960,00 3,400,00 \$ 4,360,0	0	9,600,000	\$	2,398,000 15,200,000 17,598,000
Design Permitting Land/ROW Acquisition Construction Equipment Testing Operating Costs On-Going Operations Maintenance Personnel Costs Other (SPECIFY) Total Expenditures Soff-Set Categories New Revenues Other (Specify) Total Off-Sets NET COST Funding Sources Potential Grant? Total Funding Sources \$		s	FY21	- 5		222,000	\$	2,200,000	3,400,00 3,400,00 \$ 4,360,0	0	10,296,000	\$	15,200,000
Permitting Land/ROW Acquisition Construction Equipment Testing Operating Costs On-Going Operations Maintenance Personnel Costs Other (SPECIFY) Total Expenditures Soff-Set Categories New Revenues Other (Specify) Total Off-Sets NET COST Funding Sources Potential Grant? Total Funding Sources \$		s	FY21	- 5		222,000	ş	2,200,000	3,400,00 3,400,00 \$ 4,360,0	0	10,296,000	\$	15,200,000
Land/ROW Acquisition Construction Equipment Testing Operating Costs On-Going Operations Maintenance Personnel Costs Other (SPFCIFY) Total Expenditures Soff-Set Categories Prior New Revenues Other (Specify) Total Off-Sets NET COST Sunding Sources Potential Grant? Total Funding Sources \$		s	FY21	= 5			ş	2,720,000	\$ 4,360,0		10,296,000	\$	17,598,000
Construction Equipment Testing Operating Costs On-Going Operations Maintenance Personnel Costs Other (SPECIFY) Total Expenditures Siff-Set Categories Prior New Revenues Other (Specify) Total Off-Sets NET COST \$ unding Sources Potential Grant? Total Funding Sources \$		s	FY21	- 5			ş	2,720,000	\$ 4,360,0		10,296,000	ş	17,598,000
Equipment Testing Operating Costs On-Going Operations Maintenance Personnel Costs Other (SPECIFY) Total Expenditures Seff-Set Categories Prior New Revenues Other (Specify) Total Off-Sets NET COST Sunding Sources Potential Grant?		s	FY21	- 5			\$	2,720,000	\$ 4,360,0		10,296,000	\$	17,598,000
Operating Costs On-Going Operations Maintenance Personnel Costs Other (SPECIFY) Total Expenditures Off-Set Categories New Revenues Other (Specify) Total Off-Sets NET COST Sunding Sources Potential Grant? Total Funding Sources \$		s	FY21	- 5			ş			00 \$		\$	
On-Going Operations Maintenance Personnel Costs Other (SPECIFY) Total Expenditures Off-Set Categories New Revenues Other (Specify) Total Off-Sets NET COST Sunding Sources Potential Grant? Total Funding Sources \$		s	FY21	- 5			¢,			00 \$		S	
On-Going Operations Maintenance Personnel Costs Other (SPECIFY) Total Expenditures Off-Set Categories New Revenues Other (Specify) Total Off-Sets NET COST Sunding Sources Potential Grant? Total Funding Sources \$		s	FY21	- 5			ş			00 \$		\$	
Maintenance Personnel Costs Other (SPECIFY) Total Expenditures Off-Set Categories New Revenues Other (Specify) Total Off-Sets NET COST Sunding Sources Potential Grant? Total Funding Sources \$		s	FY21	- 5			\$			30 \$		\$	
Other (SPECIFY) Total Expenditures \$ Off-Set Categories Prior New Revenues Other (Specify) Total Off-Sets \$ NET COST \$ Funding Sources Potential Grant? Total Funding Sources \$		s	FY21	- 5			\$			00 \$		\$	
Total Expenditures \$ Off-Set Categories Prior New Revenues Other (Specify) Total Off-Sets \$ NET COST \$ unding Sources Potential Grant? Total Funding Sources \$		s	FY21	- 5			\$			00 \$		\$	
Total Expenditures \$ Off-Set Categories Prior New Revenues Other (Specify) Total Off-Sets \$ NET COST \$ unding Sources Potential Grant? Total Funding Sources \$		s	FY21	- 5			\$			00 \$		\$	
Off-Set Categories Prior New Revenues Other (Specify) Total Off-Sets \$ NET COST \$ Funding Sources Potential Grant? Total Funding Sources \$		s	FY21	- 5			\$			00 \$		\$	
New Revenues Other (Specify) Total Off-Sets NET COST Sunding Sources Potential Grant? Total Funding Sources \$	Years		FY21			FY22		FY23	FY24				
New Revenues Other (Specify) Total Off-Sets NET COST Sunding Sources Potential Grant? Total Funding Sources \$											FY25		TOTAL
Total Off-Sets \$ NET COST \$ Funding Sources Prior Potential Grant? Total Funding Sources \$								5,000	15,0	na	40;000		61,000
Total Off-Sets \$ NET COST \$ unding Sources Potential Grant? Total Funding Sources \$		-											-
NET COST \$ Funding Sources Prior Potential Grant? Total Funding Sources \$													(4
unding Sources Prior Potential Grant? Total Funding Sources \$	(2)	\$		- \$	\$	27	\$	6,000	\$ 15,0	0 \$	40,000	\$	61,000
Potential Grant? Total Funding Sources \$		\$		- 5	\$	222,000	\$	2,714,000	\$ 4,345,0	00 \$	10,256,000	\$	17,537,000
Potential Grant? Total Funding Sources \$													
Total Funding Sources \$	Years		FY21			FY22		FY23	FY24		FY25		TOTAL
	2.5			31		222,000		2,714,000	4,345,0	00	10,256,000		17,537,000
													(2)
This section most be con	P.	\$		98. \$	\$	222,000	\$	2,714,000	\$ 4,345,0	00 \$	10,256,000	\$	17,537,000
	mplete	d for all	l applicabl	le pro	jecta. I	Please list fut	ure re	venuoc and ox	panses once proje	ct is co	mpleted and full	y ope	rational
						Net Opera	tional	Impact:					
A. Revenues Generated:							B. Exp	enses incurred;					
A 1- Revenue #1	-	B 1- Per	ersonnel:						B 5- Utilities				-
A.2- Revenue #2		B.2- De	ebt Service	Costs:					8 6- Materials/Suppl	es.			
A.3- Revenue #3	-	B 3- Co	ontract Serv	rices					B.7- Equipment				
A 4- Revenue #4	-	1	xed Costs					40	B 8- Miscellaneous				24.0
Revenue Totals		8 4- Fix											

Expense Totals (B.1 4o- B.8)



(For Projects / Items Costing Over \$50,000)

EF 48

DepartmentLocal Sewer

Project Duration FY21

Life Expectancy
30 years

Priority 2

Project Title

Lift Station 14 Upgrades

Project Location

LS #14 - 1201 Rupp Lane

Project Description/Justification

Lift Station #14 is in need of new piping, pumps, pump base plates, valves and appurtenances to extend it's life, as well as a new larger valve vault that can be accessed more easily. The wetwell and valve vault also need to be sandblasted and coated for lasting protection from hydrogen sulfide gasses that accumulate. Electrical improvements are also included with a new RTU, instrumentation, controls, and duplex control panel.



Strategic Goals Relevance/Categorical Criteria

Health, Safety, Environment

Project's Return on Investment

Resiliency and reliability of lift station

FISCAL DETAILS		 2021
Account Number	Description	 Amount
423-7221-535.63-15	Improve Other than Build / Infrastructure	\$ 336,000
	Total Expenditures	\$ 336,000

This will provide a more reliable lift station with less operating and maintenance required.

Project's Impact on Other Departments

Mone

Expenditures Capital Costs	Prior Years	i	FY21	F	Y22	FY23		FY24		FY25		TOTAL
Project Development	\$	- \$	-	\$		\$	-	\$	\$		\$	=======================================
Design	30,00	0	-									30,000
Permitting		- [· ·		37		727					
Land/ROW Acquisition		-	8		150				-			*
Construction			336,000									336,000
Equipment					180		- 54		-			
Testing		-					S					
Operating Costs			-1-									
On-Going Operations		- }	-		-		-					
Maintenance												
Personnel Costs		-	-		nc.		565		-			2
Other (SPECIFY)			- 2				47				-	
			(a) (b)				-		-			
Total Expenditures	\$ 30,00	0 \$	336,000	\$		\$	283	\$	- \$		- \$	366,000
Off-Set Categories	Prior Years		FY21	F	Y22	FY23		FY24		FY25		TOTAL
New Revenues	Ş	15		\$		\$		\$	\$		\$	
Other (Specify)							100		-		Ť	
			-		-		-		-			
Total Off-Sets	\$	- \$		\$		\$	- 5	\$	\$		- \$	
NET COST	\$ 30,00	0 \$	336,000	\$		\$	-	\$	\$		- \$	366,000
				TO SECOND		- Value of	-					
Funding Sources	Prior Years		FY21	F	Y22	FY23		FY24		FY25		TOTAL
Local Sewer Fund	\$ 30,000) \$	336,000	\$	-	\$		\$	\$	<u></u>	- \$	366,000
		+					12		20		4	- 4
		-	7.		-)		- 1				-	
Total Funding Sources	\$ 30,00	\$ (336,000	\$	*2	\$		\$	÷ \$		• \$	366,000

This section must be completed for all applicable projects. Please list future revenues and expenses once project is completed and fully operational.

		Net Operational Im	pact:		
A. Revenues Generated:		B. E.	ротвыя Ілсь	ersch	
A.1- Revenue #1		B.1- Personnel:	-	B.5- Utilities:	
A 2- Revenue #2	(*)	B.2- Debt Service Costs:		B.6- Materials/Supplies:	2
A.3- Revenue #3	361	B.3- Contract Services	=	B.7- Equipment:	-
A 4- Revenue #4	123	B.4- Fixed Costs		D.8 Miscellaneous	



(For Projects / Items Costing Over \$50,000)

EF 49

Project Duration

Life Expectancy

Priority

Department Local Sewer

FY22

30 years

2

Project Title

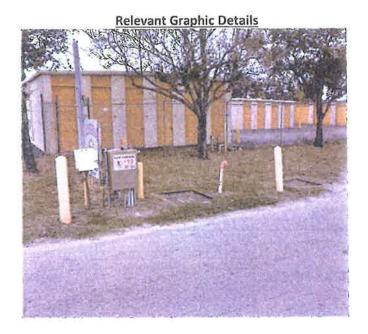
Lift Station 19 Rehab/Replace

Project Location

900 Barnett Ave

Project Description/Justification

The wastewater lift station #19 wetwell, valve vault and control panel are located just off the roadway on Barnett Drive, which is a heavily traveled road. The City proposes to relocate this wastewater lift station further out of the roadway to prevent accidents crashing into the control panel or RTU and causing the station to lose controls or power and potentially cause a sewer overflow spill. The station was built in 1989 and is in dire need of upgrades to continue functioning as it should.



Strategic Goals Relevance/Categorical Criteria

Health, Safety, Environment

Project's Return on Investment

Resiliency and reliability of lift station

FISCAL DETAILS		2021		
Account Number	Description	Amount		
423-7221-535.63-15	Improve Other than Build / Infrastructure	\$	(±)	
	Total Expenditures	\$		

This will provide a more reliable lift station with less operating and maintenance required.

Project's Impact on Other Departments

None

Expenditures	Prior Years	CV31			FY22		EV23		FY24		FY25			TOTAL
Capital Costs														
Project Development	\$	\$	_	\$	19.	\$		\$	=	\$		7.1	\$	
Design					45,000				-					45,000
Permitting					- 1		10					-		
Land/ROW Acquisition	==	}	8		9		-		7	L		-		
Construction					205,000							-		205,000
Equipment			-						3			2		
Testing			2		=				3			-		
Operating Costs														
On-Going Operations					72			Г	2			. 1		
Maintenance	-		-											
Personnel Costs												a		
Other (SPECIFY)	-		-											
							-	1	-					
Total Expenditures	\$ -	\$	*	\$	250,000	\$	28	\$		\$		98	\$	250,000
Off-Set Categories	Prior Years	FY21			FY22		FY23		FY24		F Y2 5			TOTAL
New Revenues	\$	\$		\$	1122	\$	1123	\$	1127	\$	1123	Ó	\$	TOTAL
Other (Specify)		1	- 8	7		Ç		٦		Ş		-	Ş	
2000 (2) 2007								-		-		_	_	
Total Off-Sets	\$	\$	_	\$		\$		\$		\$		-	\$	
NET COST	Ś	\$	121	\$	250,000	ć		\$		\$			\$	350,000
1461 5031		3	_	þ	250,000	, ,		\$, ,		-	>	250,000
Funding Sources	Prior Years	FY21			FY22		FY23		FY24		FY25			TOTAL
Local Sewer Fund	\$ -	\$	*	\$	250,000	\$	P.	\$		\$		0.0	\$	250,000
					*		i.					*		=
		1	=		2				-			3		
Total Funding Sources	\$	\$		\$		\$		\$		\$			Ś	250,000

This section must be completed for all applicable projects. Please list future revenues and expenses once project is completed and fully operational.

	-	Net Operational Im	pact:		
A. Revenues Generated:	410	8. 23	penses Inc.	irred:	
A.1- Revenue #1	167	B.1- Personnel:		B 5- Utilities:	-
A,2- Revenue #2		B.2- Debt Service Costs:	-	B 6- Materials/Supplies	-
A.3- Revenue #3	=	B.3- Contract Services:	SI.	B.7- Equipment:	2
A.4- Revenue #4	i i	B.4- Fixed Costs	3.	B 8- Miscellaneous	-
Revenue Totals (A.1 -to- A.4)	*	Expense	: Tüláls (B.1	-to- B.8)	\$ 74



Capital Improvement Program (CIP)

Project Request Form
(For Projects / Items Costing Over \$50,000)

EF 50

Department Sewer Utilities **Project Duration**

Life Expectancy

Priority

FY22-23

20

2

Project Title

Lift Station Generators & Generator Upgrades

Relevant Graphic Details (GIS or photo inserted)

Project Location

Citywide

Project Description/Justification

The Department utilitizes generators to keep the wasterwater system pump stations in service when electrical power is lost. Without the generators, the pump stations will fill up with wastewater and cause backups and sanitary sewer overflows. The additional generators will assist the department to provide more power to pump stations and redundancy. The upgrades to existing generators include replacing the output cables to one cord, reverse service, and a power cable. Also include modifications to the existing genrators to adapt to a single 200 amps plug and receptable. The City is pursuing grant opportunities to fund this project.



Strategic Goals Relevance/Categorical Criteria

Resilience & Redundancy

Project's Return on Investment

Greater protection and prevention of sanitary sewer overflows.

FISCAL DETAILS	Discription		2021			
/23-7221-535 63-15	Improve other than Build	Ś	-			

The maintenance cost to keep the generator in mint condition is approximately \$500 per year.

Project's Impact on Other Departments

No impact on other Departments.

Expenditures Capital Costs	Prior Years		FY21		FV22		FY23		F72A		FY25		TOTAL
Project Development													14
Design													
Permitting													-
Land/ROW Acquisition													
Construction	0-1-1												
Equipment		_		_	50,000		50,000						100,000
Testing		1								<u></u>			- 00
Operating Costs													
On-Going Operations													181
Maintenance							*				100		
Personnel Costs													9
Other (SPECIFY)	-												
													(=)
Total Expenditures	\$	5	30	\$	50,000	\$	50,000	\$	*	\$	*	\$	100,000
Off-Set Categories	Prior Years		FV21		FY27		FY23		FY24		FY25		TOTAL
New Revenues				1						1			
Other (Specify)										1		1	
													-
Total Off-Sets	\$	\$		\$	≘ €.	\$	-	\$	-	\$	¥	\$	¥
NET COST	\$ =	\$	(4)	\$	50,000	\$	50,000	\$	•	\$		\$	100,000
Founding Sources	Deios Woos-		Tirm o		27.00		F) 10.0		77.470.41		W2 400 W		
Funding Sources Potential Grant?	Prior Years	T -	FY21		FY22	r -	FY23	_	FY24	1	FY25	т—	TOTAL
Potential Grant?			<u> </u>		50,000		50,000		*				100,000
										Ľ			*.
Total Funding Sources	\$ =	\$	*	\$	50,000		50,000		*	\$		\$	100,000
This section must be	completed for	all a			jects. Plea and fully o			reve	enues and	exp	enses on	ce pr	oject is
			Ne	t Op	erational l	mpa	ict:						
A. Revenues Generated					FI F	inpe	ouses incly	4 94					
A 1- Revenue #1		B.1-	Personnel	:				B.5	i- Utilities:				
A 2- Revenue #2	-	B.2-	Debt Serv	ice (Costs		752	-	- Materials/	Supp	olies		
A.3- Revenue #3		B.3- Contract Services:						B 7- Equipment:					200
A.4- Revenue #4	-	B.4-	Fixed Cos	ts"				В 8	- Miscellan	eous			•
Revenue Totals (A.1 -to- A.4)	=				Expen	se I	otals (B.1 -	to-l	3.8))#(



(For Projects / Items Costing Over \$50,000)

EF 51

Department Sewer Utilities **Project Duration** FY22-25

Life Expectancy 50 years

Priority 2

Project Title

Sanitary Sewer Lining - Lift Stations 3, 4, and Master Pump station basins

Project Location

Citywide

Project Description/Justification

The City had Holtz Consulting conduct an inflow & infiltration study in lift stations 3, 4, and master pump station basins to determine target inflow & infiltration areas that should be repaired. The most efficient method to repair these mains is to line the pipes through a cured in place liner or pipe bursting. This project includes an annual budget for lining and pipe bursting to repair failing pipes and prevent future failures. This will also decrease the amount of inflow and infiltration from stormwater and groundwater that seeps into the pipe and increases cost of treating water unnecessarily at the wastewater treatment plant. The City is pursuing grants to help fund this project.

