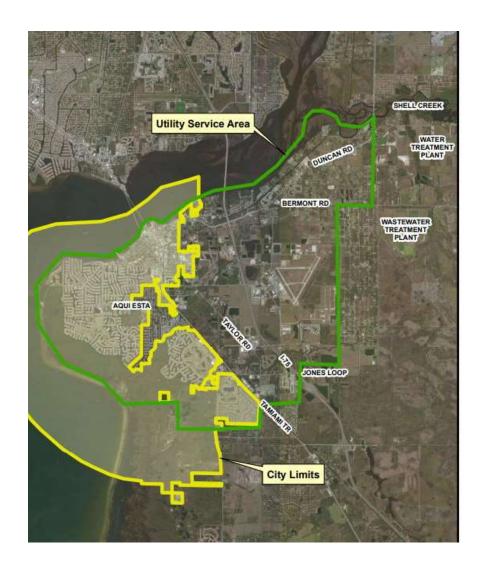
UTILITIES CAPITAL IMPROVEMENTS PROGRAM FY 2022 -2026

(All figures in thousands of dollars)

****** DRAFT BUDGET ******

	BUDG							
	l_ <i></i>	TOTAL	Prior				<u>-</u> ,,,,,,	
PROJECT IDENTIFICATION	Page #	PROJECT	Years'	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
FUNDING COURSE. Hallation Found comment recognity of \$4.40M		COST	Funding					
FUNDING SOURCE: Utilities Fund current revenue of \$1.12M								
per policy for R&R Projects								
Mater Custom Hillita Delegation Mice. Designate		400	A	00	20	00	00	- 00
Water System Utility Relocation Misc. Projects	1	100	Annual	20	20	20	20	20
Watermain Renewal/Replacement Projects	3	500	Annual	100	100	100	100	100
Watermain Valve Projects	5	500	Annual	100	100	100	100	100
Wastewater Gravity Sewer Replacement Projects	7	750	Annual	150	150	150	150	150
Wastewater Lift Station Renewal/Replacement Projects	9	1,000	Annual	200	200	200	200	200
Wastewater Inflow Abatement - Rehabilitation Structures	11	1,000	Annual	200	200	200	200	200
Wastewater Force Main Renewal/Replacement Projects	13	1,750	Annual	350	350	350	350	350
R&R Projects Total FUNDING SOURCE: Utilities Fund current revenues and		5,600	0	1,120	1,120	1,120	1,120	1,120
Reserves, Grants, Impact Fees, and Financing								
Administration								
Septic to Sewer (Areas 1)	15	14,336	300	1,000	13,036	0	0	0
Septic to Sewer (Areas 2)	17	12,938	0	0	0	0	300	12,638
Copilo to Cowor (Alcado 2)	l ''	12,000				0		12,000
Wastewater Projects								
Wastewater Treatment Plant Tank Coating	19	1,930	530	600	0	0	0	800
Wastewater Treatment Plant Permit Renewal (FDEP)	21	85	0	0	85	0	0	0
Wastewater Deep Injection Well Mechanical Integrity Test (MIT)	23	85	0	0	0	85	0	0
Wastewater Deep Injection Well Permit Renewal	25	170	85	0	0	0	85	0
Wastewater Treatment Plant Improvement	27	40,008	4,008	20,000	16,000	0	0	0
Wastewater Master Pump Facility Upgrade	29	600	0	600	0	0	0	0
Wastewater Henry St 20" Force Main Replacement crossing at I-75	31	2,250	1,150	0	1,100	0	0	0
Henry St 14" Force Main Replacement	33	1,200	0	0	0	0	0	0
·		· ·	_	_	_	_		
Riverside Dr Force Main Extension	35	1,100	1,100	0	0	0	0	0
Wastewater Projects Total		74,702	7,173	22,200	30,221	85	385	13,438
Water Projects								
WTP - Hendrickson Dam Inspection Program & Maintenance	37	СО	90	0	0	0	0	0
WTP - R.O Water Use Permit	39	432	232	0	0	0	0	200
WTP - Evaluation/Rehabilitation (Filters, SCU & ALUM Tank)	41	23,123	2,323	3,500	17,300	0	0	0
WTP - MFL Evaluation and Recovery Plan	43	600	100	100	100	100	100	100
WTP - Burnt Store Rd Booster Station	45	3,300	0	0	0	3,300	0	0
WTP - RO Brine Disposal Well / Mechanical Integrity Test (MIT)	47	215	65	0	0	0	150	0
WTP - RO Brine Disposal Well (DIW) / Permit Renewal	49	145	60	0	0	0	85	0
WTP - Water Hydrobiological Monitoring Plan (HBMP)	51	100	0	0	0	0	100	0
WTP - Carbon Slurry System Replacement	53	1,100	0	0	0	0	1,100	0
WTP - Carbon Study System Replacement WTP - Dewatering Studge Press	55	600	0	600	0	0	0 1,100	0
WTP - 2 MG Storage Tank Baffle Curtain Replacement	57	500	0	500	0	0	0	0
Water - Taylor Rd Watermain Replacement Upgrade (10" to 12")	59	3,250	0	0	0	0	0	0
Water - Taylor Rd Watermain Replacement Opgrade (10 to 12) Water - Solona Watermain Replacement Upgrade	61	3,200	200	0	0	3,000	0	0
Water Tee and Green Water Main Extension	63	250	50	200	0	0	0	0
Water - Bal Harbor Water Main Extension Water - Bal Harbor Water Main Replacement	65	250 600	0	0	0	0	0	600
Water Projects Total	00	37,415	3,120	4,900	17,400	6,400	1,535	900
vvalor i rojecio rotar	 	J1, 4 1J	3,120	4,300	17,400	0,400	1,555	900
			l		l		l	
UTILITIES CONSTRUCTION FUND TOTAL		117,717	10,293	28,220	48,741	7,605	3,040	15,458

Project Title: \	Itility Relocation I	Project To Be D	etermined						
Acct #: 411	-8423-533-63-09			Projec	t Code: TBD)			
Project Priority: Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.				Goal: Maintain and enhance the City's infrastructure to ensure efficient service delivery and quality aesthetic appeal. Apply best management practices and systems in infrastructure maintenance.					
Previous Years	FY 2022	FY 2023	FY 2023 FY 2024 FY				2026	Total Cost	
\$ 0	\$ 20,000	\$ 20,000	\$ 20	,000	\$ 20,000	\$ 2	20,000	\$ 100,000	
2. Building C	of Way construction Co ment N/A Costs:	7. Effect \$	Prelimi Survey Plans ii Comple of Land Not Ye Partly A Publick No Lan Gift of Opera — Pers — Con Equi Othe	in Program Prepareted Acquired Acquired y Ownedd Involved Involve	ress ation tion: ed ed st (+ or -): rvices for Services sisting lines. No	Project E FY 2022 Annual furelocate vilines to a programm work periodical control of the control	rilities Adm Person: huck Pavlo Descriptio - 2026 unds prog water and accommo- med proje formed by a County	os n: grammed to d wastewater date non- ects and/or	
Improvement Construction Landscaping Equipment	\$ \$ 80,00 \$	\$	0 Tota	I		FDOT pro improvem	ents in a 5	ndway 5 year CIP and	
4. Sources of 1st Yr. UF 2nd Yr. UF 3rd Yr. UF 4th Yr. UF 5th Yr. UF	Sources of Financing: 8. Effect on income			of Taxes From Sa ous Faci Revenue	s ale of lity	also performs non-programmed projects. Charlotte County Public Works and Punta Gorda Public Works also perform non-programmed projects on an as needed basis. Funds in TBD are for non-programmed projects, once a project is identified a project code and cost will be identified.			