Relevant Graphic Details (GIS or photo inserted)



Strategic Goals Relevance/Categorical Criteria

Increase in structural integrity and decrease in flow to be collected and treated.

Project's Return on Investment

Lower flows to be pumped by wastewater system resulting in lower costs

FISCAL DETAILS		 2021
423-7231-535 63-15	Improvement other than Buildings	\$

Once the main are repaired, there is little operating and maintenance to be done.

Project's Impact on Other Departments

No impact on other Departments.

Expenditures	Prior Years	F	Y21		FY22		EA53		FY24		FY25		TOTAL
Capital Costs													
Project Development	## ppp	-		-				_					
Design	50,000	-						_		_		_	50,000
Permitting		-		-				-		-			-
Land/ROW Acquisition Construction		-		-		-		_		_		_	
Equipment	(-		-	900,000		1,333,333		1,333,333	_	1,333,333		4,899,999
Testing		+		+									
resting		1		I		_							
Operating Costs													
On-Going Operations													-
Maintenance				1									
Personnel Costs													h:
Other (SPECIFY)													
Total Expenditures	\$ 50,000	\$	8.8	\$	900,000	\$	1,333,333	\$	1,333,333	\$	1,333,333	\$	4,949,999
Off-Set Categories	Prior Vears	F	Y21		FYZZ		FY23		FY24		FY25		TOTAL
New Revenues		1			(I)		1 1 22	1	1 1 2 7	1	116-2		TOTAL
Other (Specify)		1											
		-		+					=				
Total Off-Sets	\$	\$	3.5	\$	T INC.	\$	-	\$		\$		\$	*
NET COST	\$ 50,000	\$	340	\$	900,000	\$	1,333,333	\$	1,333,333	\$	1,333,333	\$	4,949,999
Condina Carraga	D-1V				277 2 270 270	.,	E. (D.C.		77.17.0		T: 40 T		
Funding Sources	Prior Years	1	Y21	7	FY22	т—	FY23	-	FY24	-	FY25	1	TOTAL
Sewer Fund/Grant	50,000	-		-	900,000	-	1,333,333		1,333,333	-	1,333,333		4,949,999
Total Funding Sources	\$ 50,000	Ş	-	\$	900,000	\$	1,333,333	\$	1,333,333	\$	1,333,333	\$	4,949,999
This section must be	completed for	all ap	plicable	pro	jects. Plea	sel			nues and	exp			roject is
					and fully o								
	-		Ne	t Or	erational I	<u> </u>						,	
A. Revenues Generated					8	V Di	ansas India	red:					
A 1- Revenue #1		B 1- F	ersonne?	8			-	8.5	- Utilities:				
A.2- Revenue #2	- 4	B.2- C	ebt Serv	ice (Costs:		÷	B.6	- Materials/	Sup	plies:		8
A,3- Revenue #3		-	Contract S	_	ices	_		-	'- Equipmen				-
A 4- Revenue #4	:=	B 4- F	ixed Cos	ts				B 8	- Miscellane	eous	i:		ž.
Revenue Totals (A.1 -to- A.4)	120				Evan	en i	otals (B. I	to 1	0 01				
(2.1 -10- 7.4)		1			LAPEL	25 1	orais (D. I	·(U- i	ر0,0			1	



EF 52

(For Projects / Items Costing Over \$50,000)

Department Local Sewer Project Duration FY20-22

30 years

Priority 3

Project Title

Radio Phase 2 & SCADA upgrade

Project Location

Citywide

Project Description/Justification

The City's radios that communicate information between the base station at the Water Treatment Plant and water utility offsite facilities (wastewater lift stations, raw water wells, booster stations) are overloaded and outdated. The City is currently doing an evaluation on what the best replacement radio would be in order to continue to function and receive information 24/7 at the water plant. The City is currently under construction with phase 1 replacement of radios at the water plant, master pump station, booster stations and floridan wells. The City is pursuing grant funding to pay for the phase 2 portion of work on lift stations and surficial water wells.

Strategic Goals Relevance/Categorical Criteria

Health, Safety

Project's Return on Investment

Resiliency and reliability of remote monitoring and control system

Relevant Graphic Details



FISCAL DETAILS	2021

Account Number	Discription	 Amount
423-7221-535.63-15	Improve Other than Build / Infrastructure	\$

Project's Impact on Other Departments

None

Expenditures	Prior Years	ç	Y21		FY22		FY23		FY24		FY25		TOTAL
Capital Costs												-	
Project Development	Ś	\$	2	\$	-	\$		\$		\$		\$	
Design	10,000		-				3.		-			L	10,000
Permitting					-				-			_	
Land/ROW Acquisition			=		161		90		(4)			-	
Construction	50,000		-		200,000		~			_		-	250,000
Equipment					-		183				-	-	
lesting		-	-				-		-			1	
Operating Costs													
On-Going Operations		-					F		-				
Maintenance			2		-		i.		4			1	
Personnel Costs					-		-			1			
Other (SPECIFY)		a t							18				
		-	=		¥.								
Total Expenditures	\$ 60,00	0 \$	-	\$	200,000	\$	-	\$	-	\$. 5	260,00
Off-Set Categories	Prior Years		FY21		FY22		FY23		FY24		FY25		TOTAL
New Revenues	\$	- \$	-	\$		\$		\$	2	\$		- [:	\$
Other (Specify)		-	-				-						
0 11101 (0 0 0 - 11 / /							-					-	
Total Off-Sets	\$	- \$		\$		\$		\$		\$		-	\$
NET COST	\$ 60,00	0 \$	-	\$	200,000	\$		\$		\$		-	\$ 260,00
1000						-							
Funding Sources	Prior Years		FY21		FY22		FY23		FY24		FY25	_	TOTAL
Potential Grant?		\$		\$	200,000	\$		\$		\$		-	\$ 200,00
Regional Sewer Fund	\$ 60,00	0				-		-		-		-	
		-		_	200.055	_		1					\$ 200,0
Total Funding Sources	\$ 60,00	0 \$		\$	200,000	\$		\$		\$		7	⇒ ∠UU,U

This section must be completed for all applicable projects. Please list future revenues and expenses once project is completed and fully operational.

		Net Operational Im	pact:		
A. Revenues Generated:		B. Ex	pensas Inci	irred:	
A.1- Revenue #1		B 1- Personnel:	-	B.5- Utilities:	- 4
A.2- Revenue #2	€	B 2- Debt Service Costs:		B.6- Materials/Supplies:	- 8
A.3- Revenue #3	-	B.3- Contract Services:	-	B.7- Equipment	*
A 4- Revenue #4		B.4- Fixed Costs:	41	R 8- Miscellaneous:	
Revenue Totals (A.1 -to- A.4)		Expensi	e Totals (B.1	-to- B.0)	\$



EF 48

(For Projects / Items Costing Over \$50,000)

DepartmentStormwater Utilities

Project Duration FY17 - FY21 Life Expectancy
40 Years

Priority

3

Project Title

Stormwater Main NRP Projects

Project Location

City-Wide

Project Description/Justification

These projects, which place value on a vital part of the City's infrastructure, have been coordinated with the City's Public Services Department and the Neighborhood Road Program. The Departments were able to establish a construction sequence by meshing the Utilities fire protection plan and proposed sewer rehabilitation project schedule with the Stormwater Masterplan and Public Services Roadway & Sidewalk Masterplan. Stormwater main installations and replacements identified in the plan were prioritized based on the stormwater modeling for capacity and treatment in the Masterplan.

Strategic Goals Relevance/Categorical Criteria

Healthy, Safety, Environment

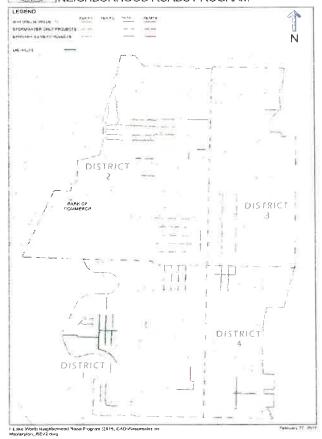
Project's Return on Investment

Resilience and redundancy of the stormwater collection system

Relevant Graphic Details (GIS or photo inserted)

Check out http://lakeworthroads.com/master-plan to see a visual map

CITY OF LAKE WORTH WATERMAIN, STORM & SANITARY PROJECTS WITH NEIGHBORHOOD ROADS PROGRAM



FISCAL DETAILS

2021

Account Number	Description	Amount
428-5090-538.63-15	Improve other than Build	668,570
	Total Expenditures	\$ 668,570

Reduction in repair and replacement of stormwater mains.

Project's Impact on Other Departments

This project includes work for the Water, Sewer, Stormwater, and Public Services Departments and is a collaborative effort.

Expenditures Capital Costs	Pr	rior Years		FY21		FY22			FY23		FY24			FY25			TOTAL
Project Development												- 1					-
Design		397,287															397,287
Permitting																	s.
Land/ROW Acquisition																	- 12
Construction	3,	,575,580.35		668,570													4,244,150
Equipment																	
Testing																	
Expenditures	Pi	rior Years		FY21		FY22			FY23		FY24			FY25			TOTAL
Neighborhood Road Program - Dist 1		1,843,316															1,843,316
Neighborhood Road Program - Dist 2		417,470			£												417,470
Neighborhood Road Program - Dist 3		1,115,752		668,570													1,784,322
Neighborhood Road Program - Dist 4		596,329															596,329
		3,972,867		668,570			ij.		×			2			(95		4,641,437
Operating Costs																	
On-Going Operations																	2
Maintenance																	. 8
Personnel Costs																	
Other (SPECIFY)																	
Total Expenditures	\$	3,977,867	\$	668,570	\$		2	\$	29	\$		*	\$		*	\$	4,641,437
Off-Set Categories	Pi	rior Years		FY21		FY22			FY23		FY24			FY25	j		TOTAL
New Revenues	207																- ×
Other (Specify)	_									_			ļ_		2	_	
Total Off-Sets	\$		\$	-	\$		-	\$	4	\$		-	\$		3	\$	
NET COST	\$	3,972,867	\$	668,570	\$			\$	-	\$		-	\$	=	a	\$	4,641,437
Funding So urces	0	rior Years		FY21		FY22			FY23		FY24			FY25			TOTAL
Potential Grant?	- 1	3,972,867	1	568,570		FIZZ	_		F123	Т	F129			112	, ,	П	
LOGGICIAL GLAUCE		3,977,867	-	468 57H						H		74.1			-	-	4,641,437
										1							
Total Funding Sources	Ś	3,972,867	5	668,570	Ś		-	\$		ŝ			\$			\$	4,641,437
This section must be complete				projects.	Ple			ure	revenues		i expe	nses		ce pr	oject		
				and fu							-						
A Revenues Generated:	1		1	uct oh	=(d	uunat t			ans incu	i i ia id				-			
A.1- Revenue #1	-	000	D 1	Personnal	Ş		5-4"	1 100	71.393 11100	-		200	-			1	
A.1- Revenue #1	+	(4)	B.1- Personnel B.2- Debt Service Costs					B.5- Utilities			-						
	-					-		B.6- Materials/Supplies:				+	-				
	+	-	B.3- Contract Services: B.4- Fixed Costs:			-	3	B 7- Equipment: B.8- Miscellaneous:			-	-					
A.4- Revenue #4 Revenue Totals			18.4	FIXED COS	(5.			_		IR-9	o- IVIISCE	anan	eous			-	
(A.1 -to- A.4)		790				E:	xpen	se T	otals (B.1	-to-	8.8)						- 4



Neighborhood Roads: District 4

Adopted in FY2020 \$300,000



13th Ave North - GOLF COURSE 72" REPAIR/LINING

Adopted in FY2020 \$100,000



10TH AVE N LINING

Adopted in FY2020 \$200,000



Park of Commerce - Phase 1B

Adopted in FY2020 \$495,000



EF 53

(For Projects / Items Costing Over \$50,000)

Department Stormwater **Project Duration** FY19-21

Life Expectancy 30

Priority
1

Project Title

Park of Commerce - Phase 2

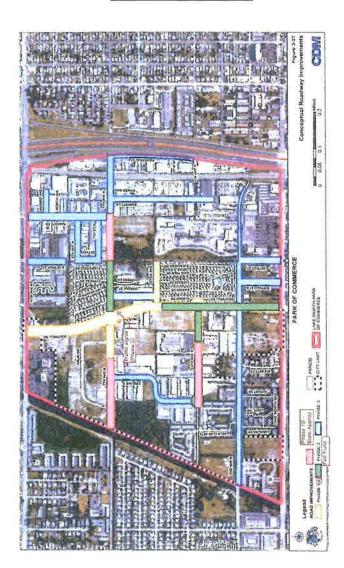
Relevant Graphic Details

Project Location

Boutwell Road from Lake Worth Road to 10th Ave N

Project Description/Justification

Phase 1A was completed in FY2020. Phase 1B is currently under construction in FY20-21. Phase 2 includes water, sewer, stormwater, electric, and roadway work along 7th and 4th Aves North and Boutwell Road from Joyce Ave to Lake Worth Road. The stormwater portion of work includes new structures and piping to collect stormwater along 7th Avenue North.



Strategic Goals Relevance/Categorical Criteria

Regulatory & Compliance

Project's Return on Investment

A value added asset to the corridor for new business.

FISCAL DETAILS 2021
Account Number Description Amount

428-5090-538.63-15 Improve Other than Build / Infrastructure

117,200

This project is not expected to have any major impacts to operating costs.

Project's Impact on Other Departments

This project includes work for the Electric, Water, Sewer, Stormwater, and Public Services Departments and is a collaborative effort.

Expenditures	Prior Vears	FY21	FYZZ	FY23	FV24	FY25	7	TOTAL
Capital Costs								
Project Development	\$	\$	\$. \$	- \$	- 5	- 5	
Design		16			-	-	-	- 3
Permitting					-	4	5	- t.
Land/ROW Acquisition				<	-]	3	×	
Construction	150,000	117,200		-	• 1	×	-	267,200
Equipment		-		. 1	- 1	a		
Testing								
Operating Costs								
On-Going Operations		2		-1	21	-	- 1	
Maintenance		3			-		/4/	
Personnel Costs	-	-			₹.	4		
Other (SPECIFY)					-		-	
			L	E		di .	1	
Total Expenditures	\$ 150,000	\$ 117,200	\$	\$	- \$	\$	- \$	267,200
Off-Set Categories	Prior Years	FY21	FY22	FY23	FY24	FY25		TOTAL
New Revenues	\$ -	\$ =	\$	- \$	- \$	- \$	- \$	
Other (SPECIFY)								
							*	AL.
Total Off-Sets	\$ -	\$ -	\$	\$	\$	\$	~:	
NET COST	\$ 150,000	\$ 117,200	\$	- \$	= \$. \$	\$	267,200
					min 460 d	providence of		THE ACT THE CL. I
Funding Sources	Prior Years	FY21	FY22	FY23	FY24	FY25		TOTAL
Stormwater Fund	\$ 150,000	\$ 117,200	\$	\$	- \$	\$		267,200
TPA/LAP Grant		-		4	*	-	1	
				~			-	
Total Funding Sources	\$ 150,000			÷ \$	- \$	- \$	- \$	267,200
This section must be completed and fully open		l applicable p	rojects. Pleas	se list future r	evenues and	expenses ond	e proj	ect is
7 - 1		Ne	t Operationa	Impact:				
A. Revenues Generated:		I		Expenses Inc	urred:			
A 1- Revenue #1		B.1- Personne	I:		B 5- Utilities	:		
A.2- Revenue #2	4	B.2- Debt Serv	rice Costs:		- B.6- Materia	ls/Supplies		20
A.3- Revenue #3	-	B.3- Contract S	Services		- B.7- Equipm	ent:		
A 4- Revenue #4		B.4- Fixed Cos	sts		- B.8- Miscella	aneous:		
Revenue Totals								



Storm Water Master Plan

Adopted in FY2020 \$25,000



Capital Improvement Program (CIP) Project Request Form (For Projects / Items Costing Over \$50,000)

EF 55

Department

Stormwater Utilities

Project Duration

FY21-24

Life Expectancy

Priority

50 years

1

Project Title

Outfall Check Valve Project

Project Location

Various

Project Description/Justification

The City's stormwater system has approximately 30 different stormwater outfalls to the Lake Worth Lagoon and C-51 canal. This project serves to address backflow of the canal and intracoastal water into the City's stormwater system during high tides and water levels by installing a check valve that only allows water passage one way out from the City's system. Two outfalls check valves were installed in 2017; both at Bryant Park.

Relevant Graphic Details (GIS or photo inserted)



Strategic Goals Relevance/Categorical Criteria

Resiliency

Project's Return on Investment

Upgrade an imperative asset and prevent excess flooding of City and resident's properties and ROW

FISCAL DETAILS		2021
Account Number	Description	Amount
408-5090-519-63-15	Improve other than Build	50,000
	Total Expenditures	\$ 50,000

Once these new outfall check valves are installed, they will require annual maintenance to clear them and make sure they are operating properly. This may be contracted out or done by in-house staff.

Project's Impact on Other Departments

None

Expenditures Capital Costs	Prior Years	FY21	FY22	FY23	FYZA	FY25	TOT	TAL
Project Development						1		
Design								
Permitting								
Land/ROW Acquisition								
Construction	50,000	50,000	50,000	50,000	50,000	50,000	2	300,000
Equipment		,	30,000					9
Testing								==
Operating Costs								
On-Going Operations								=
Maintenance	2,000	2,000	2,000	2,000	2,000			10,000
Personnel Costs								
Other (SPECIFY)								
Total Expenditures	\$ 52,000	\$ 52,000	\$ 52,000	\$ 52,000	\$ 52,000	\$ 50,000	\$	310,000
Off-Set Categories	Prior Years	FY21	FY22	FY23	FY24	FY25	TO	TAL
New Revenues	11101 12019	11.2.2	1122	1123	1	1123		-
Other (SPECIFY)								0-
								- 545
Total Off-Sets	\$	\$ =	\$ =	\$ 2,021	\$ =	\$	\$	261
NET COST	\$ 52,000	\$ 52,000	\$ 52,000		\$ 52,000	\$ 50,000	\$	310,000
	~			50,000				
Funding Sources	Prior Years	FY21	FY22	FY23	FY24	FY25	то	TAL
Stormwater Fund	52,000	52,000	52,000	52,000	52,000	50,000		310,000
Total Funding Sources	\$ 52,000							310,000
This section must be	completed for		projects. Plea ted and fully o		revenues and	expenses on	e proje	ect is
			Operational I					
A. Revenues Generated:			B :	Expenses Incui	ned:			
A.I- Revenue #1	2	B.1- Personnel	,	4	B.5- Utilities:			
A.2- Revenue #2		B.2- Debt Serv	ice Costs:		B.6- Materials/	Supplies		
A 3- Revenue #3	2	B.3- Contract S	Services	2,000.00	B.7- Equipmen	t		(a)
A.4- Revenue #4	E.	B.4- Fixed Cos	ts		B.8- Miscellane	eous:		4
Revenue Totals			P	na Tatala (E) 4	(a D a)		1	2,000.00
(A.1 -to- A.4)		1	дхреп	se Totals (B.1	-to- a.a)		4	,000.00



(For Projects / Items Costing Over \$50,000)

DepartmentWater Utilities

Project Duration FY21-22

Life Expectancy

Priority

40 Years

3

Project Title

Increase golf course lakes by 0.5 acres

Project Location

Lake Worth Golf Course at 10-11th Ave N Lake Worth Golf Course at south lake

Project Description/Justification

The project proposes to add retention area to the existing lakes on the golf course to provide greater drainage retention areas from the golf course and resiliency to sea level rise. One at the lake between 10th-11th Ave North and at the southern lake.

Relevant Graphic Details (GIS or photo inserted)

Strategic Goals Relevance/Categorical Criteria

Resiliency

Project's Return on Investment

The golf course will not be flooded and players will be able to play all holes.

FISCAL DETAILS
408-5090-538.63-15

2021

Improvements other than Build

Total Expenditures

None

Project's Impact on Other Departments

This project will assist Leisure Services in providing a greater surface with less chance of closing holes due to flooding.

Expenditures Capital Costs	Prior Years	FY21	FY22	FY23	FY24	FY25		TOTAL
Project Development		T	1			1	T	
Design							1	
Permitting	-						+	-
Land/ROW Acquisition	-							
Construction	-		500,000	500,000				1,000,000
Equipment								
Testing								
Operating Costs								
On-Going Operations							T	-
Maintenance								-
Personnel Costs							T	
Other (SPECIFY)								96
		Tr.						1-0
Total Expenditures	\$ =>	\$ -	\$ 500,000	\$ 500,000	\$ ==	\$ -	\$	1,000,000
Off-Set Categories	Prior Years	FY21	FY22	FY23	FY24	FY25		TOTAL
New Revenues							T	6
Other (Specify)								124
								31
Total Off-Sets	\$	\$ -	\$	\$ -	\$	\$ -	\$.21
NET COST	\$	\$ =	\$ 500,000	\$ 500,000	\$ -	\$ -	\$	1,000,000
Funding Sources	Prior Years	FY21	FY22	FY23	FY24	FY25		TOTAL
Stormwater Fund	865		500,000	500,000	-			1,000,000
Total Funding Sources	\$	s -	\$ 500,000	\$ 500,000		ŝ	5	1,000,000
This section must be		T.	, , , , , , , , , , , , , , , , , , , ,					
			ted and fully o				To p	
		Ne	t Operational I					
A. Revenues Generated:			В.	Expenses Incu	rred.			
∆.1 Revenue #1	-	B.1- Personne	1:		R 5- Utilities			
A.2- Revenue #2	-	B.2- Debt Sen	rice Costs:	5.	B.6- Materials	/Supplies		15
A.3- Revenue #3	-	B.3- Contract (Gervices		B.7 Equipme	nt:		
A.4- Revenue #4	-	B.4- Fixed Cos	sts:	-	B.8- Miscellan	eous:		18.
Revenue Totals (A.1 -to- A.4)								





(For Projects / Items Costing Over \$50,000)

Department Stormwater Project Duration FY20-21 Life Expectancy 30

Priority 2

Project Title

N O Street 2nd Ave N to Lake Exfil Trench

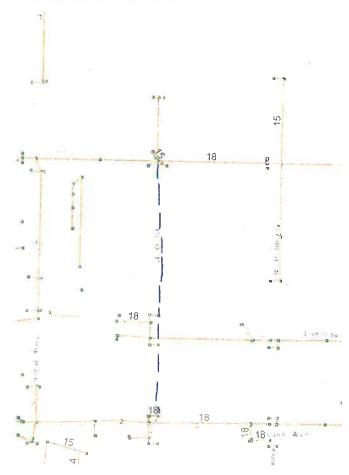
Project Location

N O Street 2nd Ave N to Lake

Project Description/Justification

The 2016 Stormwater Master Plan Verification Tech Memo for District 3 by Kimley-Horn and ADA Engineering recommended exfiltration trench be installed along N O Street from 2nd Ave N to Lake Ave to provide water quality treatment. This exfiltration trench will connect to the existing 18-inch storm drain on Lake Ave, Lucerne Ave and 2nd Ave North.

Relevant Graphic Details (GIS or photo inserted)



Strategic Goals Relevance/Categorical Criteria

Water Quality improvement of stormwater system

Project's Return on Investment

Decreased flooding in the area and staff time for maintenance on the system

FISCAL DETAILS	2021

Account Number	Description	Amount
408-5090-538.63-15	Improve other than Build/Infrastructure	350,000
	Total Expenditures	\$ 350,000

None

Project's Impact on Other Departments

This project will assist Public Services in providing a greater, more resilient base under the roadway.

Ехреnditures Capita! Costs	ŀ	Prior Years		FY21		FY22			FV23		FY24		F725		•	TOTAL
Project Developmen	t	=														E
Design																
Permitting																27
Land/ROW Acquisition	วก														ł	===
Construction				350,000					50,000							400,000
Equipment														_		
Festing	_		<u> </u>					<u> </u>				i				2
Operating Costs																
On-Going Operation	S ====		T			111								===		-
Maintenance	-															-
Personnel Costs																- 3
Other (SPECIFY)																2
																- 5
Total Expenditur	es \$	0.0	\$	350,000	\$		3	\$	50,000	Š	i ệ :	Ś			Ś	400,000
Off-Set Categories		Prior Years		FY21		FY22			FY23		FY24		FY25			TOTAL
New Revenues																
Other (Specify)	_											1				12/
Total Off-Sets	4		_		_		_	_		\$		5			,	31
rotal On-Sets	\$	5	\$	*	\$		200	\$	*	Þ	*	Þ		*	\$	
NET COST	\$		\$	350,000	\$,	\$	50,000	\$		\$		*	\$	400,000
Funding Sources		Prior Years		FY21		FY22			FY23		FY24		FY25			TOTAL
Stormwater Fund		7		350,000			4		50,000		-					400,000
									350,000							
																15
Total Funding Sou			\$	350,000			36	\$	400,000			\$		3	\$	400,000
This section mus	it be cor	mpleted for	all a	pplicable complet						ever	ues and	exp	enses	one	e p	roject is
				Net	Op	eration	ial I	mpa	ct:			2022				
A Revenues Gener	ated:						EL,	Expe	iuani eesm	red						
A.1- Revenue	#1	21	B.1	- Personnel					8	B.5-	Utilities:					=======================================
A.2- Revenue	#2	3/	B.2	- Debt Servi	ice (Costs				B.6-	Materials	/Sup	plies			
A.3- Revenue	#3	(a)	B.3	- Contract S	Servi	ices:			*	B./-	Equipme	nt:				365
71.0 110101100																
A.4- Revenue	#4		B.4	- Fixed Cos	ts:					B 8-	Miscellar	eous	5			74



EF 58

(For Projects / Items Costing Over \$50,000)

Department Stormwater

Project Duration FY23-24

Life Expectancy 20

Priority 3

Project Title

Stormwater Miscellaneous Outfall Repairs

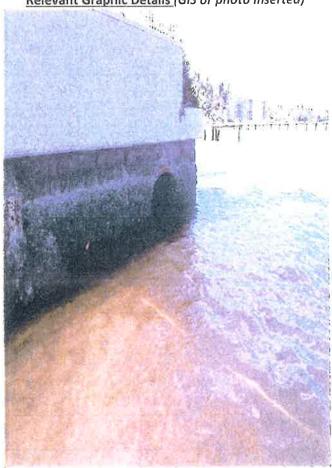
Project Location

Citywide

Project Description/Justification

This project includes miscellaneous repairs and improvements to the 44 stormwater outfalls from the City's stormwater collection system into the Lake Worth Lagoon. The City is pursuing grant opportunities to help fund this project.





Strategic Goals Relevance/Categorical Criteria

Health, Safety, Environment

Project's Return on Investment

Improved drainage system

FISCAL DETAILS	Account Description	2021
428-5090-538-63.15	Improve other than Build	\ E)
	Total Expenditures	\$ 4

None

Project's Impact on Other Departments

No impact on other Departments.

Expenditures	Prior Years	FV2	21		FY22		FV23		FV24		FV25		TOTAL
Capital Costs	4 - 11												
Project Development		-											(*)
Design		1		-									
Permitting		-								-			Te
Land/ROW Acquisition				_									
Construction		-		-	500,000		500,000		500,000		500,000	_	2,000,000
Equipment	-	1		-									-
Testing		L		<u></u>									
Operating Costs													
On-Going Operations													
Maintenance													
Personnel Costs				T									- 2
Other (SPECIFY)													
Total Expenditures	\$	\$		\$	500,000	\$	500,000	\$	500,000	\$	500,000	\$	2,000,000
Off-Set Categories	Prior Years	FY	21		FY22		FY23		FY24		FY25		TOTAL
New Revenues													v
Other (Specify)													2
Total Off-Sets	\$	\$	ä	\$	195	\$	5:	\$	55	\$	(#5	\$:=
NET COST	\$ -	\$		\$	500,000	\$	500,000	\$	500,000	\$	500,000	\$	2,000,000
Funding Sources	_Prior Years	FY:	71		FY22		FY23		FY24		FY25		TOTAL
Potential Grant?					500,000		500,000		500,000	I	500,000	1	2,000,000
7 3 (3) (4) (4)					300,000		300,000		300,000		300,000		2,000,000
Table of the Committee Com				Ļ									
Total Funding Sources	\$ appropriate of Eq.	\$		\$	500,000		500,000		500,000		500,000		2,000,000
This section must be	completed for		mple	ted	and fully o	per	ational.	eve	nues and	ехр	enses ond	ер	roject is
	· · · · · · · · · · · · · · · · · · ·	.,	Ne	t Op	erational li								
A. Revenues Generated:					B 8	Expe	ลาริธร โกรแก	rad.					
A.1- Revenue #1	-	B.1- Per	sonne	ţ			- 20	B.5	- Utilities.				
A.2- Revenue #2	-	B ₂ - Del	ot Serv	rice (Costs:		, ,	B.6	- Materials/S	Supp	olies:		
A.3- Revenue #3	198	B.3- Cor	ntract S	Servi	ces:			B.7	- Equipmen	t			
A.4- Revenue #4		B.4- Fixe	ed Cos	its:			- 4	B.8	- Miscellane	ous	I,		- 2
Revenue Totals (A.1 -to- A.4)	220				Expen	se T	otals (B.1	to- E	3.8)				-



EF 60

(For Projects / Items Costing Over \$50,000)

DepartmentStormwater Utilities

Project Duration FY22

Life Expectancy
40 Years

Priority 1

Project Title

1st Ave South Storm Repairs

Project Location

1st Ave South - S Ocean Breeze to S Golfview Rd

Project Description/Justification

The project proposes to repair by lining or other means the 48-54" RCP storm drainage line from S Ocean Breeze to S Golfview Road as it has had failures and infiltration with potential to cause sinkholes in the roadway.

Relevant Graphic Details (GIS or photo inserted) IN-RCP 15 IN - RCP IN - RCP 15 IN - RCP

Strategic Goals Relevance/Categorical Criteria

Resiliency

Project's Return on Investment

Restore an imperative asset that is in operable condition but needs to be revitalized.

FISCAL DETAILS

2021

428-5090-538.63-15

Project's Impact on Other Departments

N/A

Expenditures Capital Costs	Prior Years	FY21		FY22	Ē	-Y23	FY24		FY25		-	TOTAL
Project Development		2										
Design								-	-			
Permitting												
Land/ROW Acquisition												2
Construction				300,000								300,000
Equipment												
Testing												
Operating Costs												
On Going Operations					1							
Maintenance												
Personnel Costs												200
Other (SPECIFY)												341
												3.
Total Expenditures	\$ -	\$	- \$	300,000	\$	-	\$	- \$		(0)	\$	300,000
Off-Set Categories	Prior Years	FY21		FY22	į	FY23	FY24		FY25			TOTAL
New Revenues	- 11101 1 Cu13	1		1 1 2 2	1	1 1 04.4	7127		1127			TOTAL
Other (Specify)		<u> </u>	-								1	
2 (112) (2 2 3 0 11),												
Total Off-Sets	\$	\$	9 \$	3	\$	3	\$	- \$			\$	7
NET COST	\$	\$:e∉ \$	300,000	\$	-	\$	\$		-	\$	300,000
Funding Sources	Prior Years	FY21		FY22		FY23	FY24		FY25			TOTAL
Stormwater Fund	11101112013	1		300,000	T	1 1 5 - 1,5			1 1 4 5/			300,000
Stoff Water Forta				300,000	1			+			1	300,000
	3											- v
Total Funding Sources	\$	\$	(a) 5	300,000	\$	3	Ş	- \$		-	\$	300,000
This section must be		all applica	able p			t future			penses	one		
		con	plete	d and fully o	perat	ional.						
			Net C	perational I	mpaci	t:						
A. Revenues Generated:				8	ekpen	ises Incur	red					
A.1- Revenue #1	-	B.1- Perso	nnel:			100	B.5- Utilitie:	s:				-
A 2- Revenue #2	-	B.2- Debt	Service	e Costs		123	B.6- Materi	als/Sup	plies			727
A.3- Revenue #3	9	B.3- Contr	act Ser	vices:		100	8.7- Equipr	ment:				1 (*)
A 4- Revenue #4		B.4- Fixed	Costs			E	B.8- Miscel	laneou	S:			1(0)
(A.1 -to- A.4)	-			Exper	ise To	tals (B.1	to- B.8)					8



(For Projects / Items Costing Over \$50,000)

EF 61

Department Stormwater **Project Duration**

Life Expectancy

Priority

FY21-22

20

3

Project Title

16th Avenue North Outfall Repairs

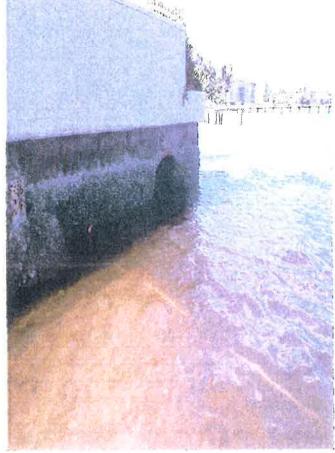
Project Location

16th Avenue North @ Intracoastal

Project Description/Justification

This project includes repair of the failing stormwater outfall that is eroding into the Lake Worth Lagoon. The repair will be assessed what is best suited for the location whether it be a seawall, bulkhead, reinforced shoreline, living shoreline and rehabilitated or replaced pipe. The City is pursuing grant opportunities to fund this project.