Utility Relocation Project To Be Determined

Project Title: V	Water Main Renewa	al/Replacemen	t Project	To Be De	etermined			
Acct #: 411-	8423-533-63-21			Projec	t Code: TBI)		
	/: stainability - Mainta ets and quality mur			efficient Apply be	service delive	ery and ent pra	city's infrastruct I quality aesthe actices and sys	etic appeal.
Previous Years	FY 2022	FY 2023	FY 2	2024	FY 2025	;	FY 2026	Total Cost
\$ 0	\$ 100,000	\$ 100,000	\$ 100	0,000	\$ 100,000	0	\$ 100,000	\$ 500,000
1. Land Cost: Acres Front I Sq Ft Right		5. Status X	Prelimi Survey Plans i	nary Est in Progr n Prepar	ess	Cont	artment: Utilities Adn act Person: Chuck Pavle	os
Sq. Ft.	ilding Construction Cost: Sq. Ft. Equipment N/A imated Costs: ious CIP \$ ent CIP \$			ed ed st (+ or -): rvices for Services	FY 2022 - 2026 Funds in TBD provide renewal and replacement of existing water mains on an as needed basis. The end of life to water mains cannot be predicted with certainty. Replacement Projects are based on water main breaks and Public Works projects. Annual projects are determined by operations staff to meet immediate needs. Funds unused are released at end of year. Major water main projects are programmed individually.			
Construction Landscaping Equipment 4. Sources of	\$ 300,000 \$	8. Effect of	0 Tota		-):	TBD imme level	ediate need to	result from
1 st Yr. UF 2 nd Yr. UF 3 rd Yr. UF 4 th Yr. UF 5 th Yr. UF	State Federal	X	Gain Previ		ale of lity	multip projection code will be	ole repairs. ct is identifie will be creat e transferrec	Once a



Water Main Renewal/Replacement

Project Title: \	Natermain Valve	Inst	allation						
Acct #: 411	-8423-533-63-21				Projec	t Code: WM	IVAL\	V	
	/: stainability - Mair ets and quality m				efficient	service delivenagement pra	er an	City's infrastructord quality aestheties and systems in	c appeal. Apply
Previous Years	FY 2022		FY 2023	FY 2	2024	FY 2025		FY 2026	Total Cost
\$ 0	\$ 100,000		\$ 100,000	\$ 100	0,000	\$ 100,000)	\$ 100,000	\$ 500,000
2. Building C Sq. Ft. Equipm 3. Estimated In Previous CIP In Present CIP Engineering Land Site	Of Way Construction Coment N/A Costs: \$ 500,0 \$ \$ \$	0	5. Status (Prelimi Survey Plans ii Comple of Land Not Ye Partly A Publicly No Lan Gift Opera Pers Con Equi	in Programeted Acquisit Acquired y Owned Involventing Costonal Service (Service)	ress ration ition: ed st (+ or -): rvices for Services	Pro FY: Projexis isola mai	partment: Utilities Admintact Person: Chuck Pavlo Dject Descriptio 2022 - 2026 ject will install sting water mains of shut on the street and ling tomers affecte	n: EZ valves on in to assist in ff during a mit amount of
Improvement Construction Landscaping	\$ \$ \$	<u> </u>	\$	⁰ Tota	ı			ject Justification	
4. Sources of Financing: Local State Federal 1st Yr. UF Storm, 000 8. Etc.		8. Effect o	on incon Loss Gain	ne (+ or of Taxes From Sa	s ale of	wate mak Inse ame	er shut off is not er shut off is not erepairs. Instert-a-valve will bunt of custom solating only the	eeded to tallation of limit the ters affected	
2 nd Yr. UF 3 rd Yr. UF 4 th Yr. UF 5 th Yr. UF		- - -	 			-	inst	ded for repair. alled will list lo to identify.	



Watermain Valve Installation

Acct #: 411	-8536-535-63-28		Pro	piect Code: TB	 D			
Project Priorit			e the Mair . effic	Goal: Maintain and enhance the City's infrastructure to ensure efficient service delivery and quality aesthetic appeal. Apply best management practices and systems in infrastructure maintenance.				
Previous Years	FY 2022	FY 2023	FY 2024	FY 202	5 FY 2026	Total Cost		
\$ 0	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,00	\$ 150,000	\$ 750,000		
1. Land Cost Acres Front Sq Ft	Ft	5. Status X	of Project: Preliminary Survey in P Plans in Pre Completed	rogress	Department: Utilities Adr Contact Person: Chuck Pav Project Description	los		
2. Building (6. Status X	of Land Acq Not Yet Acc Partly Acqu Publicly Ow No Land In	quired ired rned	FY 2022 - 2026 Funds in TBD provide renewal and replacement of existing gravity sewer lines and restore asphalt pavement associated with sewer replacement. Old clay pipe gravity lines are			
3. Estimated In Previous CIF In Present CIP Engineering Land Site Improvement	> \$	\$	Personal Contract Equipme Other Co		candidate projects for replacement with PVC sewer pipe. Gravity Sewer relocate			
Construction Landscaping Equipment	\$ 600,00 \$	\$	0 Total		Project Justificatio TBD funds are for the or replacement of g	ne renewal and/ ravity sewer lines		
4. Sources o Local 1st Yr. UF 2nd Yr. UF 3rd Yr. UF 4th Yr. UF 5th Yr. UF	_		Loss of Tage Comment C	axes a Sale of acility	to maintain system capacity by reducing storm water infiltration. Clay pipe gravity sewer lines commonly contribute to storm water infiltration. Public Works projects are typically related to street reconstructions. Once a project is identified a project code will be created and funds will be transferre from TBD to the identified project.			