Strategic Goals Relevance/Categorical Criteria

Health, Safety, Environment

Project's Return on Investment

Improved drainage system and shoreline stabilization

FISCAL DETAILS	Account Description	2021
428-5090-538-63.15	Improve other than Build	50,000
	Total Expenditures	\$ 50,000

None

Project's Impact on Other Departments

No impact on other Departments.

Expenditures Capital Costs	Prior Years	FY21	FY22	FY23		FYZ4	FY2	5		TOTAL
Project Development				1						
Design		50,000								50,000
Permitting					1					30,000
Land/ROW Acquisition	-				_					
Construction			350,000							350,000
Equipment										70
Testing										
Operating Costs										
On-Going Operations										
Maintenance										
Personnel Costs										a.
Other (SPECIFY)										-
	-									
Total Expenditures	\$	\$ 50,000	\$ 350,000	\$	- \$	*	\$		\$	400,000
Off-Set Categories	Prior Years	FY21	FY22	FY23		FY24	FYZ	5		TOTAL
New Kevenues	-			T			1			. 9 11 12
Other (Specify)										
, , , , , , , , , , , , , , , , , , , ,				1					\vdash	
Total Off-Sets	\$	\$	\$ =	Ś	- \$	*	Ś	100	Ś	
NET COST	\$	\$ 50,000	\$ 350,000	\$	- \$	-	\$		\$	400,000
Funding Sources	Prior Years	FY21	FYZZ	FY23		FY24	FY2	9 5		TOTAL
Potential Grant?	- 1119110910	50,000	350,000			1157	1	-2	1	400,000
v oternal orane.		30,000	330,000				-		-	400,000
					-				+	
Total Funding Sources	\$ -	\$ 50,000	\$ 350,000	Ś	- \$		\$		\$	400,000
This section must be						nues and		es one		
		complet	ted and fully	operational.						
		Net	d Operational							
A. Revenues Generated:			दे	Exponses in	gurred.					
A.1- Revenue #1		B.1- Personnel			B 5-	Utilities:				160
A 2- Revenue #2	-	B.2- Debt Servi	ice Costs:	-	B.6-	Materials/	Supplies			-
A.3- Revenue #3		B.3- Contract S	Services	-	B.7-	Equipmen	it:):e.
A.4- Revenue #4		B.4- Fixed Cost	ts:	-	8.8-	Miscellane	eous:			127
Revenue Totals (A.1 -to- A.4)	-		Ехре							



EF 62

(For Projects / Items Costing Over \$50,000)

Department Stormwater Project Duration FY22

Life Expectancy 20

Priority 3

Project Title

18th Avenue South Outfall

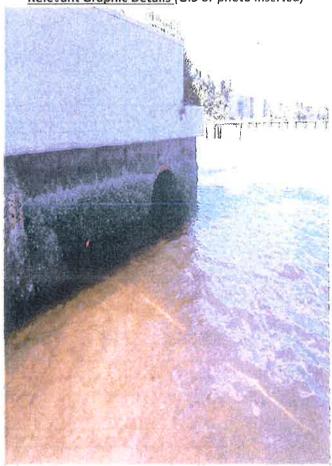
Project Location

18th Avenue South @ Intracoastal

Project Description/Justification

This project includes addition of a 15-inch stormwater main to run parallel to the existing 8-inch stormwater outfall at the eastern end of 18th Avenue South. This project will also include an outfall tidal check valve to prevent water flowing back into the neighborhood during king tides.

Relevant Graphic Details (GIS or photo inserted)



Strategic Goals Relevance/Categorical Criteria

Health, Safety, Environment

Project's Return on Investment

Improved drainage system

FISCAL DETAILS	Account Description	 2021
428-5090-538-63.15	Improve other than Build	 *
	Total Expenditures	\$

None

Project's Impact on Other Departments

No impact on other Departments.

Expenditures	Prior Years	FY21		FY22		FY23	FY:	24		FY25		T	OTAL
Capital Costs													
Project Development													
Design	= =		0										1.5
Permitting													
Land/ROW Acquisition													10
Construction	-	-		150,000									150,000
Equipment													
Testing											J		2
Operating Costs													
On-Going Operations							I						8
ivlaintenance									1				
Personnel Costs			1						1	-	7		
Other (SPECIFY)			1								\rightarrow		
other (or zerri)			1								_		
Total Expenditures	\$ -	\$ -	\$	150,000	\$		\$		\$		-	5	150,000
No Fed Categories	Prior Years	FY21		EV33		EVAA	E.W	· ¬ / /		FY25			IOTAL
Pří-Set Categories New Revenues	Prior fears	F Y Z I	1	FY22		FY23	F 4	24	1	F Y Z 3	-		UTAL
			+		-				+-		-	-	
Other (Specify)			+-		-				-		+		
Total Off-Sets	\$	\$.	\$	<u> </u>	\$	ŝ	\$	•	\$		3	\$	•
NET COST	\$ 0.00	\$ -	\$	150,000	\$		\$	*	\$			\$	150,000
	D 1 W	F11004		F1400		51.00		4.50. 17		5V05			
unding Sources	Prior Years	FY21	_	FY22	_	FY23	F 1	/24	_	FY25		_	TOTAL
Stormwater Fund		-	-	150,000				2	1		-		150,000
													- 10
Total Funding Sources	\$ -	\$ -		150,000	_	¥	\$	-	\$			\$	150,000
This section must be	completed for			ects. Plea and fully o			revenue	es and	lexp	enses	once	pr	oject is
				erational l	_								
A. Revenues Generated:				3 (8	i ki	enses tricu	redi						
A 1- Revenue #1	-	B.1- Personne	el:				B.5- Ut	ilities			I		
A 2- Revenue #2	-	B 2- Debt Ser	vice C	osts		2	B.6- M	aterials	/Sup	olies:			
A.3- Revenue #3		B.3- Contract	Servic	ces:			B.7- Ed	quipme	nt:				
A.4- Revenue #4		B 4- Fixed Co	sts:				1	iscellan		:			
Revenue Totals (A.1 -to- A.4)	Talk			Expen	se	Totals (B.1	-to- B.8)						



EF 63

(For Projects / Items Costing Over \$50,000)

Department

Stormwater Utilities

Project Duration

Life Expectancy

Priority

FY23

20

3

Project Title

Bryant Park Stormwater Improvements

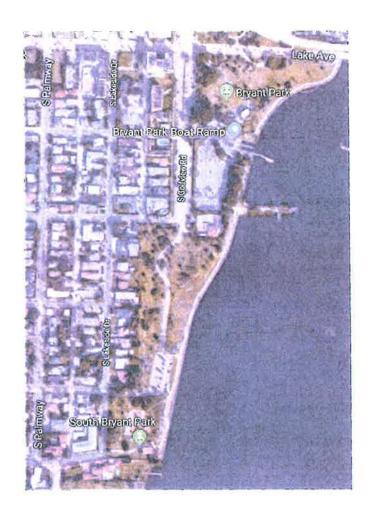
Relevant Graphic Details (GIS or photo inserted)

Project Location

Bryant Park

Project Description/Justification

The project proposes to add stormwater improvements and resiliency to sea level rise at Bryant Park. A study will need to be done to confirm what the improvements will be, whether rentention area, underground rain storage chambers, a pump station with outfall, or other methods. The City is pursuing grant opportunities to help fund this project.



Strategic Goals Relevance/Categorical Criteria

Resiliency

Project's Return on Investment

Greater management of the stormwater system at the park

Total Expenditures

Project's Impact on Other Departments

N/A

Expenditures Capital Costs	Prior Years	FY2:	1		FV22		FY23	FY24		FV25			TOTAL
Project Development		T				1			П				
Design		1		-					+			-	
Permitting	-												
Land/ROW Acquisition				1					-				-
Construction							500000					-	500,000
Equipment		1	-	1		1	300000						300,000
Testing													_8
Operating Costs													
On-Going Operations	-	1		1		1			-		-	-	
Maintenance		1		1		+			-			-	-
Personnel Costs		-		1		+-			+				
Other (SPECIFY)		-	-	1		1			-		_	-	
other (si bell 1)	-	1		1		+			-				
Total Expenditures	\$ -	\$	520	\$		\$	500,000	\$	- \$		4	\$	500,000
OH Sea Seasonia	D.J V	5110	a		E) (0.0		ero am m	T1450 G		51/0-5			
Off-Set Categories New Revenues	Prior Years	FY2	1	T	FY22	1	FY23	FY24	_	FY25			TOTAL
				}		+-			-				15/
Other (Specify)				-		+			-			-	- (+)
Total Off-Sets	\$ -	\$	120	\$		\$		\$	- s		2	Ś	-
				_									
NET COST	\$ -	\$		\$		\$	500,000	Ş	- \$			\$	500,000
Funding Sources	Prior Years	FY2	1.		FY22		FY23	FY24		FY25			TOTAL
Potential Grant?	le:		14		ŵ		500,000		8				500,000
Total Funding Sources	\$ 10	\$	~	\$	-	\$	500,000	\$	- \$		-	\$	500,000
This section must be	completed for							revenues a	nd ex	penses	one	се ра	oject is
		co			and fully						_		
A. Revenues Generated:	T	T	[46]	t Up	erational		act: Onses Incus	red				T	
A 1- Revenue #1	-	B 1- Pers	sonnel	:		T		B 5- Utilities	6:		-	1	(4)
A.2- Revenue #2	-	B 2- Debt Service Costs:				B.6- Materials/Supplies				2.43			
A.3- Revenue #3	141	B.3- Contract Services:				-	B.7- Equipment				İ		
A 4- Revenue #4	-	B 4- Fixed Costs					B 8- Miscellaneous:				1	5.50	
Revenue Totals (A.1 -to- A.4)	-				Exne	nse	Totals (B.1						i g
pin to mil	1	1	_		2100	11-21-0	10000 (01)	5 5,07				1	



EF 64

(For Projects / Items Costing Over \$50,000)

Department Stormwater Project Duration FY22-23

Life Expectancy
40 Years

Priority 3

Project Title

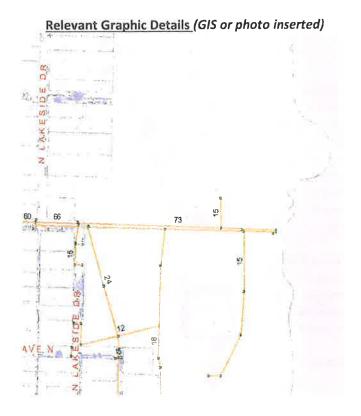
Increase golf course lakes by 0.5 acres

Project Location

Lake Worth Golf Course at 10-11th Ave N Lake Worth Golf Course at south lake

Project Description/Justification

The project proposes to add retention area to the existing lakes on the golf course to provide greater drainage retention areas from the golf course and resiliency to sea level rise. One at the lake between 10th-11th Ave North and at the southern lake. The City is pursuing grant opportunities to help fund this project.



Strategic Goals Relevance/Categorical Criteria

Resiliency

Project's Return on Investment

The golf course will not be flooded and players will be able to play all holes.

FISCAL DETAILS

2021

None

Project's Impact on Other Departments

This project will assist Leisure Services in providing a greater surface with less chance of closing holes due to flooding.

Expenditures Capital Costs	Prior Years	FY21	FY22	FY23	FY24	FY25		TOTAL
Project Development						1	1	
Design		+					+	
Permitting							+	(4)
Land/ROW Acquisition							\top	-
Construction	-		500,000	500,000			ì	1,000,000
Equipment								N.
lesting								
Operating Costs								
Operating Costs	-	1		r		1	1	
On-Going Operations Maintenance			-				+	
Personnel Costs						+	+	
Other (SPECIFY)			 				+	
Other (Second)							-	
Total Expenditures	\$	\$ -	\$ 500,000	\$ 500,000	\$ -	\$ -	\$	1,000,000
D. 81. C C	P 1 11	F1/9-4	ruaa	rvaa	EWD A	FY25		TOTAL
Off-Ser Categorles	Prior Years	FY21	FY22	FY23	FY24	1 7 2 5	1	TOTAL
New Revenues						-	-	
Other (Specify)		1		-			+	
Total Off-Sets	\$	\$ -	\$ =	\$	\$	\$	\$	sal.
NET COST	\$ -	\$ =	\$ 500,000	\$ 500,000	\$	\$	\$	1,000,000
Funding Courses	Prior Years	FY21	FY22	FY23	FY24	FY25		TOTAL
Funding Sources Potential Grant?	Prior rears	1121	500,000	500,000	1124	1123		1,000,000
rotential dianti			300,000	300,000			\top	1,000,000
	\$ -	-					- \$	1,000,000
This section must be	completed for		e projects. Plea eted and fully o		revenues and	expenses o	nce p	oroject is
		Ne	et Operational	mpact:				
A. Rovenues Generated:			8	Expansas Incu	red			
A.1- Revenue #1	-	B.1- Personne			B.5 Utilitios			- 10
A 2- Revenue #2		B.2- Debt Ser	vice Costs:		B.6- Materials/Supplies			
A.3- Revenue #3		B.3- Contract	Services:	1 100	B.7- Equipment:			:
A.4- Revenue #4		B.4 Fixed Co	sts:		B.8- Miscellan			
Revenue Totals								



Capital Improvement Program (CIP) Project Request Form (For Projects / Items Costing Over \$25,000)

EF 60

Department

Solid Waste Division

Project Duration

Life Expectancy

Priority

FY21-25

10

1

Project Title

Relevant Graphic Details (GIS or photo inserted)

Heavy Equipment Truck Replacement - Solid Waste

Project Location

City wide

Project Description/Justification

The Solid Waste and Recycling Division is actively engaged in the collection and disposal of all City trash, garbage, recycling and vegetation. The truck replacement schedule is vital to the optimimum performance of the Division to ensure collection schedules are met on time and every day.



Strategic Goals Relevance/Categorical Criteria

Regulatory & Compliance

Project's Return on Investment

Reduced equipment downtime by 25% and optimum use time on routes

FISCAL DETAILS			2021
410-5081-534-64-30			500,000
		Amount	
	Total Expenditures	\$	500,000

Reduction in truck repair costs and labor time for repairs. As heavy trucks have been replaced in recent years, it has reduced the repair costs by approximately \$25-50k per year.

Project's Impact on Other Departments

Increased efficiency to assist in collection of municipal routes

Expenditures	Prior Years	FY21		FYZZ		FY23		FY24		FY25		TOTAL
Capital Costs												
Project Development												
Design												
Permitting												
Land/ROW Acquisition			ļ									- 30
Construction												2
Equipment		500,000	1_	500,000		500,000		500,000		500,000		2,500,000
lesting			1				_					72
Operating Costs												
On-Going Operations												-
Maintenance		5,000		5,000		5,000		5,000		5,000		25,000
Personnel Costs												90
Other (SPECIFY)												(9)
												90
Total Expenditures	\$ =	\$ 505,000	\$	505,000	\$	505,000	\$	505,000	\$	505,000	\$	2,525,000
Off-Set Categories	Prior Years	FY21		FY22		FY23		FY24		FY25		TOTAL
New Revenues												127
Other (SPECIFY)												16
Total Off-Sets	\$ -	\$	\$	3	\$	5.	\$	1.5	\$	12	\$	
NET COST	\$	\$ 505,000	\$	505,000	\$	505,000	\$	505,000	\$	505,000	\$	2,525,000
Funding Sources	Prior Years	and tool of		p= 1, p = 0, ex)		7349.9		F1/5 4		5-31-0 F		7071
Solid Waste Funds (64-30)		FY21	1	FY22		FY23	-	FY24		FV25	_	TOTAL
		500,000	_	500,000	-	500,000		500,000	_	500,000	-	2,500,000
Solid Waste operating		5,000	-	5,000	-	5,000		5,000	_	5,000	-	25,000
wille Banker			1		_		1_		_		<u>.</u>	
Total Funding Sources	\$	\$ 505,000		505,000		505,000		505,000		505,000	-	2,525,000
This section must be o	completed for			jects. Plea and fully o			reve	nues and	exp	enses ond	e p	roject is
		No	t Op	erational l	mpa	ict:						
A. Revenues Generated:				8.1	Ехр	enses Incui	red					
A.1- Revenue #1		B.1- Personnel: B.5- Utilities:							246			
A.2- Revenue #2		B.2- Debt Service Costs:					8.6- Materials/Supplies					- 10
A:3- Revenue #3	-	B.3- Contract Services					B 7- Equipment:					ik.
A.4- Revenue #4		B.4- Fixed Co	sts				B.8	- Miscellane	ous	:		- 4
Revenue Totals (A.1 -to- A.4)	4			Evnen	20	Totals (8.1	to I	3.81				



Sewer Lift Station - Streets Sanitation - 1880 2nd Ave N.

Adopted in FY2020 \$25,000



Capital Improvement Program (CIP) Project Request Form (For Projects / Items Costing Over \$25,000)

EF 62

DepartmentPublic Works

Project Duration

FY23

Life Expectancy

30

Priority

1

Project Title

1880 2nd Ave North - Roof Replacement Project

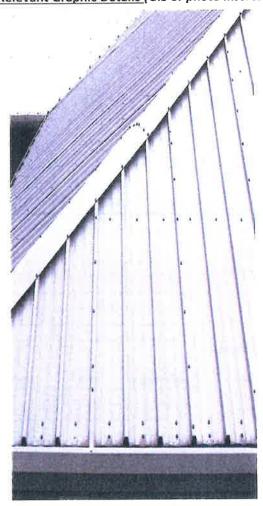
Project Location

1880 2nd Ave North

Project Description/Justification

1880 2nd Avenue North will soon be in need of a new roof. The existing roof will soon be beyond its useful life.

Relevant Graphic Details (GIS or photo inserted)



Strategic Goals Relevance/Categorical Criteria

Regulatory & Compliance

Project's Return on Investment

A facility that does not have exposure to the elements and potential for mold growth.

FISCAL DETAILS

001-5062-519-62-10

2021

Amount

Total Expenditures

\$

-

Reduction in maintenance costs due to reactive responses to leaks and water intrusion. Reduction in staff time to respond to wet interior and cleaning. Reduction in maintenance costs of approximately \$1,500 per year and unforeseen roof repairs of \$25,000 per year if left untreated.

Project's Impact on Other Departments

Refuse and Street operations in a facility that is not exposed to water intrusion and roof leaks.

Expenditures Capital Costs	Prior Years	FY21		FY22		FY23	FY24		FY25			TOTAL
Project Development												-
Design		1										-
Permitting												- × _
Land/ROW Acquisition												
Construction						75,000					_	75,000
Equipment												
Testing		1										14
Operating Costs												
On-Going Operations												:-
Maintenance												7
Personnel Costs												
Other (SPECIFY)												- 2
												- 1
Total Expenditures	\$	\$	- \$		\$	75,000	\$	(m)	\$	(6)	\$	75,000
Off-Set Categories	Prior Years	FY21		FY22		FY23	FY24		FYZ		_	TOTAL
New Revenues			_		_							41
Other (SPECIFY)					_							
	-	<u> </u>			<u> </u>						_	
Total Off-Sets	\$	\$	- \$	_	\$	2,021	\$	2	\$		\$	
NET COST	\$ -	\$	= \$	-	\$	75,000	\$	2	\$	2	\$	75,000
F diag favora	Daine Vees	FV24		EV22		EVO	F3/9/		raya;	-		TOTAL
Funding Sources Facilities Operating	Prior Years	FY21	1	FY22	T	FY23	FY24		FY25)	T	TOTAL
raciities Operating	-					75,000		-+			-	75,000
		-	-		-			-			1	
Total Funding Sources	Š -	Ś	- \$		\$	75.000			\$		\$	75 000
This section must be			*	acte Dias		75,000				0.00		75,000
This section must be	completed for			nd fully o			evenues a	nu e	xpenses	S OIK	e bi	oject is
			Net Ope	erational I							-	
A. Revenues Generated:	-			8,,	Expe	nses incur						
A.1- Revenue #1	-	B.1- Person				15	B.5- Utilitie:					- 31
A 2- Revenue #2		B 2- Debt S				190	B.6- Materi				_	(37)
A.3- Revenue #3	-	D.3- Contra		:03:	-		B.7 Equipr				_	
A 4- Revenue #4		B 4- Fixed	Costs:			16:	B.8- Miscel	laneo	ous			321
Revenue Totals (A.1 -to- A.4)				Expen	se To	otals (8.1 -	to- 8.8)					



Lift Station 12 Replacement

Adopted in FY2020 \$400,000



MPS Bypass Hardening

Adopted in FY2020 \$495,000



Line 36" line by MPS, manhole rehab

Adopted in FY2020 \$25,000



EF 66

(For Projects / Items Costing Over \$50,000)

Department Regional Sewer **Project Duration**

FY20-23

Life Expectancy

Priority

20 years

1

Project Title

Master Pump Station Pump Repair and Rebuild

Project Location

212 S Golfview Ave

Project Description/Justification

The 400 horsepower wastewater pumps at the Master Pump Station that pump wastewater to the East Central Regional Water Reclamation Facility (ECRWRF) were installed in 2007. The pumps are starting to need to be rebuilt and repaired after twelve years of use. There are four of these submersible pumps and the station can only be without one of the pumps to maintain operations, so it is imperative that they be maintained.

Relevant Graphic Details (GIS or photo inserted)



Strategic Goals Relevance/Categorical Criteria

Safety, Environment

Photo credit:

http://www.1057567.ru/catalog.aspx?nid=1485

\$

50,000

Project's Return on Investment

Resiliency and reliability of subregional system

FISCAL DETAILS		2021
Account Number	Description	Amount
406-7490-535.63-15	Improve other than Build/Infrastructure	\$ 50,000

Total Expenditures

A. Revenues Generated:

 $\Lambda.2$

A.4-

Revenue Totals

(A.1 -to- A.4)

A.1- Revenue #1

A.3- Revenue #3

Revenue #2

Revenue #4

This will provide a longer lasting pump station with less downtime due to optimal pump condition:

Project's Impact on Other Departments

None

Expenditures	Prior Years	FY21	FY22		FY23	FY24			FY25		TOTAL
Capital Costs											
Project Nevelopment											
Design											
Permitting											
Land/ROW Acquisition											
Construction											
Equipment	50,000	50,000	50,00	0	50,000						200,000
Testing											2
Operating Costs											
On-Going Operations			1								3
Maintenance				1							
Personnel Costs											- 2
Other (SPECIFY)											
										1	-
Total Expenditures	\$ 50,000	\$ 50,000	\$ 50,00	0 \$	50,000	\$	31	\$		\$	200,000
Off-Set Categories	Prior Years	FY21	FY22		FY23	FY24	l		FY25		TOTAL
New Revenues		1	1				•	Г			
Other (Specify)	"			+				Ī		1	-
(4	-	1									-
Total Off-Sets	\$ -	\$ -	\$	\$	390	\$	œ.	\$	30	\$	3.00
NET COST	\$ 50,000	\$ 50,000	\$ 50,00	0 \$	50,000	\$		\$		Ş	200,000
Funding Sources	Prior Years	FY21	FY22	-	FY23	FY24	1	-	FY25		TOTAL
Regional Sewer Fund	50,000	50,000	50,00	00	50,000		- T-	-		-	200,000
	8-1-10-1										S#S
Total Funding Sources	\$ 50,000	\$ 50,000) \$ 50,00	n \$	50,000	\$	12	\$	Ses	\$	200,000
This section must be	completed for		e projects. Pt			revenues	and	exp	enses on	ce p	roject is

Net Operational Impact:

B.1- Personnel:

B.4- Fixed Costs:

B.2- Debt Service Costs:

B.3- Contract Services:

B. Expenses Incurred:

Expense Totals (B.1 -to- B.8)

B.5- Utilities:

B.7- Equipment:

B 8- Miscellaneous:

B.6- Materials/Supplies:



(For Projects / Items Costing Over \$50,000)

EF 67

Department

Regional Sewer

Project Duration

FY20-22

Life Expectancy

30 years

Priority

1

Project Title

PBC 6th Ave S Bridge FM Utility Adjustments

Project Location

6th Ave S from Grove Street to Congress Ave

Project Description/Justification

Palm Beach County Roadway is designing plans to replace the existing bridge over Lake Osborne on 6th Avenue South from the east side of the bridge all the way to Congress Avenue. The City owns several utilities within this corridor that are found to be in conflict with some of the new bridge and road design and therefore must be relocated. The City bears all relocation costs of its own facilities in this Palm Beach County Right of Way.

Relevant Graphic Details (GIS or photo inserted)

Strategic Goals Relevance/Categorical Criteria

Regulatory & Compliance

Project's Return on Investment

Resiliency and reliability of subregional forcemain

FISCAL DETAILS

2021

Account Number	Description		Amount
406-7490-535.63-15	Improve other than Build/Infrastructure	\$	300,000
	Total Expenditures	Ś	300,000

This will provide a more resilient forcemain with less operating and maintenance required and be clear of the new bridge over Lake Osborne.

Project's Impact on Other Departments

None

Expenditures	Pric	or Years		FY21		FY22		FY23		FY24			FV25		TOTAL
Capital Costs	_														
Project Development															(\$6
Design		21,231													21,231
Permitting															
Land/ROW Acquisition															
Construction		278,770		300,000.00											578,770
Equipment															D:
Testing															
Operating Costs															
On-Going Operations									1						
Maintenance															
Personnel Costs											T				
Other (SPECIFY)											1				-
Total Expenditures	\$	300,000	\$	300,000	\$	(<u>**</u>	\$			\$	1	\$		-	\$ 600,000
Off-Set Categories	O-i	or Years		FY21		FY22		FY23		FY24			FY25		TOTAL
New Revenues	FIR	Ji reais		LIZI		7122		FIZS		FYZ4	1		FYZS		TOTAL
Other (Specify)			-		_		-				+	_		-	-
Other (Specify)	_		-				-			 	-		-	-	
Total Off-Sets	\$	-	\$		\$	(*)	\$			\$ -	-	\$		(4)	\$
NET COST	\$	300,000	\$	300,000	\$	-	\$			\$ 	27	\$		-	\$ 600,000
	Personal	-										-	-		
Funding Sources	Pric	or Years		FY21		FY22		FY23		FY24			FY25		TOTAL
Regional Sewer Fund		300,000		300,000			-				-				600,000
									-77		+				
Total Funding Sources	\$	300,000	\$	300,000	\$		\$		100	\$	* .	\$		-	\$ 600,000

This section must be completed for all applicable projects. Please list future revenues and expenses once project is completed and fully operational.

		Net Operational Im	pact:		
A. Revenues Generated:		B. E.	penses Inc	urred:	
A1- Revenue #1	¥	B. I- Personnel.		B.5- Utilities	- 2
A.2- Revenue #2		B.2- Debt Service Costs:		B.6- Materials/Supplies	
A.3- Revenue #3		B.3- Contract Services	-	B.7- Equipment:	
A.4- Revenue #4	====	B.4- Fixed Costs:		B 8- Miscellaneous:	ş
Revenue Totals (A.1 -to- A.4)	•	Expens	e Totals (B.:	-to- B.8)	-





Capital Improvement Program (CIP) **Project Request Form** (For Projects / Items Costing Over \$50,000)

Department Regional Sewer **Project Duration**

FY21

Life Expectancy 30 years

Priority

2

Project Title

Palm Beach County Pump Station 5229 pump and station repairs

Project Location

151 Haverhill Road, West Palm Beach

Project Description/Justification

The City sends wastewater through Palm Beach County's wastewater system on the way to the East Central Regional Water Reclamation Facility. The City and it's subregional wastewater partners have reserved capacity of 42% in the pipline and pump station systems. As such, the City and these partners are responsible for 42% of costs for repair and maintenance on this system, but PBC will run and manage the project. Pump Station 5229 was recently upgraded, but additional repairs to the pumps are now required. In order to remove the pumps, the building roof must be modified.

Relevant Graphic Details (GIS or photo inserted)



Strategic Goals Relevance/Categorical Criteria

Health, Safety, Environment

Project's Return on Investment

Resiliency and reliability of lift station

FISCAL DETAILS	Description	2021
406-7490-535.63-15	Buildings/Structures & Improvements	\$ 840,000
	Total Expenditures	\$ 840,000

Project's Impact on Other Departments

None

Expenditures	Pr	ior Years		FY20		FY21		FY22		FY23			FY24			TOTAL
Capital Costs																
Project Development																
Design																
Permitting																
Land/ROW Acquisition																
Construction						840,000										840,000
Equipment -			-		_											
Testing																
Operating Costs																
On-Going Operations	-				T											
Maintenance																
Personnel Costs																
Other (SPECIFY)																ly.
																19
Total Expenditures	\$	•	\$	(6)	\$	840,000	\$		8	\$	40	\$		3	\$	840,000
Off-Set Categories	Pr	ior Years		FY20		FY21		FY22		FY23			FY24			TOTAL
New Revenues			Г		Т				T			Г			Г	
Other (Specify)					Т			717	7							- 2
Total Off-Sets	\$		\$	7.	\$	9	\$		-	\$	S	\$		ē	\$	3
NET COST	\$		\$		\$	840,000	\$		4	\$		\$		ě	\$	840,000
											-					
Funding Sources	Pr	ior Years		FY20		FY21		FY22		FY23			FY24			TOTAL
Regional Sewer Fund	_	760	-		-	840,000	-	- 1	4		je .	-		R	-	840,000
	_		\vdash		+		H		+		_	H			-	- Q
Total Funding Sources	\$		\$	•	\$	840,000	\$		9	\$		\$		•	\$	840,000
This section must be	com	pleted for	all	applicable	pro	ojects. Plea	150	list futur	e re	evenues a	nd	exp	enses	ond	e pi	roject is
						and fully o										
				Ne	0	perational I	mp	act:								

Net Operationa	i impact:
----------------	-----------

A Revenues Generated:		E, CX	penses Inci	ared:	
A.1- Revenue #1		B.1- Personnel:	-	B ₄ 5- Utilities:	-
A.2- Revenue #2	- 18	B 2- Debt Service Costs:		B.6- Materials/Supplies	31
A.3- Revenue #3		B.3- Contract Services:	100	B.7- Equipment	
A.4- Revenue #4		B 4- Fixed Costs:	19	B.8- Miscellaneous:	
Revenue Totals (A.1 -to- A.4)	55X	Expense	Totals (B.1	-to- B.8)	*



Capital Improvement Program (CIP) **Project Request Form** (For Projects / Items Costing Over \$50,000)

Department Regional Sewer **Project Duration** FY21

Priority

Life Expectancy 30 years

1

Project Title

ECR Shared Pipeline Assessment

Relevant Graphic Details (GIS or photo inserted)

Project Location

From Master Pump Station to Florida Mango Rd at L10 canal

Project Description/Justification

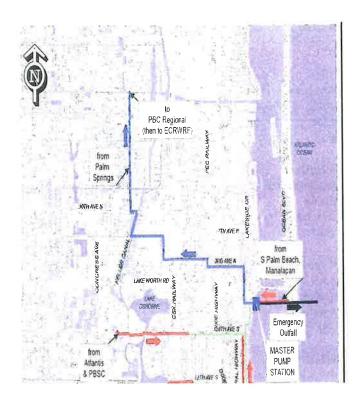
This project has been identified by sewer collection staff as a necessary investigation to assess the condition of the 36-inch forcemain from the MPS to the limits of the regional partners where it becomes Palm Beach County's main on Florida Mango Road. PBC is managing this project. This assessment will include televisation of the 23,000 feet of 36-inch Prestressed Concrete Cylinder Pipe (PCCP) main, review of conditions observed, potential coupon testing, pipe wall thickness testing, among other measures. This project is necessary to check the condition of the approximate 60year old main as hydrogen sulfide is a gas in sewer mains that can eat away at pipe and has potential for pipe breaks and leaks. This is a critical segment of pipe as there are no redundant forcemains and the down time allowed on this main is very minimal 4-6 hours). The condition (approximately last accessment of this forcemain was completed in 2007