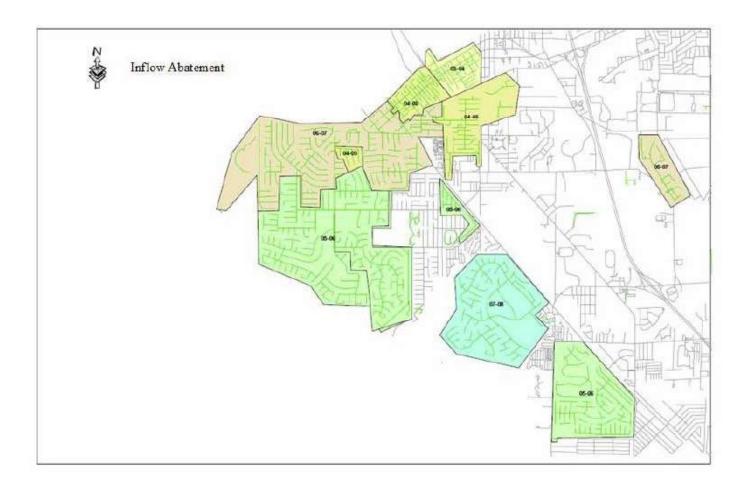
Gravity Sewer Renewal/Replacement

Project Title:	Lift Station Renev	val/Re	eplacement l	Project T	o Be Det	termined			
Acct #: 411	-8536-535-63-29				Projec	t Code: TBI)		
Project Priority Infrastructure Su City's capital ass		Goal: Maintain and enhance efficient service deliver Apply best manageme infrastructure maintena				ery a ent p	nd quality aesthe ractices and syst	tic appeal.	
Previous Years	FY 2022	F	FY 2023 FY 2024 FY 2025					FY 2026	Total Cost
\$ 0	\$ 200,000	\$	200,000	\$ 200	0,000	\$ 200,000)	\$ 200,000	\$ 1,000,000
2. Building C	Ft	00	5. Status of X	Preliming Survey Plans in Complete of Land Not Year Publicly No Lan Gift Fers Contact Cother Other	nary Est in Progr Prepare ted Acquire Acquired Owned Involve ting Cos onal Sectractual forment er Costs:	ress ration ition: ed st (+ or -): rvices for Services	Pro FY Ann and stat imp	l construct was tion rehabilitati	os on: onds will design stewater lift on or an as needed
Construction Landscaping Equipment	Construction \$ 800,000 and scaping \$ 0 Total squipment \$ 0 Total state Federal State F					-):	Project Justification: The City operates 118 Lift Stations. Funds are programmed to provide improved wastewater transmission capacity identified by wastewater master plan or other studies.		
1 st Yr. UF 2 nd Yr. UF 3 rd Yr. UF 4 th Yr. UF				Loss Gain Previ	oss of Taxes Sain From Sale of Previous Facility New Revenues No Effect			Projects may result from immediate need to maintain level of service to customer or reduce cost responding to multiple repairs. Renewal/Replacement of equipment to lift station is performed by staff on an as needed basis with available funding typically for components rather then complete rehabilitation/replacement of an individual lift station. Once a project is identified a project code will be created and funds will be transferred from TBD to the identified project.	



Lift Station Renewal/Replacement

Project Title:	Inflow Abatement R	ehab Structure	s To Be D	etermin	ed				
Acct #: 411	-8536-535-63-56			Projec	t Code: TBI)			
Project Priority Infrastructure Su City's capital ass	e the N	efficient Apply be	service deliv	ery and ent pra	ity's infrastruct quality aesthe ctices and sys	etic appeal.			
Previous Years	FY 2022	FY 2023	FY 20)24	FY 2025	;	FY 2026	Total Cost	
\$ 0	\$ 200,000	\$ 200,000	\$ 200,	000	\$ 200,000	0	\$ 200,000	\$ 1,000,000	
		5. Status X 6. Status	Prelimin Survey i Plans in Complet	ary Est n Progr Prepar ed	ess ation	Cont	urtment: Utilities Adn act Person: Chuck Pavl ect Description 022 - 2026	os	
Sq. Ft.		X	6. Status of Land Acquisition: Not Yet Acquired Partly Acquired Publicly Owned No Land Involved Gift			Annual funds programmed for rehabilitation/replacement includes interior coating of manholes and wet wells, installation of manhole inflow protectors, smoke testing,			
In Previous CIP In Present CIP Engineering Land Site Improvement		· -	Perso Contr Equip	onal Ser actual f oment Costs:	rvices for Services	grouting and lining sewer li of the City's wastewater			
Construction Landscaping Equipment	\$800,000 \$	\$	0 Total			Inspec	ct Justification ction, replacer al of the City's	ment and s collection	
4. Sources of Local 1st Yr. UF 2nd Yr. UF 3rd Yr. UF 4th Yr. UF 5th Yr. UF	A composition of the first state			f Taxes from Sa us Faci	s ale of lity	system will reduce infiltration and inflow, reduce collection system defects, maintain capacity, and reduce wet weather overflows. Rehabilitation work extends useful life which reduces replacement needs. Once a project is identified a project code will be created and funds will be transferred from TBD to the identified project.			



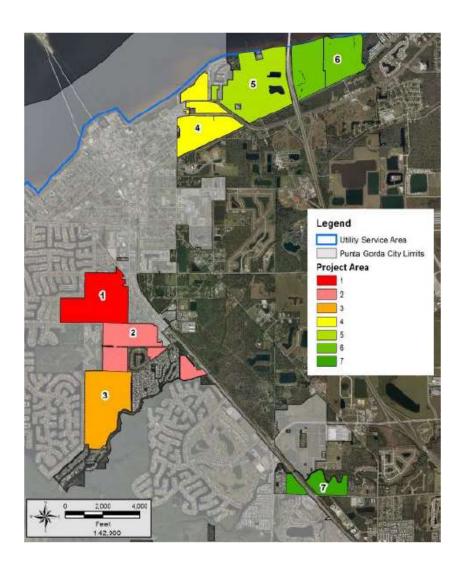
Inflow Abatement Rehab Structures

Project Title: Force Main Renewal	Replacement F	Project To Be D	etermined				
Acct #: 411-8536-535-63-67		Proje	ct Code: TBD)			
Project Priority: Infrastructure Sustainability - Maintair City's capital assets and quality munic	efficien Apply b	t service delive	e the City's infrastruct ery and quality aesthe ent practices and sys nance.	etic appeal.			
Previous Years FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total Cost		
\$ 0 \$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 1,750,000		
1. Land Cost: Acres Front Ft Sq Ft Right of Way		f Project: Preliminary Es Survey in Prog Plans in Prepa Completed	ıress	Department: Utilities Adn Contact Person: Chuck Pavl Project Description FY 2022 - 2026	os		
2. Building Construction Cost: Sq. Ft. Equipment N/A	6. Status of Land Acquisition: Not Yet Acquired Partly Acquired X Publicly Owned No Land Involved Gift			Annual projects may be determined by Operation staff to meet immediate needs. Projects will replace existing Ductile Iron Pipe (DIP) with PVC Pipe.			
3. Estimated Costs: In Previous CIP \$	7. Effect of \$ \$ \$ \$	Personal Se Contractual Equipment Other Costs	ervices for Services				
Construction \$ 1,400,000 Landscaping \$ Equipment \$	\$) Total		Project Justification Rehabilitation and to existing facilities	improvements are needed as		
4. Sources of Financing: Local State Federal	\$ 8. Effect on incor			a result of end of service life and changes to the utilities system for growth or other capital projects. Force Main breaks cannot be predicted with certainty. Once a project is identified a project code will be created and funds will be transferred from TBD to the identified project.			



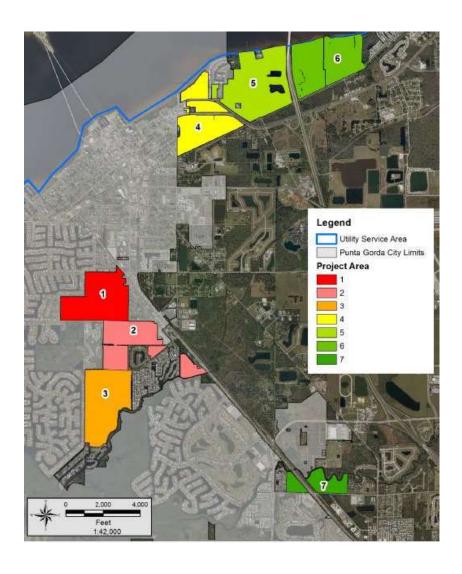
Force Main Renewal/Replacement

Project Title: Septic to Sewer (Area	ı 1)			
Acct #: 411-8536-535-65-03		Project Code: S2	2SA1	
Project Priority: Infrastructure Sustainability - Maintain City's capital assets and quality munic	nce the City's infrastructivery and quality aesthow technology in applicate geting procedures and es for staff.	etic appeal. able areas		
Previous Years FY 2022	FY 2023 FY	2024 FY 202	25 FY 2026	Total Cost
\$ 300,000 \$ 1,000,000 \$	13,036,400	\$0 \$0	\$ 0	\$ 14,336,400
1. Land Cost: Acres Front Ft Sq Ft _ Right of Way 2. Building Construction Cost: Sq. Ft. Equipment N/A 3. Estimated Costs: In Previous CIP \$ 300,000 In Present CIP \$ 14,036,400 Engineering \$ 2,867,280 Land \$ 2,867,280 Land \$ 5ite \$ Improvement \$ Construction \$ 11,469,120 Landscaping \$ Index Ind	Surve X Plans Comp 6. Status of Lance Partly X Public No La Gift 7. Effect of Oper \$ Per \$ Cor \$ Per \$ Oth TBD and depo 8. Effect on inco Loss Gair Prev 319,200 New	inary Estimate y in Progress in Preparation leted I Acquisition: et Acquired Acquired ly Owned ating Cost (+ or -): sonal Services atractual for Services atractual for Services at Costs: - Estimated Construction Annual costs will be endent on alternative	Department: Utilities Adr Contact Person: Chuck Pav Project Descriptie Jones Edmunds complete Master Plan June 2018. F was developed for gravity Preliminary Design Report evaluate alternative sewer PDR for preferred method FY 2022-2024 - Constructi Breakdown of project cost Collection system = 11,02t Transmission System = 3, Project will need to be fina grant revenue of 25% of cost Seption of wastewater revecustomers Project Justification Charlotte County adopted a 10 year extend central seption tanks for we disposal. Puntal seeking to work i with BCC to stud	d a Septic to Sewer Possible funding plan sewer system. If (PDR) for Area 1 to systems and complete was issued in FY21. Identical of the system of the syste



Septic To Sewer (Area 1)

Project Title: Septic to Sewer (Area	2)				
Acct #: 411-8536-535-65-03		Projec	t Code: S2S	SA2	
Project Priority: Infrastructure Sustainability - Maintain City's capital assets and quality munic	service deliverse use of new	e the City's infrastruct ery and quality aesthe technology in applica eting procedures and is for staff.	etic appeal. Ible areas		
Previous Years FY 2022	FY 2023 F	2024	FY 2025	FY 2026	Total Cost
\$0 \$0	\$ 0	\$ 0	\$ 300,000	\$ 12,637,600	\$ 12,937,600
1. Land Cost: Acres Front Ft Sq Ft Right of Way 2. Building Construction Cost: Sq. Ft. Equipment	Survey X	minary Esta ey in Progra in Prepara oleted d Acquire d Acquire d Acquire d Acquire d Acquire d Acquire d Annual Cost on From Sa vious Facily w Revenue	ress ration tion: ed led st (+ or -): rvices for Services l Construction s will be ternative -): stale of elity es 0 yrs) & sewer	Department: Utilities Adn Contact Person: Chuck Pavle Project Description Jones Edmunds completed a Plan June 2018. Possible full developed for gravity sewers. FY 2024 - Prepare a Prelimir (PDR) for Area 2 - Evaluating systems and complete PDR in the Possible full developed for gravity sewers. FY 2025 - Construction Breakdown of project cost: Collection system = 9,952,000 Transmission System = 2,983: Project will need to be finance revenue of 25% of collection. Funding Sources to be used Wastewater Impact Fees Assessments of all lots in Area Portion of wastewater revenucustomers. Project Justification. Charlotte County adopted a 10 year extend central seproperties utilizing septic tanks for well disposal. Punta (seeking to work in with BCC to study construct central)	os on: a Septic to Sewer Master nding plan was system. nary Design Report galternative sewer for preferred alternative. oo 5,600 ed and estimates grant system to repay debt: ea 2 les from Area 2 in: BCC has ar plan to wer to g on-site rastewater Gorda is n cooperation y and



Septic To Sewer (Area 2)

Project Title: \	Nastewater Treat	ment Plant Tank	Coating				
Acct #: 411	-8711-535-63-31		Proje	ct Code: WW	/P-TC		
	/: stainability - Main ets and quality mo				ent practices and sys	etems in	
Previous Years	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total Cost	
\$ 0	\$ 600,000	\$ 0	\$ 0	\$ 0	\$ 800,000	\$ 1,400,000	
2. Building C Sq. Ft. Equipm 3. Estimated In Previous CIP In Present CIP Engineering Land Site	Ft N/A Construction Co	7. Effect of \$ \$ \$ \$ \$	Equipment Other Cost	gress aration sition: red d ed ved ost (+ or -): ervices I for Services	Department: Utilities Adr Contact Person: Chuck Pavl Project Description FY 2022 & FY 20 Replace interior of in our wastewate tank. There are the MPF and two BPF. Coating replace on a rotational so on need every 5 in the MPF and two BPF. Coating replace on a rotational so on need every 5 in the MPF and two BPF. Coating replacement in the MPF and two BPF and two BP	los 26 coating system r equalization two tanks at tanks at the placement is chedule based years.	
Improvement Construction Landscaping Equipment	\$	\$	<u>0</u> Total		Project Justification Coating system is protect concrete:	s needed to	
4. Sources of Financing: Local State Federal			Loss of Taxe Gain From S Previous Fa New Revenue No Effect Total	es Sale of cility	wastewater. Interior tank coating system has a warranty of 5 years. Annual inspection will be performed. When a coating failure is detected outside of the warranty period, the coating system will be replaced.		



Wastewater Treatment Plant Tank Coating

Project Title:	Wastewater Trea	tment Plant Ope	erating Permit F	Renewal (FDE	P)				
Acct #: 411	-8711-535-31-14		Pr	oject Code:	WWPEF	RM			
•	ommunication and note partnerships	, communicatio	- Em	oal: phasize transp vities.	arency	in City operations	s, reporting, and		
Previous Years	FY 2022	FY 2023	FY 2024	FY 2	025	FY 2026	Total Cost		
\$ 0	\$ 0	\$ 85,000	\$ 0	\$ ()	\$ 0	\$ 85,000		
2. Building C	Ft N/A Construction Co ment N/A Costs:	7. Effect	Contract Equipme Other Contract Permit ren	Progress eparation quisition: quired uired volved Cost (+ or -) I Services tual for Servicent	Profession FY Fundaments FY Fundaments FY Fundaments FY Fundaments FY	Department: Utilities Administration Contact Person: Chuck Pavlos Project Description: FY 2023 Funds are needed for engineering services to prepare permit application materials for the renewal of the WWTP Operating Permit required and issued by Florida Department of Environmental Protection.			
Construction Landscaping	\$ \$	<u></u>	⁰ Total			oject Justification rida Departmen			
Equipment	\$	_			Env	vironmental Pro	otection		
Equipment \$ 8. Effect on incomparing			_ Loss of T	axes m Sale of Facility enues	an ope vali Sep ope yea	requires the WWTP to acquire an operating permit. Current operating permit (FLA118371)is valid from September 22, 2019 - September 21, 2024. Renewal of operating permit is required in 5 year intervals. Next permit renewal is due September 21,			



Wastewater Treatment Plant Facility



Wastewater Treatment Plant Operating Permit Renewal (FDEP)

Project Title: Wastewater Treatment Plant - Deep Injection Well Mechanical Integrity Testing (MIT)										
Project Title: \	Nastewater Treat	ment Plant - De	ep Injection Well I	Mechanical Int	egrity Testing (MIT)					
Acct #: 411	-8711-535-31-14	ct Code: DW	MIT							
•	ommunication and note partnerships,	communication								
Previous Years	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total Cost				
\$ 0	\$ 0	\$ 0	\$ 85,000	\$ 0	\$ 0	\$ 85,000				
1. Land Cost: Acres Front Sq Ft		5. Status	of Project: Preliminary Es Survey in Prog Plans in Prepa Completed	ress	Department:					
Sq. Ft.		st: 6. Status	of Land Acquis Not Yet Acquire Partly Acquire Publicly Owne No Land Involv	ed d d						
3. Estimated In Previous CIP In Present CIP Engineering Land Site Improvement		\$ 00	Personal Se Contractual Equipment Other Costs Permit renewal additional opera	ervices for Services conly. No	(MIT) at 5 year in Project will perfor required period. performed by Ma DIW permit renev	ntervals. rm MIT for the MIT must be ay 2025 prior to				
Construction Landscaping Equipment	\$ \$ \$ 	 	0 Total	Project Justification: MIT is required by UIC permit on or before May 27, 2025.						
4. Sources of Local 1 st Yr. 2 nd Yr. 3 rd Yr. 4 th Yr. 5 th Yr.	Financing: State Feder		on income (+ or Loss of Taxe Gain From S Previous Fac New Revenu No Effect Total	s ale of sility						