Strategic Goals Relevance/Categorical Criteria

Confirm condition of 60-year old pipe for reliability

Project's Return on Investment

Review condition and plan for repairs or improvements before an emergency



500,000

Project's Impact on Other Departments

None

Expenditures Capital Costs	Prior Years	FY21	FYZZ		FYZ3	FY24		FY25		TOTAL
Project Development		1		-		1	1			
Design Development	-			-			-		-	
Permitting				-			-1-		+	
Land/ROW Acquisition				_			-		+	
Construction		500,000		-					+	500,000
Equipment		300,000		-		-			+	300,000
Testing									1	
Operating Costs										
On-Going Operations						1	- 1		\neg	
Maintenance									\dashv	
Personnel Costs									\dashv	-
Other (SPECIFY)	>								\neg	
, ,	***************************************			T					T	
Total Expenditures	\$	\$ 500,000	\$	- \$	- 12	\$	- \$		- \$	500,000
Off-Set Categories	Prior Years	FY21	FY22		FY23	FY24		FY25		TOTAL
New Revenues										
Other (Specify)	0								1	
, , , , , , , , , , , , , , , , , , , ,						İ	\neg		T	(+)
Total Off-Sets	\$	\$ -	\$	± \$:31	\$	÷ \$		- \$	160
NET COST	\$ -	\$ 500,000	\$	- \$	-	\$	\$		÷ \$	500,000
Funding Sources	Prior Years	FY21	FY22		FY23	FY24		FY25		TOTAL
Regional Sewer Fund		500,000		2						500,000
									-	
Total Funding Sources	\$	\$ 500,000	\$	- \$	12.	\$	- \$		- 5	500,000
This position much be	a a manufactural for w	all amplicatels	nuninata I	31	Link Sudana		- al a			
This section must be	completed for		projects. I ted and ful			revenues a	na exp	enses o	nce	projectis
		Ne	t Operation	al Imp	pact:					
A. Revenues Generated:				8. Ex	enses incu	(γ÷ε≀3)				
A.1- Revenue #1	-	B.1- Personnel			5	B 5- Utilities				- 350
A.2- Revenue #2		B.2- Debt Serv	ice Costs:			B.6- Materia	als/Sup	plies		- 20
A.3- Revenue #3		B.3- Contract S	Services:			B.7- Equipr	nent:_			(+)
A.4- Revenue #4		B.4- Fixed Cos	ts:			B.8- Miscel	laneous	S:		
Revenue Totals (A.1 -to- A.4)			Ex	pense	Totals (B.1	-to- B.8)				



(For Projects / Items Costing Over \$50,000)

Department Regional Sewer **Project Duration**

Life Expectancy

Priority

EF 70

FY22

30

2

Project Title

15th Avenue South & South B St Lining

Project Location

15th Avenue South from S B St to RR tracks S B St from 12th Ave South to 15th Ave S

Project Description/Justification

The existing 18- to 20-inch vitrified clay gravity sanitary main that runs along S B St between 12th to 15th Avenues South, and along 15th Avenue South from S B St to the railroad tracks is an older portion of the subregional wastewater collection system and one of the few that has not been lined. The City desires to line this gravity sewer main to provide renewed structural integrity and decrease the likelihood of pipe failure. In FY2020 the City conducted CCTV inspection of the line on S B St to review the condition and found it was not collapsed in any areas, but has not inspected the portion along 15th Avenue South.

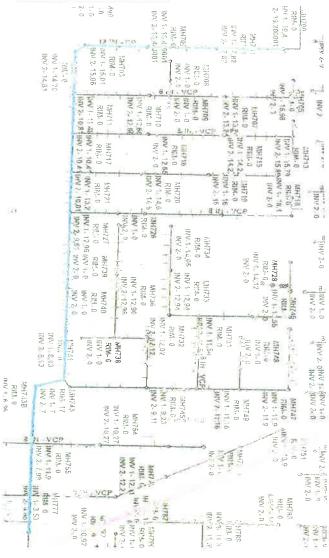
Strategic Goals Relevance/Categorical Criteria

Resilience of subregional sewer system

Project's Return on Investment

Less chance of catastrophic failure

Relevant Graphic Details (GIS or photo inserted)



FISCAL DETAILS

2021

Account Number	Description	Amount
406-7490-535.63-15	Improve other than Build/Infrastructure	排
	Total Expenditures	\$ <u>₩</u>

None

Project's Impact on Other Departments

This project will assist the department in providing a more reliable pipe and less chance of road sinkholes and failures.

Expenditures	Prior Yea	ìrs	Diagram of the state of the sta	FY21			FY22		FY23		FY24			FY25		1	TOTAL
Capital Costs										,						1	
Project Development	-	-								-			_				
Design	-											-					
Permitting					_	_				-			_				
Land/ROW Acquisition		_			_					-					_		*
Construction		-		_		_	360,000			-			_				360,000
Equipment		_	-			-			-	-			-			_	
Testing						_				1							
Operating Costs																	
On-Going Operations																	- 4
Maintenance																	3
Personnel Costs																	(A)
Other (SPECIFY)																	127
	,																150
Total Expenditures	\$:::	\$		582	\$	360,000	Ş		\$		-	\$		5.0	\$	360,000
Off-Set Categories	Prior Yea	17S		FY21		v:	FY22	is	FY23	3	FY24		,	FY25			TOTAL
New Revenues		_								_							
Other (Specify)		_								1							-
																	- 15
Total Off-Sets	\$	**	\$		(30)	\$	341.	\$	2	\$		ē	\$		3.	\$	-
NET COST	\$		\$		-	\$	360,000	\$		\$	-		\$		-	\$	360,000
Funding Sources	Prior Yea	7 20		FY21			FY22		FY23		FY24			FY25			TOTAL
Regional Sewer Fund	riioi iea	313		_	00	1	360,000	1	F123		F1Z4	_	1	FIZJ			360,000
Regional Sewer Fond	-	-	_	-	_	-	300,000	-		+		-	1			+-	300,000
														100			-
Total Funding Sources	\$	-	\$			\$	360,000	\$		\$		-	\$		7	\$	360,000
This section must be	completed	for a	all ap	plica	ble	pro			ist future	reve	nues a	and	ехр	enses	one	ce pr	oject is
				CHA	nlai	led	and fully o	per	ational								
							erational I										
A. Revenues Generated:							erational I	mpa		ม yad					-		
A 1- Revenue #1		-		Perso	Net	Ор	erational I ଞ	mpa	ict:	B.5	: - Utilitie						÷
A 1- Revenue #1 A 2- Revenue #2		-			Net	Ор	erational I ଞ	mpa	i ct: enses int	B.5	: 5- Utilitie 6- Mater		Supp	olies:			-
A 1- Revenue #1		-	B.2-	Perso	Net nnel Serv	Op	erational I	mpa	i ct: enses Aus =	B.5		ials/		olies:			
A 1- Revenue #1 A 2- Revenue #2		-	B.2- B.3-	Persoi Debt S	nnel Serv	ice C	erational I	mpa	oct: enses inc	B.5 B.6 B.7	- Mater	ials/ mer	ıt:				



EF 71

(For Projects / Items Costing Over \$50,000)

Department Regional Sewer Project Duration FY22-24

40 years

Priority 2

Project Title

ICW Crossing Forcemain Replacement

Project Location

Intracoastal Waterway & Lake Ave

Project Description/Justification

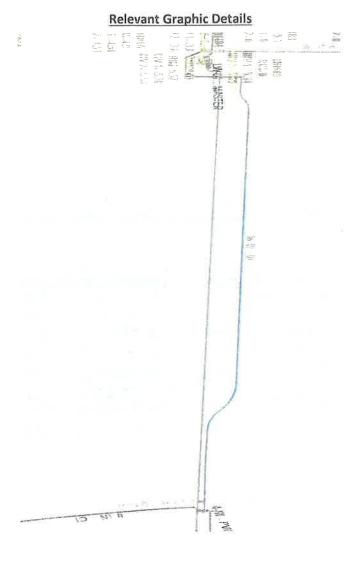
The existing 16-inch forcemain that crosses the Intracoastal waterway by the Lake Worth Beach Casino over to the Master Pump Station was constructed in 1979 and is beyond its useful life. It is a submerged main that transmits wastewater from the Lake Worth Beach Casino, the Town of South Palm Beach and the Town of Manalapan. The main is exposed by the Casino due to shoreline and channel erosion, making it prone to break and less secure. The new forcemain will be installed via horizontal directional drill and in a similar location to be able to tie in to existing facilities and keep the old line in service until the new main is ready.

Strategic Goals Relevance/Categorical Criteria

Health, Safety, Environment

Project's Return on Investment

Resiliency and reliability of system



FISCAL DETAILS			2021
Account Number	Description		Amount
406-7490-535.63-15	Improve Other than Build / Infrastructure	\$	(<u>#</u>
	Total Expenditures	Ś	0 = :

Project's impact on Other Departments

None

Expenditures Capital Costs	Prior Years	FY21		FY22		FY23		FY24		FY25		TOTAL
Project Development	\$	\$	1\$		Ś		\$	-1	\$		\$	
Design		7	Ť	100,000	7		7		7		1	100,000
Permitting											1	
Land/ROW Acquisition									_	-	1	
Construction				9		750,000						750,000
Equipment	-					-						
Testing	-					-		-				
Operating Costs												
On-Going Operations				-				m()			T	
Maintenance						-		v .			1	
Personnel Costs				- 1		-				-	Т	
Other (SPECIFY)						-				1.00		
Total Expenditures	\$ -	\$	\$	100,000	\$	750,000	\$		\$		\$	850,000
Off-Set Categories	Prior Years	FY21		FY22		FV23		FY24		FY25		TOTAL
New Revenues	Ś	\$	\$	1 1 60 2-	\$	1123	\$	112-4	\$	1123	\$	TOTAL
Other (Specify)	-	1	Ť		7		Ť	_	, , , , , , , , , , , , , , , , , , ,		1	
77		ļ .		-		*						-
Total Off-Sets	\$ -	\$	\$	-	\$	-	\$		\$		\$	-
NET COST	\$	\$	\$	100,000	\$	750,000	\$		\$		\$	850,000
Funding Sources	Prior Years	FY21	,	FY22	·	FY23	_	FY24		FY25	-	TOTAL
Regional Sewer Fund	\$	\$	\$	100,000	\$	750,000	\$		\$		\$	850,000
			4	-		-		3			1	
		1		(%)		-						
Total Funding Sources	\$ -	\$	\$	100,000		750,000			\$		\$	850,000

This section must be completed for all applicable projects. Please list future revenues and expenses once project is completed and fully operational.

		Net Operational Im	pact:		
A. Revenues Generated:		6. (5)	penses inci	irradi	
A.1- Revenue #1		B.1- Personnel:)#C	B.5- Utilities	365
A.2- Revenue #2		B.2- Debt Service Costs	i i	B 6- Materials/Supplies	12
A.3- Revenue #3		B.3- Contract Services:		B.7- Equipment:	
A 4- Revenue #4	-	B 4- Fixed Costs:		B.8- Miscellaneous:)#:
Revenue Totals (A.1 -to- A.4)	3	Expense	e Totals (B.1	-io- 8 3)	\$ ·*



EF 72

(For Projects / Items Costing Over \$25,000)

Department Regional Sewer **Project Duration**

Life Expectancy

Priority

FY21-22

30 years

1

Project Title

Lining of 36-inch collecter upstream of MPS

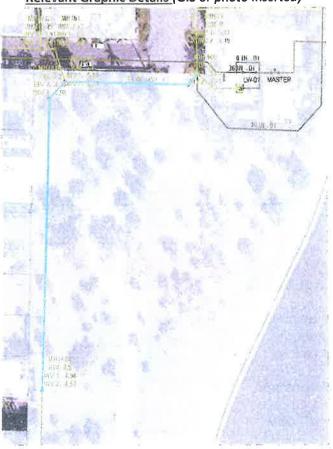
Project Location

212 S Golfview Rd

Project Description/Justification

The 36-inch gravity sewer Interceptor #2 into the Master Pump Station from Bryant Park to the south has recently had many backups and clogs. The line needs to be cleaned and lined in order to maintain a functionable system.

Relevant Graphic Details (GIS or photo inserted)



Strategic Goals Relevance/Categorical Criteria

Safety, Environment

Project's Return on Investment

Resiliency and reliability of subregional sewer collection system

FISCAL DETAILS

2021

Account Number	Description	Amount				
406-7490-535.63-15	Improve other than Build/Infrastructure	\$ 250,000				
	Total Expenditures	\$ 250,000				

Lining this pipe will cause less blockages and backups

Project's Impact on Other Departments

None

Expenditures	Prior Years		FY21		FY22			FY23			FY24			FY25		*	OTAL
Capital Costs Project Development		1			_					-		_					
Design Project Development		+-				=			-	-		-			-		
Permitting		+		-		-	_		-	_		+			_		
Land/ROW Acquisition				1					_	-		-					
Construction		1	250,000				-		-	-		+			-		250,000
Equipment		1	230,000														230,000
Testing																	
Operating Costs																	
On-Going Operations																	
Maintenance									-								
Personnel Costs		1										1					5#5
Other (SPECIFY)																	125
																	151
Total Expenditures	\$	\$	250,000	\$			\$		z.	\$		•	\$		ē.	\$	250,000
Off-Set Categories	Prior Years		FY21		FY22			EA53			EA54			FY25			TOTAL
New Revenues																	
Other (Specify)																	E
Total Off-Sets	\$ -	\$		\$		50	\$		-	\$		*	\$		=	\$	=
NET COST	\$ -	\$	250,000	\$			\$			\$			\$			ş	250,000
Funding Sources	Prior Years		FY21		FY22			FY23			FY24			FY25			TOTAL
Regional Sewer Fund			250,000						-								250,000
						_							-				
Total Funding Sources	Ś	5	250,000				Š			\$. 1	\$			\$	250,000

This section must be completed for all applicable projects. Please list future revenues and expenses once project is completed and fully operational.

		Net Operational Im	oact:		
A. Revenues Generated:		5. £x			
A 1- Revenue #1		B_1- Personnel:		B.5- Utilities:	
A.2- Revenue #2	-	B.2- Debt Service Costs.		B.6- Materials/Supplies:	
A.3- Revenue #3		B.3- Contract Services:		B.7- Equipment:	
A.4- Revenue #4	4	B.4- Fixed Costs	2	B.8- Miscellaneous	
Revenue Totals (A.1 -to- A.4)	3	Expense	Totals (B.1	-to- B.8)	-



(For Projects / Items Costing Over \$50,000)

EF 73

Department

Regional Sewer

Project Duration

FY20-22

Life Expectancy

30 years

Priority

1

Project Title

PBC Florida Mango Road ARV Relocation

Project Location

Florida Mango Road

Project Description/Justification

Palm Beach County Roadway is designing plans to revise Florida Mango Road between 10th Avenue North and Forest Hill Blvd. The City owns a subregional forcemain with air release valves within this corridor that are found to be in conflict with some of the new road and stormwater design and therefore must be relocated. The City bears all relocation costs of its own facilities in this Palm Beach County Right of Way.

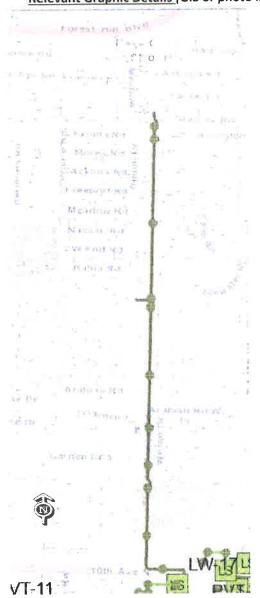
Strategic Goals Relevance/Categorical Criteria

Regulatory & Compliance

Project's Return on Investment

Resiliency and reliability of subregional forcemain

Relevant Graphic Details (GIS or photo inserted)



FISCAL DETAILS

2021

Account Number	Description	Amount					
406-7490-535.63-15	Improve other than Build/Infrastructure	\$	023				

None

Project's Impact on Other Departments

None

Expenditures	Prior Years	5	FY21		FY22		FY23		FY24		FY25		TOTAL
Capital Costs													
Project Development													
Design	2,50	0											2,500
Permitting													120
Land/ROW Acquisition													. 4
Construction					200,000								200,000
Equipment													
Testing													
Operating Costs													
On-Going Operations		T		1						T		T	
Maintenance		+		+				-1		+		\vdash	
Personnel Costs		+	-	+		-		-		+		1	
Other (SPECIFY)													15
Total Expenditures	\$ 2,50	0 \$	l*	\$	200,000	\$	Ē	- \$	*	\$	*	\$	202,500
Off-Set Categories	Prior Years	5	FY21		FY22		FY23		FY24		FY25		TOTAL
New Revenues												1	**
Other (Specify)													2
				1									
Total Off-Sets	\$ -	\$		\$		\$		- \$		\$	9.	\$	*
NET COST	\$ 2,50	0 \$		\$	200,000	\$	-	- \$		\$	- 2	\$	202,500
										-0100380			
Funding Sources	Prior Years	S	FY21		FY22		FY23		FY24		FY25		TOTAL
Regional Sewer Fund	2,50	0		-	200,000			-	-	1			202, 500
								1					
Total Funding Sources	\$ 2,50	0 \$		\$	200,000	4		\$	_	\$		\$	202,500

This section must be completed for all applicable projects. Please list future revenues and expenses once project is completed and fully operational.