WWTP Deep Injection Well Mechanical Integrity Testing (MIT)

Project Title: \	Nastewater Treat	tment Plant - De	ep Injection Well	(DIW) Permit F	Renewal (FDEP)			
Acct #: 411	-8711-535-31-14		ct Code: DW	PERM				
Continue to prom	/: ommunication and note partnerships, n all stakeholders	, communication		isize transpare	ncy in City operations	s, reporting, and		
Previous Years	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total Cost		
\$ 0	\$ 0	\$ 0	\$ 0	\$ 85,000	\$ 0	\$ 85,000		
2. Building C Sq. Ft. Equipm 3. Estimated In Previous CIP In Present CIP Engineering Land Site	Ft N/A Construction Co	x	of Project: Preliminary Es Survey in Prog Plans in Prepa Completed of Land Acquis Not Yet Acquir Partly Acquire Publicly Owne No Land Involv Gift of Operating Co Personal Se Contractual Equipment Other Costs Permit renewal additional oper	gress aration sition: red d d ved ost (+ or -): ervices for Services	Department: Utilities Administration Contact Person: Chuck Pavlos Project Description: FY 2025 Funds are needed for engineering services to prepare permit application materials for the renewal of the Wastewater Treatment Plant Deep Injection Well (DIW) regulated by Underground Injection Control (UIC) permit required and issued by Florida Department of Environmental Protection. UIC/DIW permit was issued January 7, 2021 and is due to			
Improvement Construction Landscaping	\$ \$	 	0 Total	expire January 7, 2026. Project Justification: Florida Department of				
## Sources of Financing: Local State Federal 1st Yr.			on income (+ or Loss of Taxe Gain From S Previous Fac New Revenu	es Sale of cility	Environmental Protection requires the Wastewater Treatment Plant to renew it's Underground Injection Control (UIC) permit for Deep Injection Well (DIW) . Next permit renewal is due prior to January 7, 2026.			



WWTP Deep Injection Well Permit Renewal (FDEP)

Project Title:	Wastewater Treat	ment Plant Imp	rovement/E	xpansion	1				
Acct #: 411	-8711-535-63-31			Project	Code: WW	/PEXP			
	y: stainability - main ets and quality m		sipal services. efficient and effective				e the City's infrastructure to ensure service delivery and quality aesthetic management practices and systems in nance.		
Previous Years	FY 2022	FY 2023	FY 2	2024 FY 2025		FY 2	026 Total Cost		
\$ 4,008,000	\$ 20,000,000	\$ 16,000,000	\$ (0	\$ 0	\$ (\$ 40,008,000		
1. Land Cost Acres Front Sq Ft	5. Statu	5. Status of Project: X Preliminary Estimate Survey in Progress Plans in Preparation Completed			Department:				
2. Building C Sq. Ft Equip	St: 6. Statu	Not Yet Acquired Partly Acquired			FY 2020: The City completed an evaluation and recommendation for WWTP Improvements. FY 2021: Negotiate FWC lease and complete engineering design and permitting.				
3. Estimated In Previous CIF In Present CIP Engineering Land Site Improvement Construction	4 000 0	00 \$ 00 \$ 50 \$ \$	Conti	onal Service on a long to the content of the conten	• •	FY 2022 - 2026: Construction Improvements Funding sources for project will include wastewater impact fees ar financing. Debt service will be repaid through wastewater impact fees and user fees. Project Justification:			
Landscaping Equipment	\$ \$	\$	0 Total			A planned approach for WWTP capacity and expansion is			
4. Sources of	8. Effect	8. Effect on income (+ or -):			required by DEP rule when the				
' ''· <u> </u>	State Feder F/ TBD TBD TBD TBD	_	Gain F Previc New F		ty s	-capacity of the WWTP reache 75% of permitted capacity.			



WWTP Improvements/Expansion

Project Title: \	Wastewater Treatr	nent Plant - Mas	ster Pump F	acility	Upgrade				
Acct #: 411-	8711-535-63-33	t Code: MPI	FUPG						
	/: stainability - maint ets and quality mu		ipal services. efficient and effective				te the City's infrastructure to ensure e service delivery and quality aesthetic management practices and systems in nance.		
Previous Years	FY 2022	FY 2023	FY 20	24	FY 2025		FY 2026	Total Cost	
\$ 0	\$ 600,000	\$ 0	\$ 0		\$ 0		\$ 0	\$ 600,000	
Sq Ft P 2. Building C Sq. Ft. Equipm	Land Cost: 5. Sta Acres X Front Ft Sq Ft N/A 6. Sta Sq. Ft. X Sq. Ft. X Equipment X Estimated Costs: 7. Effective Previous CIP \$ S Present CIP \$ 600,000 sgineering \$ 120,000 sgineering \$ S sqineering \$ S sqineering \$ S			ary Estin Progrimed cquisin Acquired Council Involved In	ress ation tion: ed ed st (+ or -): rvices for Services	Department: Utilities Administration Contact Person: Chuck Pavlos Project Description: FY 2022 The MPF is a wastewater pumping facility located at 900 Henry Street. Project will upgrade and replace three wastewater pumps, piping, and electrical VFD and motor controls.			
Construction	\$	_	0			Project Justification:			
Landscaping \$ Equipment \$ 4. Sources of Financing: Local State Federal 1st Yr. UF 2nd Yr 3rd Yr 4th Yr 4th Yr			8. Effect on income (+ or -): Loss of Taxes Gain From Sale of Previous Facility New Revenues			The existing pumps and controls were installed in 2000 and have reached end of service life. Newer pump designs will provide improved reliability and performance.			
3 ^{td} Yr 4 th Yr 5 th Yr		X			es				



WWTP - Master Pump Facility Upgrade

Project Title: H	enry Street 20" I	Forc	e Main Repla	cement	Crossing	at I-75			
Acct #: 411-8	3536-535-63-67		Project Code: I75RFM						
Project Priority: Infrastructure Sus City's capital asse	sipal services. efficient service delive				e the City's infrastructure to ensure ery and quality aesthetic appeal. nent practices and systems in nance.				
Previous Years	FY 2022		FY 2023	FY 2	2024	FY 2025	5	FY 2026	Total Cost
\$ 1,150,000	\$ 0	\$	1,100,000 \$ 0 \$ 0					\$ 0	\$ 2,250,000
1. Land Cost: Acres Front Ft Sq Ft Right of Way			Status of Project: X				Department: Utilities Administration Contact Person: Chuck Pavlos Project Description: FY 2023 This project will replace a 18" DIP wastewater force main which crosses under I-75. The facility was constructed in 1981 as part of I-75 initial construction. The existing		
2. Building Construction Cost: Sq. Ft. EquipmentN/A			6. Status of Land Acquisition: Not Yet Acquired Partly Acquired X Publicly Owned No Land Involved Gift						
3. Estimated Control of the Previous CIP In Present CIP Engineering Land Site Improvement	3. Estimated Costs: In Previous CIP \$ 1,150,000 \$			\$ Contractual for Services \$ Equipment \$ 1,000 Other Costs: Estimated repairs and maintenance and additional processing costs for increased capacity.			condition of the pipe is unknown.		
Landscaping									
Equipment 4. Sources of Local 1st Yr. 2nd Yr. 3rd Yr. 4th Yr. 5th Yr.	\$ Financing: State Feder	ral - - -	8. Effect o	Loss Gain Previ	of Taxes From Sa ous Faci Revenue	s ale of ility	relia	TO TO PIPO	



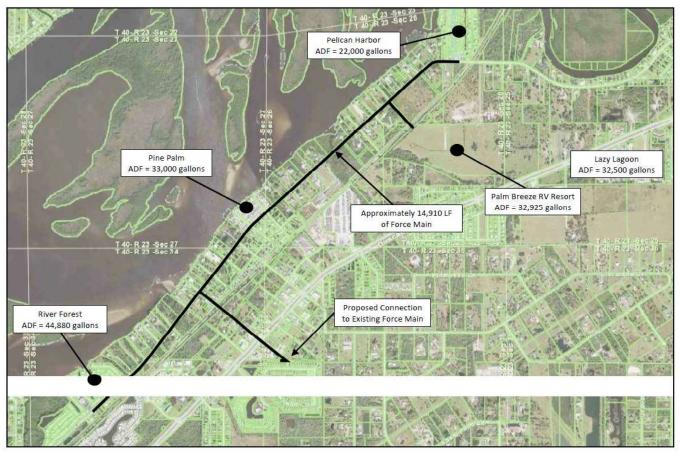
Henry Street 20" Force Main Replacement crossing at I-75

Project Title:	Henry Street 14" F	orce Main Repl	acement					
Acct #: 411	-8536-535-63-67		Proje	ect Code: HS	-FM			
	y: stainability - Maint ets and quality mu		efficie Maxim throug	nin and enhand nt service deliv nize use of new	te the City's infrastructure to ensure ery and quality aesthetic appeal. It technology in applicable areas eting procedures and investment in as for staff.			
Previous Years	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total Cost		
\$ 1,200,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,200,000		
1. Land Cost: Acres Front Sq Ft	Ft	5. StatusX	5. Status of Project: X Preliminary Estimate Survey in Progress Plans in Preparation			Department:		
2. Building C		st: 6. Status	Completed of Land Acqui Not Yet Acqui Partly Acquire Publicly Owne No Land Invo Gift	red ed ed	Project Description: FY 2021 Replace 1700 LF of 14" cast iron force main to PVC on Henry St and gravity manhole replacement at LS25 at Maud St.			
3. Estimated In Previous CIF In Present CIP Engineering Land Site Improvement	4 000 00	00	Equipment Other Cost	ervices I for Services	_			
Construction Landscaping Equipment	\$ 700,000 \$	<u>0</u> _ \$	0 Total		Project Justification: Existing 14" force main is cast iron and at the end of expected useful life. The manhole at LS25 is sinking and must be replaced as part of this project due the alignment of the 14" force main. Replacement update to PVC will increase reliability of wastewater transmission in the Henry St alignment. Force main on Henry/Marion alignment between Bal Harbor and Bass inlet has been upgraded to PVC.			
4. Sources of Local	_		on income (+ c	es				
1 st Yr 2 nd Yr 3 rd Yr 4 th Yr 5 th Yr		X	Gain From S Previous Fa New Reven No Effect	cility				



Henry Street 14" Force Main Replacement

Project Title:	Riverside Dr Forc	е Ма	in							
Acct #: 411	-8536-535-63-67				Projec	t Code: RIV	FM			
Project Priority: Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal serivces. Goal: Maintain and enhance efficient and effective appeal. Maximize the areas through capital investment in learning							serv e use budo	ice delivery and or of new technologeting procedures	quality aesthetic gy in applicable s and	
Previous Years	F Y 2022				2024	FY 2025	5 FY 2026 Total		Total Cost	
\$ 1,100,000	\$ 0		\$0 \$0 \$0					\$ 0	\$ 1,100,000	
Acres Front Sq Ft	Acres Front Ft			5. Status of Project: Preliminary Estimate Survey in Progress X Plans in Preparation				Department:		
	N/A		Completed					Project Description:		
2. Building Construction Cost: Sq. Ft. Equipment N/A 3. Estimated Costs: In Previous CIP \$ 1,100,000 In Present CIP \$			P P	ot Ye artly A ublicly o Lan ifft Dpera Pers Con Equi Othe Addition repairs process	Acquired Acquired Owned Involve In Cost In Cos	ed st (+ or -): rvices for Services	LP Promotions, LLC intends to develop certain property located within the Punta Gorda utility service area into a recreational vehicle park; and the developer has proposed to design, permit and construct a wastewater force main extension along Riverside Drive to serve the subject property as well as other developments within direct proximity of the new force main. The City desires to participate in the project by providing a 75% reimbursement to the developer and to acquire, operate and maintain the force main. The City of Punta Gorda and LP Promotions, LLC have negotiated a developer's agreement which sets the duties and responsibilities of each party with regard to the force main extension project along Riverside Drive.			
Construction	\$1,100,0	00	2.000	constr			-	ject Justification		
Landscaping Equipment	\$ \$	<u> </u>	\$ 2,000	Tota	l		mair	ending a new wa n in Riverside Dr	ive will provide	
4. Sources of Financing:			8. Effect on	incon	ne (+ or	-) :	wastewater services to the proposed project and will facilitate wastewater			
Local 1 st Yr 2 nd Yr 3 rd Yr 4 th Yr 5 th Yr	State Feder	ral - - -	TBD	Gain Previ New	xisting comn	ale of lity	project and will facilitate waste services to 4 existing commun using on-site wastewater treating and disposal facilities. The excommunities can hook up to C sewer and decommission the facilities, at a future date, upon completion of the Riverside Driforce main.			



PROPOSED FORCE MAIN EXTENSION

Riverside Drive Force Main

Project Title:	WTP Hendricksor	n Dam	Inspection	Program	and Ma	nagement			
Acct #: 411	-8422-533-63-30				Projec	t Code: DAI	MINS		
Project Priority Infrastructure Su City's capital ass		and enhance the ipal services. Goal: Apply best management infrastructure mainten						tems in	
Previous Years	FY 2022	FY	Y 2023	FY 2	2024 FY 2025		5 FY 2026		Total Cost
\$ 90,186	\$ 0		\$0 \$0 \$0					\$ 0	\$ 90,186
2. Building C Sq. Ft Equipo 3. Estimated In Previous CIF In Present CIP Engineering Land Site	X Preliminary Estimate Survey in Progress Plans in Preparation Completed Construction Cost: Not Yet Acquired Partly Acquired X Publicly Owned No Land Involved Gift Costs: 7. Effect of Operating Cost (+ 90,186 \$ 90,186 \$ Contractual for Se \$ 10,186				ress ration ition: ed st (+ or -): rvices for Services	Pro Fun dam and con reco and	partment: Utilities Adm ntact Person: Chuck Pavlo pject Description ds are program inspections a report docum dition of the da ponents and ommending ma rehabilitation. ds will be carr vious years.	n: mmed for as needed enting the am aintenance	
Site \$ Improvement \$ Construction \$ Landscaping \$ Equipment \$ \$ 4. Sources of Financing: Local State Federal 1st Yr 2nd Yr 3rd Yr 4th Yr 5th Yr 5th Yr			No additional operating cost. \$ 0				Hen from supp dam majo was speo enga dam reco	oly reservoir for	npounds water provide a water the WTP. The d in 1965 and a of the spillway 010. A ring firm will be d - to perform d to develop or maintenance