		Net Operational Im	pact:		
A. Revenues Generated:		B. Ex			
A.1- Revenue #1		B.1- Personnel		B.5- Utilities	-
A.2- Revenue #2	1.5	B.2- Debt Service Costs:	3	B 6- Materials/Supplies	5
A.3- Revenue #3	154	B.3- Contract Services:		B.7- Equipment:	
A 4- Revenue #4	565	B.4- Fixed Costs:		B 8- Miscellaneous:	
Revenue Totals (A.1 -to- A.4)	741	Expense	Totals (B.1	-to- В.8)	



Public Works and Fleet Maintenance Facility

Adopted in FY2020 \$3,000,000



EF 1

(For Projects / Items Costing Over \$50,000)

Department

Road/Street Improvement

Project Duration

Life Expectancy

Priority

FY19-21

30

1

1,950,000

Project Title

Park of Commerce - Phase 2

Relevant Graphic Details

Project Location

Boutwell Road from Lake Worth Road to 10th Ave N

Project Description/Justification

Phase 1A was completed in FY20. Phase 1B is currently under construction in FY20-21. Phase 2 includes water, sewer, stormwater, electric, and roadway work along 7th and 4th Aves North and Boutwell Road from Joyce Ave to Lake Worth Road. The road portion of work includes landscape islands along Boutwell Road and roadway, curb, gutter and sidewalk along all sections. This work is partially funded by an FDOT Local Agency Program (LAP) grant.

Strategic Goals Relevance/Categorical Criteria

Regulatory & Compliance

Project's Return on Investment

A value added asset to the corridor for new business.

FISCAL DETAILS		 2021
Account Number	Discription Park of Commerce Road/Street Improvement	Amount
304-5020-541.63-15	Park of Commerce Road/Street Improvement	\$ 1,950,00

Total Expenditures

This project is not expected to have any major impacts to operating costs.

Project's Impact on Other Departments

This project includes work for the Electric, Water, Sewer, Stormwater, and Public Works Departments and is a collaborative effort.

Expenditures	Prior Years		FY21		FY22		FY23		FY24		FY25		TOTAL
Capital Costs Project Development	\$	\$		Ś		\$	I/	\$		\$		5	
Design		17		۲		۲		'n		Ş		1.9	
Permitting	-	\vdash		-								+	
Land/ROW Acquisition		+				H						+	
Construction			1,950,000	\vdash		-						+	1,950,000
Equipment	-	+	1,550,000	-								+	1,530,000
Testing					-		-						
Operating Costs													
On-Going Operations	-	Т				_		_	-			T	
Maintenance	***************************************					H		_		_		+	
Personnel Costs	***					H						+	
Other (SPECIFY)	-				20	\vdash						+	
ţ	-	-						_	2)			+	
Total Expenditures	\$	\$	1,950,000	\$		\$		\$	W	\$		\$	1,950,000
Off-Set Categories	Prior Years		FY21		FY22		FY23		FY24		FY25		TOTAL
New Revenues	\$ -	\$		S		\$		\$		\$	1123		
Other (SPECIFY)	-			Ť		Ť		7		7		+	
	-		-			i			-			t	
Total Off-Sets	\$	\$		\$	*	\$		\$		\$			
NET COST	\$ -	\$	1,950,000	\$	+	\$		\$		\$			1,950,000
Funding Sources	Prior Years		FY21		FY22		FY23		FY24		FY25		TOTAL
Sales Tax Fund	\$	\$	308,000	\$		\$		\$		\$,	Ĭ	308,000
TPA/LAP Grant			1,402,000				-		-				1,402,000
Road/Street Fund			240,000		*		-		3				240,000
Total Funding Sources	\$ -	\$	1,950,000	\$		\$		\$		\$			1,950,000
This section must be co completed and fully ope		Тар	plicable pr	oje	cts. Please	li	st future rev	eni	ies and ex	per	ises once	рі	oject is
			Net	Or	erational li	m	pact:					-	
A. Revenues Generated:	1					_	pensas nou	72(1)				T	
A.1- Revenue #1		B.1	I - Personnel			Г		B.5	- Utilities:			Ť	
A.2- Revenue #2	-	B.2	2- Debt Servi	ice (Costs:	T	-	B.6	- Materials/S	que	olies	İ	-
A.3- Revenue #3		В.3	3- Contract S	erv	ces:			B 7- Equipment:				1	
A.4- Revenue #4	-	B.4	- Fixed Cos	ts		T			- Miscellane		:		
Revenue Totals (A.1 -to- A.4)					Expen	50	Totals (8.1 -	0 - 8	3.3}			1	\$ -



EF 2

(For Projects / Items Costing Over \$50,000)

Department

Road/Street Improvement

Project Duration

Life Expectancy

Priority

FY19-21

30

1

Project Title

Park of Commerce - Pháse 1B

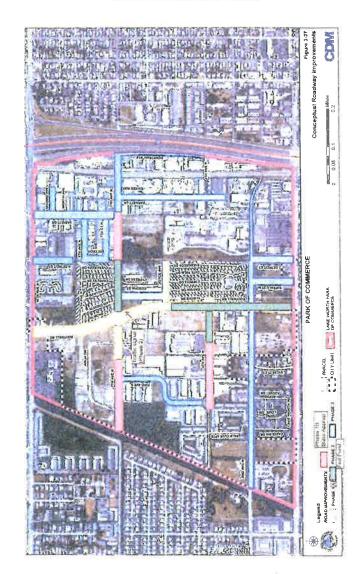
Relevant Graphic Details

Project Location

Boutwell Road from Lake Worth Road to 10th Ave N

Project Description/Justification

Phase 1A was completed in FY20. Phase 1B is currently under construction in FY20-21. Phase 1B includes water, stormwater, and roadway work along 7th and 4th Aves North. The roadway portion of work includes new curb, gutter, sidewalk, roadway, striping, signage along 4th and 7th Avenues North. This work is funded by a state appropriation managed by FDOT.



Strategic Goals Relevance/Categorical Criteria

Regulatory & Compliance

Project's Return on Investment

A value added asset to the corridor for new business.

FISCAL DETAILS	2021

Account Number	Discription	Amount			
304-5020-541.63-15	Park of Commerce Road/Street Improvement	\$	788,225		
	Total Expenditures	\$	788,225		

This project is not expected to have any major impacts to operating costs.

Project's Impact on Other Departments

This project includes work for the Water, Stormwater, and Public Works Departments and is a collaborative effort.

Expenditures Capital Costs	Prior Years	FY21	FY22		FY23	FY24	FY	25	T	OTAL
Project Development	\$ -	\$ -	\$	- \$	-	\$	\$		s	
Design	-	-		-			1			
Permitting					-		1			
Land/ROW Acquisition										-
Construction		788,225			- 01					788,225
Equipment	-				343	29	- 3	SVC		- 5
Testing	- 5			-				(4)		4
Operating Costs										
On-Going Operations		2						-		- 4
Maintenance				-	-					
Personnel Costs	-	-		-		13				
Other (SPECIFY)				-	5.5	11	-	: 2:		3
				-			-			543
Total Expenditures	\$ -	\$ 788,225	\$	= \$	982	\$. \$	500	\$	788,225
Off-Set Categories	Prior Years	FY21	FY22		FY23	FY24	FY	25		TOTAL
New Revenues	\$	\$	\$	= \$		Ś	- \$		\$	
Other (SPECIFY)		-		-	1		2	2/		1.0
	2									-
Total Off-Sets	\$ -	\$ -	\$	- \$	-	\$	- \$	-	\$	14
NET COST	\$ -	\$ 788,225	\$	- \$		\$	- \$	2	\$	788,225
Funding Sources	Prior Years	FY21	FY22		FY23	FY24	ĘV	25	,	TOTAL
State Grant	\$	\$ 788,225	\$	\$		I .	s	a_ c/		788,225
State Grant			 			7	7		-	700,223
							3			
Total Funding Sources	\$ -	\$ 788,225		- \$		\$	- \$		5	788,225
This section must be co								OTICAL		
completed and fully ope						renues gnu e	- Apellaca	Once	J1 0 j c	
		Ne	t Operationa							
A. Revenues Generated:		4		- 633	พิกราร Lieu					
A.1- Revenue #1						B.5- Utilities:				
A.2- Revenue #2		B.2- Debt Serv		4		B ₋ 6- Materials		:		
A.3- Revenue #3		B.3- Contract S		1		B.7- Equipme				-
A.4- Revenue #4	-	B.4- Fixed Cos	its:		2	B ₋ 8- Miscella	neous			
Revenue Totals (A.1 -to- A.4)			Екр	ense	Totals (B.1	to- B.8)			69	8





Capital Improvement Program (CIP) Project Request Form (For Projects / Items Costing Over \$25,000)

Department

Project Duration

Life Expectancy

Priority

Roadway

FY 21-22

30

1

Project Title

Park of Commerce - Phase 2

Project Location

Boutwell Road from Lake Worth Road to 10th Ave N

Project Description/Justification

Phase 1A is currently under construction over FY2018 and FY2019. Phase 2 includes work water, stormwater, and roadway work along 7th and 4th Aves North. The roadway portion of work includes new typical sections, curb, gutter and sidewalk pathways. Also includes extension of 3-lane road design for 7th Ave N west of Boutwell from Phase 1A limits ending at Keller Canal in a cul-de-sac. Approximately 3,200 linear feet of new roadway impacted. The City received \$3,000,000 of appropriation funding for this project.

Relevant Graphic Details (GIS or photo inserted)



Strategic Goals Relevance/Categorical Criteria

Regulatory & Compliance

Project's Return on Investment

A value added asset to the corridor for new business. Attractive roadway project to stimulate invenstment and development.

FISCAL DETAILS		2021
Sales Tax	Roadway	307,598
POC Grant Fund	Grant	1,401,037
	Total Expenditures	\$ 1,708,635

This project is not expected to have any major impacts to operating costs. All operating costs will remain the same and be incorporated into existing budgets for Grounds maintenance and street sweeping.

Project's Impact on Other Departments

This project includes work for the Water, Sewer, Stormwater, Flectric and Public Services Departments and is a collaborative effort.

Expenditures Capital Costs	Prior Years	FY21	FY22	FY23	į	FY24	FY25		TOTAL
Project Development			T			T		T	
Design									
Permitting						İ		1	- 2
Land/ROW Acquisition								1	
Construction		1,708,635	1					1	1,708,535
Equipment								1	
Testing								1	
~		1		-1					
Operating Costs									
On-Going Operations								1	- 11
Maintenance									-
Personnel Costs									- 6
Other (SPECIFY)									
									-
Total Expenditures	\$	\$ 1,708,635	\$ -	\$	- \$	2	\$ =	\$	1,708,635
Off-Set Categories	Prior Years	FY21	FY22	FY23		FY24	FY25		TOTAL
New Revenues		1,401,037							1,401,037
Other (SPECIFY)-Grant									
				1					У.
Total Off-Sets	\$	\$ 1,401,037	\$	\$	= \$	8 9	\$	\$	1,401,037
NET COST	\$	\$ 307,598	\$ -	\$	÷ \$	*	\$	\$	307,598
- " -	20000000								
Funding Sources	Prior Years	FY21	FY22	FY23		FY24	FY25	-	TOTAL
Sales tax		307,598			_			+	
Grant Fund		1,401,037			_			\perp	
		1						_	
Total Funding Sources	\$ sampleted for	\$ 1,708,635		\$. \$		\$ =		nala at in
This section must be	completed for		ted and fully			lues and e	xpenses on	ce p	roject is
			t Operational		14			***	
A. Revenues Generated:	r	T		Excenses h	ne ureas			T	
A 1- Revenue #1	 	B 1- Personne		T		Utilities:		+	
A.2- Revenue #2		B.2- Debt Serv		+		Materials/Si	unnling	+-	
A.3- Revenue #3		B.3- Contract				Equipment:	applica	+	
A 4- Revenue #4		B.4- Fixed Cos				Miscellaneo	nis.	+	
Revenue Totals		D.4 TINEG COS	3,0		10.0-	wilacellatiec	us.		
(A.1 -to- A.4)	-		Expe	ense Totals (i	B.1 -to- B.	8}			



EF4

(For Projects / Items Costing Over \$50,000)

Department Electric Project Duration FY19-21

Life Expectancy

Priority

30

1

Project Title

Park of Commerce - Phase 2

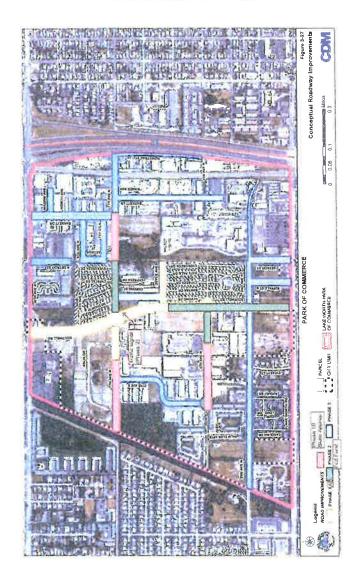
Relevant Graphic Details

Project Location

Boutwell Road from Lake Worth Road to 10th Ave N

Project Description/Justification

Phase 1A was completed in FY20. Phase 1B is currently under construction in FY20-21. Phase 2 includes water, sewer, stormwater, electric, and roadway work along 7th and 4th Aves North and Boutwell Road from Joyce Ave to Lake Worth Road. The electric portion of work includes street lighting along the Boutwell Road portion to continue the street lighting that was added in Phase 1A. This work is funded by an FDOT Local Agency Program (LAP) grant.



Strategic Goals Relevance/Categorical Criteria

Regulatory & Compliance

Project's Return on Investment

A value added asset to the corridor for new business.

FISCAL DETAILS			2021		
Account Number	Discription	Amount			
304-6034-533.63-15	Park of Commerce Electric	\$	379,000		
	Total Expenditures	\$	379,000		

This project is not expected to have any major impacts to operating costs.

Project's Impact on Other Departments

This project includes work for the Electric, Water, Sewer, Stormwater, and Public Works Departments and is a collaborative effort.

Expenditures	Prior Years		FV21		FY22		FY23	FY24		FY25		TOTAL
Capital Costs												
Project Development	\$ -	\$:0	\$		\$	-	\$	\$		- \$	
Design			540			1						
Permitting			140) -		(4)		-1		-	2
Land/ROW Acquisition			5#0		24		-				2	- 1
Construction			379,000				-					379,000
Equipment			- 1									= -
Testing												- 72
Operating Costs												
On-Going Operations			-			-			4		- 1	-
Maintenance		1									-	
Personnel Costs			-				-		1			
Other (SPECIFY)	-					1			4			
				_		-						
Total Expenditures	\$ -	\$	379,000	\$		\$	(4)	\$	- \$		- \$	379,000
Off-Set Categories	Prior Years		FY21		FY22		FV23	FY24		FY25		TOTAL
New Revenues	\$	5	-	\$		- \$		\$	- \$		- \$	TOTAL
Other (SPECIFY)		Ť	-	-		1	-	Y				
o t (o. 20)									-		+	
Total Off-Sets	\$ -	\$		\$	13	- \$		\$	- \$		- \$	120
NET COST	\$	\$	379,000	\$		- \$	1*1	\$			\$	379,000
Funding Sources	Prior Years		FY21		FY22		FY23	FY24		FY25		TOTAL
Electric Fund	\$	\$	61,000	\$		- \$		\$. \$		-	61,000
TPA/LAP Grant			318,000				18.		ж.		-	318,000
												-
Total Funding Sources	\$	\$	379,000	\$		\$	ls.	\$. \$		- Ş	379,000
This section must be co	mpleted for all	app	olicable pr	ojec	ts. Pleas	e li	st future rev	enues and	ехре	enses onc	e pro	ject is
completed and fully ope											_	
			Net	Op	erational	Imp	act:					
A. Revenues Generated:					13	Ex	namaters Impair	(a()				
A.1- Revenue #1		B.1	- Personnel:			1	140	B.5- Utilities	-			
A.2- Revenue #2		B.2	- Debt Servi	ce C	Costs:		7	B.6- Materia	ls/Su	pplies	T	Ta'
A.3- Revenue #3	-	В,3	- Contract S	ervi	ces	T	G.	B 7- Equipm				
A.4- Revenue #4		B.4	- Fixed Cost	ts:		1		B ₈ - Miscella		JS:		
Revenue Totals						-					1	
(A.1 -to- A.4)		1			Expe	1150	Totals (9.1 -	to-8.8)			\$	(*)



EF 5

(For Projects / Items Costing Over \$50,000)

Department

Project Duration

Life Expectancy

Priority

Electric

FY19-21

20

1

Project Title

Park of Commerce - Phase 2

Relevant Graphic Details (GIS or photo inserted)

Project Location

7th Ave. N. & 4th Ave. N., Boutwell Rd. from Joyce to Lake Worth Rd.