Hendrickson Dam Inspection Program

Project Title: Water Treatment Plant Water Use Permit (SWFWMD)									
Acct #: 411	-8422-533-31-14		Proj	ect Code: RO	-WUP				
	/: stainability - Main ets and quality m		s. efficie Apply	ain and enhanc nt service deliv	e the City's infrastructure to ensure ery and quality aesthetic appeal. ent practices and systems in nance.				
Previous Years	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total Cost			
\$ 180,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 200,000	\$ 200,000			
2. Building C Sq. Ft. Equipr	Owned Construction Co	x	Personal S Contractua Personal S Contractua Permit only. No present operating cost	egress paration isition: ired ed ed plived cost (+ or -): Services al for Services t ts: lo additional	Department: Utilities Adr Contact Person: Chuck Pavl Project Description FY 2026 Project will create of permitting required ates, close out to Storage and Reculous and Reculous and Revelop and Management Plaimplement a contified data monitor WUP application be 2026.	os on: e a data review direments and he Aquifer overy (ASR) ection Control round water Well Field n, and inuous well ring program.			
Construction Landscaping Equipment	\$ \$ \$	Permit				Water Use SWFWMD as a			
4. Sources of Local 1 st Yr. 2 nd Yr. 3 rd Yr. 4 th Yr. 5 th Yr. UF	_		on income (+ o Loss of Tax Gain From Previous Fa New Rever No Effect Total	es Sale of acility	necessary part of the RO WTP project. Permit modification was issued January 2018. Special condition 6 of the WUP requires the City to implement a Wellfield Management Plan (WMP). The WMP will require 2 years to implement. A monitoring plan will be implemented after the WMP adoption.				



Water Treatment Plant R.O. Water Use Permit

Project Title: Water Treatment Plant Evaluation & Rehabilitation (Filters, SCU, ALUM Tanks)									
Acct #: 411	-8422-533-65-02				Projec	t Code: WT	P-EV		
	y: stainability - Main ets and quality of		nicipal services. efficient service delive				e the City's infrastructure to ensure ery and quality aesthetic appeal. ent practices and systems in nance.		
Previous Years	FY 2022		FY 2023	FY 2	2024	FY 2025	Y 2025 FY 2026 T		
\$ 2,323,000	\$ 3,500,000	\$	17,300,000	\$	0	\$ 0		\$ 0	\$ 23,123,000
2. Building C Sq. Ft Equipm 3. Estimated In Previous CIF In Present CIP Engineering	Owned Construction Co	000	6. Status of X 7. Effect of \$ \$ \$	X Preliminary Estimate Survey in Progress Plans in Preparation Completed Pro 6. Status of Land Acquisition: Not Yet Acquired Partly Acquired X Publicly Owned No Land Involved Gift 7. Effect of Operating Cost (+ or -): \$ Project scope of scope				Dartment: Utilities Adm Intact Person: Chuck Pavlo Ject Descriptio Will provide engineering of improvements and reh ary of the WTP Filters, S recommended corrective noies to restore to proper a 20 year operating life. report (PDR) to identify a ent required, the work sesheets, and provide a coollowing improvements a GCU and Alum Tank project to be included as one valuation and Design/Co at and future are identified Filter Evaluation \$390,0 I Filter Evaluation & Des SCU Tank Coating \$50 2 ALUM Tank \$800,000	ps n: services to evaluate the abilitation work CUs and Alum Tank . e actions to resolve operating condition, and Prepare a preliminary all the work and equencing, prepare instruction cost estimate t the Shell Creek WTP. ects have all been project for the WTP instruct. below: 1000 1001 1001 1001 1001 1001 1001 10
Land Site Improvement Construction	\$ \$ \$	00	\$	Equipment Other Costs: TBD based on plan development TBD Additional funding will be identified evaluation report is completed and cost of identified. Project Justification:				and cost of construction is	
Landscaping Equipment	\$ \$		\$	_ Tota			requir been	experiencing issue	tration system has s with its granular
4. Sources of Financing: Local State Federal 1st Yr. UF/TBD TBD TBD 2nd Yr. UF/TBD TBD TBD 3rd Yr.			8. Effect on income (+ or -): Loss of Taxes Gain From Sale of Previous Facility New Revenues X No Effect Total				been experiencing issues with its granular media filters, Solids Contact Units (SCUs) and Alum Tank. Issues identified include: • Elevated filter effluent turbidity • Elevated filter headloss • Low filter run times • Deteriorating concrete in the filters ,SCU and Alum Tanks coatings. The filter, SCU and Alum tanks should be restored to design standards as soon as possible. Filtration is a critical unit process of the Water Treatment process.		







WTP Evaluation & Rehabilitation (Filter, SCU, Alum Tank)

Project Title: 5	Shell Creek MFL F	Rule Evaluation	and Reco	very Plar	า				
Acct #: 411-	-8423-533-31-14			Projec	t Code: MFI	LEVL			
	/: stainability - Maint ets and quality of						nd quality aesther ractices and syst	tic appeal.	
Previous Years	FY 2022	FY 2023	FY 2	2024	FY 2025		FY 2026	Total Cost	
\$ 200,000	\$ 100,000	\$ 100,000	\$ 100	0,000	\$ 100,000	0	\$ 100,000	\$ 700,000	
1. Land Cost: Acres Front Sq Ft	5. Status	5. Status of Project: X Preliminary Estimate Survey in Progress Plans in Preparation Completed				partment: Utilities Adm ntact Person: Chuck Pavlo	os		
Sq. Ft. Equipm 3. Estimated In Previous CIP In Present CIP Engineering Land Site Improvement	Sq. Ft. Sq. Ft. Part X Publ X Publ Sq. Ft. No L X Publ Sq. Ft. Sq. Ft. Part X Publ Sq. Ft. Publ Sq. Ft. Sq. Ft. Part X Publ Sq. Ft. Sq. Ft. Sq. Ft. Publ Sq. Ft. Sq. Ft.			t Acquired Acquired y Owned ad Involve ting Cos sonal Se tractual t ipment er Costs:	ed ed st (+ or -): rvices for Services	SWFWMD is proposing to implement a new regulation to create minimum flow criteria to Shell Creek. This new regulat will restrict water use from She Creek during low flow periods. This restriction will force the C to obtain water supply from groundwater and reverse osm treatment or purchase water from the water supply authority.			
Construction Landscaping Equipment 4. Sources of Local 1st Yr. UF 2nd Yr. UF 3rd Yr. UF 4th Yr. UF 5th Yr. UF	State Federal			_ Total n income (+ or -): Loss of Taxes Gain From Sale of Previous Facility New Revenues No Effect			Project Justification: SWFWMD rule making is authorized by Florida Statutes. If SWFWMD implements water—use restrictions, the City will need to identify and implement new water supply projects. Project identification is dependent upon rule making outcome.		