Project Description/Justification

Phase 2 will be completed during FY2020/21 and includes water, sewer, stormwater, electric and roadway work along 7th and 4th Ave North and Boutwell Road from Joyce to Lake Worth Road. The work area is indicated in Green in the map shown to the right. The electric portion of work includes roadway lighting and underground lighting conduits.



Strategic Goals Relevance/Categorical Criteria

Regulatory & Compliance

Project's Return on Investment

A value added asset to the corridor for new business

FISCAL DETAILS		2021
401-9010-581-91-35	Transfers/Park of Commerce	\$ 140,000

Total Expenditures \$ 140,000

This project is not expected to have any major impacts to operating costs.

Project's Impact on Other Departments

This project includes work for the Water, Sewer, Stormwater, Electric and Public Services Departments and is a collaborative effort.

Expenditures Capital Costs	Prior Years	FY2.1	l	FY	22		FV23		FY24			FY25			TOTAL
Project Development															-
Design	50,000							1							50,000
Permitting															9
Land/ROW Acquisition															
Construction	140,000	14	0,000												280,000
Equipment															
Testing															
Operating Costs															
On-Going Operations															1203
Maintenance															(9)
Personnel Costs															
Other (SPECIFY)															120
															16
Total Expenditures	\$ 190,000	\$ 14	0,000	\$	i.e.	\$	1.5	S		2.	\$			\$	330,000
Off-Set Categories	Prior Years	FY2	1	F۱	22		FY23		FY24			FY25			TOTAL
New Revenues										- 3					
Other (SPECIFY)	-					1									25
	-														-
Total Off-Sets	\$ =	\$	7	\$		\$		\$		*	\$		(5)	\$	÷
Funding Sources	Prior Years	FY2	1	FY	/22	,	FY23		FY24			FY25			TOTAL
401-6020-531-31-90	50,000														50,000
401-9010-581-91-35	140,000	14	0,000												280,000
															×
Total Funding Sources	\$ 190,000		10,000		- 12	\$		- \$		-	\$		(4)	\$	330,000
This section must be	completed for						ist futur ational.	e reve	enues a	ind e	expe	nses	onc	e bi	roject is
				eu anc	i tuiiv (pera									
						<u> </u>									
A. Ravenues Generated		7			tional	mpa		.tu:red						_	
A. Revenues Generated: A.1- Revenue #1			Net		tional	mpa	ct:	-7-		Ś				-	
A. Revenues Generated: A.1. Revenue #1 A.2. Revenue #2	-	B 1- Pers	Net	Opera	tional B.	mpa	ct:	В	5- Ulilitie 6- Mater		aqu&	lies			
A.1- Revenue #1		B.1- Pers	Net sonnel:	Opera	tional B.	mpa	ct: mses inc	В.	5- Ulililie	ials/S		lies:			5: 5:
A.1- Revenue #1 A.2- Revenue #2		B.1- Pers	Net sonnel: t Service tract Se	Opera e Cost	tional B.	mpa	ct: inses Inc	B.:	5- Ulililie 6- Mater	ials/S ment	t:	lies:			



EF 6

(For Projects / Items Costing Over \$50,000)

Department Stormwater **Project Duration**

Life Expectancy

Priority

FY19-21

30

1

Project Title

Park of Commerce - Phase 1B

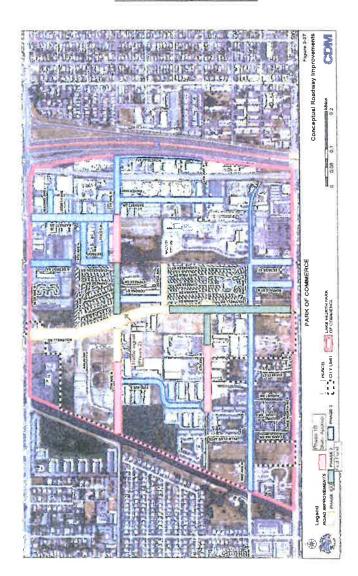
Relevant Graphic Details

Project Location

Boutwell Road from Lake Worth Road to 10th Ave N

Project Description/Justification

Phase 1A was completed in FY20. Phase 1B is currently under construction in FY20-21. Phase 1B includes water, stormwater, and roadway work along 7th and 4th Aves North. The stormwater portion of work includes new collection and drainage structures along 4th and 7th Avenues North. This work is funded by a state appropriation managed by FDOT.



Strategic Goals Relevance/Categorical Criteria

Regulatory & Compliance

Project's Return on Investment

A value added asset to the corridor for new business.

FISCAL DETAILS	2021				
Account Number	Discription		Amount		
304-5090-538.63-15	Park of Commerce Stormwater	\$	324,000		
	Total Expenditures	\$	324,000		

This project is not expected to have any major impacts to operating costs.

Project's impact on Other Departments

This project includes work for the Water, Stormwater, and Public Works Departments and is a collaborative effort.

Expenditures	Prior Ye	ears	FY21	FY22		FY23		FY24		FY25		TOTAL
Capital Costs					_		7		1		T	
Project Development	\$	- \$	-	\$	-	\$	- \$		\$. 4	\$	-
Design	-				- 8		-		-		-	
Permitting	0 - 100				-		-		<u> </u>	-	-	14
Land/ROW Acquisition			-		2		-	2		-	_	
Construction	-	-	324,000				-				1	324,000
Equipment		7			-		·		ì	7	1	
Testing		=			=		-		_	- 2	L.	
Operating Costs												
On-Going Operations		-	(+				-	>				
Maintenance		-					-					
Personnel Costs			i i		-		-	-				
Other (SPECIFY)												-
		-			- 2		-4	- 4				
Total Expenditures	\$	- \$	324,000	\$	¥	\$	\$		\$	2	\$	324,000
Off-Set Categories	Prior Ye	2285	FY21	FY22		FY23		FY24		FY25		TOTAL
New Revenues	\$	- 5		\$			- \$		\$	1723	Ś	TOTAL
Other (SPECIFY)	2		,	3			-				3	- 1
Other (SPECIFT)	-				-		-	-			-	
Total Off-Sets	\$	- \$		\$	34	\$	- \$	-	\$		\$	
NET COST	\$	- \$	324,000	\$		\$	- \$		\$		- \$	324,000
Funding Sources	Prior Ye	ears	FY21	FY22		FY23		FY24		FY2S		TOTAL
State Grant	\$	- S	324,000	\$	36	\$	- \$		\$	9	-	324,000
		540					-					

		-			-		4				-	
Total Funding Sources	\$	- 5			-	7.	- \$		Ş		- \$	324,000
This section must be co	mpleted fo					7.	- T		7			
	mpleted fo		pplicable pr	ojects. Ple	ase	list future r	- T		7			
This section must be co completed and fully ope	mpleted fo		pplicable pr	ojects. Ple	ase al Ir	list future r	even	ues and e	7			
This section must be co completed and fully ope A. Revenues Generated:	mpleted fo	or all a	pplicable pr Net	ojects. Plea	ase al Ir	list future r	even	ues and e	7			
This section must be co completed and fully ope A. Revenues Generated: A.1. Revenue #1	mpleted fo	or all a	pplicable pr Net	ojects. Ple	ase al Ir	list future rempact:	even	ues and e.	xpen	ises once		
This section must be co completed and fully ope A. Revenues Generated: A.1- Revenue #1 A.2- Revenue #2	mpleted fo	or all a	Net Net 1- Personnel 2- Debt Serv	ojects. Pleation Coperation ice Costs:	ase al Ir	list future rempact:	even	ues and e. 5- Utilities: 6- Materials	xpen	ises once		
A. Revenues Generated: A.1- Revenue #1 A.2- Revenue #3	mpleted fo	or all a	Net 1.1- Personnel 3.2- Debt Serv 3.3- Contract 8	ojects. Please Operation ice Costs:	ase al Ir	list future rempact:	even	ues and e. 5- Utilities: 6- Materials 7- Equipme	xpen/Supp	plies:		
This section must be co completed and fully ope A. Revenues Generated: A.1- Revenue #1 A.2- Revenue #2	mpleted fo	or all a	Net Net 1- Personnel 2- Debt Serv	ojects. Please Operation ice Costs:	ase al Ir	list future rempact:	even	ues and e. 5- Utilities: 6- Materials	xpen/Supp	plies:		



(For Projects / Items Costing Over \$50,000)

Department Stormwater Project Duration FY19-21 Life Expectancy

Priority

EF 8

30

1

Project Title

Park of Commerce - Phase 2

Relevant Graphic Details

Project Location

Boutwell Road from Lake Worth Road to 10th Ave N

Project Description/Justification

Phase 1A was completed in FY20. Phase 1B is currently under construction in FY20-21. Phase 2 includes water, sewer, stormwater, electric, and roadway work along 7th and 4th Aves North and Boutwell Road from Joyce Ave to Lake Worth Road. The stormwater portion of work includes drainage collection systems along all sections. This work is partially funded by an FDOT Local Agency Program (LAP) grant.

ANK OF COMMENCE Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Converginal Resource | Conv

Strategic Goals Relevance/Categorical Criteria

Regulatory & Compliance

Project's Return on Investment

A value added asset to the corridor for new business.

FISCAL DETAILS	2021	
Account Number	Discription	Amoun

71000011(110111100)	Discription	Alliount				
304-5090-538.63-15	Park of Commerce Stormwater	\$	376,200			
	Total Expenditures	\$	376,200			

This project is not expected to have any major impacts to operating costs.

Project's Impact on Other Departments

This project includes work for the Electric, Water, Sewer, Stormwater, and Public Works Departments and is a collaborative effort.

Expenditures Capital Costs	Prior Years	F	Y21		FY22		FY23		FY24		FY25		TOTAL
Project Development	\$	\$	- 1	\$		\$		\$_		\$		\$	90
Design					2		- 2		-			-	E. Be
Permitting												-0	- 6
Land/ROW Acquisition	-											24	
Construction			376,200				-		-			-	376,200
Equipment	3.								-				
Testing	(4)												
Operating Costs													
On-Going Operations			(4)										
Maintenance	340		74					0	-			-	
Personnel Costs	(4)		- 1				-		9			-	
Other (SPECIFY)			-		- 2	1			-			4	
												-	7
Total Expenditures	\$	\$	376,200	\$		\$		\$	۵.	\$		- \$	376,200
Off-Set Categories	Prior Years	F	Y21		FY22		FY23		FY24		FY25		TOTAL
New Revenues	\$	\$	1 10	\$		\$	- 0	\$		\$		- \$	
Other (SPECIFY)	140	ŕ		<u> </u>	-	1	9					-	
o and (or === , ,		-				1			-			-	
Total Off-Sets	\$	\$		\$	-	\$:4	\$	3	\$		- \$	-
NET COST	\$ -	\$	376,200	\$	-	\$	/4	\$	-	\$		* \$	376,200
F	Daios Vocas	,	-V21		EV22		EV/2/2		rva.a		EVIE		TOTAL
Funding Sources	Prior Years		Y21	T A	FY22	1 -	FY23	La	FY24	T _c	FY25		
Stormwater Fund	\$ -	\$	117,200	\$) *	17	-	Ť		\$		94	117,200
TPA/LAP Grant		-	259,000	-		+		-				-	259,000
	_	Ļ.,		_		Ļ		1_		<u>_</u>			275 200
Total Funding Sources	\$	7	376,200			\$		\$		\$		- \$	
This section must be co completed and fully ope		l appli	cable pr	ojec	ts. Pleas	e lis	st future re	ven	ues and ex	pen	ses ond	e pr	oject is
**************************************			Net	t Op	erational	lmp	act:						
A. Revenues Generated:					8.	Ex;	sames indu	red					
A.1- Revenue #1	-	B 1- Personnel:						- B.5- Utilities:					
A.2- Revenue #2		B 2- Debt Service Costs						- B.6- Materials/Supplies:					
A.3- Revenue #3	•	B.3- Contract Services:					B.7- Equipment:						
A.4- Revenue #4		- B.4- Fixed Costs:					В.8	3- Miscellane	eous	3			
Revenue Totals (A.1 -to- A.4)										\$			



EF 9

(For Projects / Items Costing Over \$50,000)

Department

Water Distribution

Project Duration FY19-21

Life Expectancy

Priority

30

1

Project Title

Park of Commerce - Phase 2

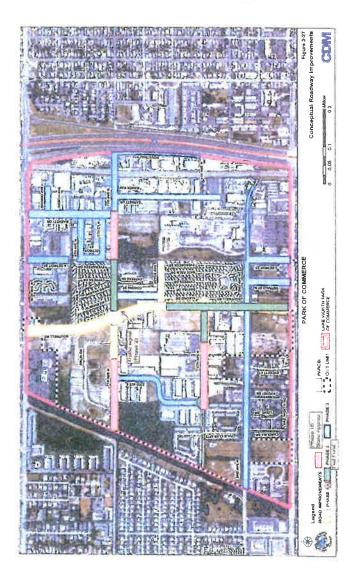
Relevant Graphic Details

Project Location

Boutwell Road from Lake Worth Road to 10th Ave N

Project Description/Justification

Phase 1A was completed in FY2020. Phase 1B is currently under construction in FY20-21. Phase 2 includes water, sewer, stormwater, electric, and roadway work along 7th and 4th Aves North and Boutwell Road from Joyce Ave to Lake Worth Road. The water portion of work includes extension of the existing watermain on 4th Ave N west.



Strategic Goals Relevance/Categorical Criteria

Regulatory & Compliance

Project's Return on Investment

A value added asset to the corridor for new business.

FISCAL DETAILS			2021		
Account Number	Discription	Amount			
422-7034-533.63-60	Improve other than Build	\$	155,000		
	Total Expenditures	\$	155,000		

This project is not expected to have any major impacts to operating costs.

Project's Impact on Other Departments

This project includes work for the Electric, Water, Sewer, Stormwater, and PublicWorks Departments and is a collaborative effort.

Expenditures	Prior Years		FY21		FY22		FYZ3		FYZ4		FY25		TOTAL
Capital Costs	-	\$		+		T	\$		\$ =	T ş		- \$	
Project Development Design	\$	Ş		\$		+	Ş	-	Ş	7		-12	
Permitting		-		_						-			
Land/ROW Acquisition		\vdash				+		1		-		-	
Construction			155,000			1				-		-	155,000
Equipment		-	133,000			+						_	155,600
Testing		-						,	-			-	
o .		-				-							
Operating Costs						_						V	
On-Going Operations			*			•		-1	1.9	_		P.	
Maintenance			-					>3		_		-	
Personnel Costs	-					-		24				+	
Other (SPECIFY)						-		-3				-	
	1		4			-		-		1_			
Total Expenditures	\$	\$	155,000	\$		-	\$	-	\$	\$		≅ \$	155,000
Off-Set Categories	Prior Years		FY21		FY22		FYZ3		FYZ4		FYZ5		TOTAL
New Revenues	\$	15	1152	Ś	1 (66 66	-1	\$			\$	7 1 4 1	- \$	
Other (SPECIFY)	**	Ť		Ť		1	7	-					
Other (Streen 1)	-	1	_			-		30			-		
Total Off-Sets	\$	\$	*	\$		3	\$	3	\$	- \$		± \$	8
NET COST	\$ -	\$	155,000	\$		*	\$		\$	- \$		≋ \$	155,000
Funding Sources	Prior Years		FY21		FY22		FY23		FY24		FY25		TOTAL
Water Fund	Š	\$	155,000	İs			\$	3-4	\$	- \$		-	155,000
IPA/LAP Grant	-7	1	433,000	Ť		-						-	
	-					=		×		-		9	
Total Funding Sources	ş -	\$	155,000	\$		-	\$	-	\$	- \$		- \$	155,000
This section must be co completed and fully ope		iap						rev	venues and e	xpe	ises on	ce pro	oject is
			Net	Op	erationa	He	n pact :						
A. Revenues Generated:					E	1. 8	xpensim In	G(II)	resi				
A.1- Revenue #1		B.1- Personnel: B.5- Utilities:								- 4			
A.2- Revenue #2		B.2- Debt Service Costs: - B.6- Materials/Supplie						plies:		1 2			
A.3- Revenue #3		B.3- Contract Services:					- B 7- Equipment:						
A.4- Revenue #4		B 4- Fixed Costs						B 8- Miscellaneous					170
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -tc- 8.8)							ę	§			