WTP - Shell Creek MFL Rule Evaluation and Recovery Plan

Project Title: Water Treatment Plant Booster Station (Burnt Store Rd)									
Acct #: 411-	-8422-533-65-06		Proje	ct Code: BO	OST				
	/: stainability - Main ets and quality mu		e the Mainta efficier Apply	Goal: Maintain and enhance the City's infrastructure to ensure efficient service delivery and quality aesthetic appeal. Apply best management practices and systems in infrastructure maintenance.					
Previous Years	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total Cost			
\$ 0	\$ 0	\$ 0	\$ 3,300,000	\$ 0	\$ 0	\$ 3,300,000			
1. Land Cost: Acres Front Sq Ft		5. Status X	of Project: Preliminary E: Survey in Pro- Plans in Prep: Completed	gress	Contact Person: Chuck Pa Project Descript	vlos			
Sq. Ft.		6. Status X	of Land Acqui Not Yet Acqui Partly Acquire Publicly Owne No Land Invol Gift	red ed	FY 2024 Add high service to Burnt Store R tank.	•			
3. Estimated of In Previous CIP In Present CIP Engineering Land Site Improvement		\$ 00 \$ \$3,00	\$ Contractual for Services \$ Equipment						
Construction Landscaping Equipment	\$ \$ \$	\$ 3,00	0 <u>0</u> Total		Project Justification Improve water suppressure to water	torage and er distribution			
4. Sources of Local 1 st Yr. 2 nd Yr. 3 rd Yr. 4 th Yr. 5 th Yr.	Financing: State Feder		Loss of Taxi Gain From S Previous Fa New Reveni No Effect Total	es Sale of cility	lines in Burnt St	ore zone.			



Water Treatment Plant Booster Station (Burnt Store Rd)

Project Title: \	Water Treatment	Plant	t - RO Brine I	Disposal	Well Me	chanical Inte	grity ⁻	Testing (MIT)	
Acct #: 411-	8422-533-31-14				Projec	t Code: WP	-MIT		
Project Priority Partnerships, Co to promote partne with all stakehold				Goal: Emphas activities	•	ency i	n City operations	, reporting, and	
Previous Years	FY 2022		FY 2023	FY 2	2024	FY 2025	,	FY 2026	Total Cost
\$ 65,000	\$ 0		\$ 0 \$ 0 \$ 150,000					\$ 0	\$ 215,000
2. Building C Sq. Ft. Equipr	Ft N/A Construction Co	00	5. Status of X	Prelimi Survey Plans i Comple of Land Not Ye Partly Publich No Lar Gift f Opera Pers Con Equ Othe Requ	in Progr in Prepareted Acquisi Acquired Acquired y Owned id Involve ting Cos	ress ration ition: ed st (+ or -): rvices for Services	Inte	ninistration ns n: m Mechanical MIT) for the gulated by an ction Control	
Improvement Construction	\$	_	c	opera	ting costs.	aluonai		eject Justification	
Landscaping Equipment	\$ \$	<u> </u>	\$	<u>0</u> Tota	ıl		well	e WTP RO brin I is regulated b	y an
4. Sources of Financing: Local State Federal 1st Yr. 2nd Yr. 3rd Yr. 4th Yr. UF 5th Yr.		ral - - -	8. Effect on income (+ or -): Loss of Taxes Gain From Sale of Previous Facility New Revenues X No Effect Total			Underground Injection Control (UIC) permit. Permit compliance requires Mechanical Integrity Testing (MIT) at 5 year intervals.			



WTP RO Brine Disposal Well Mechanical Integrity Testing (MIT)

Project Title: \	Nater Treatment	Plant RC	O - Brine	Disposal	Well (DI	W) Permit Re	enewa	al	
Acct #: 411	-8422-533-31-14				Projec	t Code: WP	DIWF)	
	ommunication and note partnerships,	commu						n City operations	, reporting, and
Previous Years	FY 2022	FY	2023	FY 2	2024	FY 2025	,	FY 2026	Total Cost
\$ 60,000	\$ 0	\$	\$ 0 \$ 0 \$ 85,00					\$ 0	\$ 145,000
2. Building C	Ft N/A Construction Co	st: 6.	Status of X Status of X Effect of A	Prelimi Survey Plans ii Comple of Land Not Ye Publicly No Land Gift of Opera Cont Cont Cont Cont Cont Cont Cont Cont	in Programeted Acquisit Acquired County Owned In Involved Acquired County Owned Acquired County Owned Coun	ress ration ition: ed d ed st (+ or -): rvices for Services	Pro FY2 Fun eng perr the Plar (DIV UIC issu of E	mit application	ed are for ces to prepare materials for ater Treatment isposal Well ulated by ction Control ired and Department Protection
Construction	\$	_ _		0 - 1				ject Justification	
Landscaping Equipment	\$ \$	_		<u>0</u> Tota	i l		Env	ida Departme ironmental Pro	otection
			8. Effect on income (+ or -): Loss of Taxes Gain From Sale of Previous Facility New Revenues X No Effect			requires the Water Treatment Plant to renew it's Underground Injection Control (UIC) permit for Deep Injection Well (DIW) every 5 years. City applied for operating permit October 2021. Next permit renewal is due October 2026.			



WTP RO Brine Disposal Well (DIW) Permit Renewal

Project Title:	Water Treatment	Plant - H	lydro Biol	logical M	lonitorin	g Plan (HBMI	²)			
Acct #: 411	-8422-533-31-14				Projec	t Code: WP	НВМ	P		
attractive neighboritage tourism,	y: Enhance and pro orhoods and work cultural opportur tyle, and its vibra	ting envii ities, hea	ronment, althy eco	-system	Goal: Meet all	water quality	∕ stan	dards (primary a	nd secondary).	
Previous Years	FY 2022	FY 2	2023	FY 2	024	FY 2025	5	FY 2026	Total Cost	
\$ 0	\$ 0	\$	\$ 0 \$ 0 \$ 100,00					\$ 0	\$ 100,000	
2. Building C	Ft N/A Construction Co ment N/A Costs: \$ 100,0 \$ 100,0 \$ \$	st: 6.	\$ Contractual for Service \$ Equipment \$ Other Costs:			ress ration ition: ed ded st (+ or -): rvices for Services	Pro FY 2 SWF a sa docu Shel is re year requ cost budg cycle 2020		e permit requires ng plan to conditions of g and sampling thly basis each report is r cycle. The report is r recurring as completed in abered are for	
Improvement \$ Construction \$ Landscaping \$ Equipment \$ A. Sources of Financing: Local State Federal 1st Yr 2nd Yr 2nd Yr 2nd Yr 5th Yr. UF 5th Yr.			\$0 Total 8. Effect on income (+ or -): Loss of Taxes Gain From Sale of Previous Facility New Revenues X No Effect				Project Justification: The City Water Treatment Plant (WTP) obtains source water from Shell Creek, authorized by a Water Use Permit (WUP) issued by SWFWMD. The WUP requires the City to perform water quality testing, complete data and furnish a technical report to demonstrate permitted water use complies with regulatory standards. The composite activities consisting of water sampling, testing, data analysis and preparation of a 5 year technical summarizeport are assigned the term Hydro		ent Plant (WTP) om Shell Creek, Use Permit (WUP) The WUP requires er quality testing, ish a technical ermitted water use y standards. The nsisting of water analysis and technical summary term Hydro	
		\$	Total					Biological Monitoring Plan.		

ATKINS

CITY OF PUNTA GORDA

Si-ELL CREEK HYDROBIOLOSICAL MONITORING PROGRAM
FIVE YEAR COMPREHENSIVE SUMMARY REPORT

FIVE YEAR OF MONITORING STEEL COATED DOWNSTREAM OF RESERVOIR

Figure 2-2 Shell Creek HBMP monitoring site locations situated downstream of the reservoir

WTP Hydro Biological Monitoring Plan (HBMP)

Project Title: \	NTP Carbon Slur	ry System	Replac	cement					
Acct #: 411	-8422-533-63-04				Projec	t Code: CAI	RBOI	N	
	/: stainability - Main ets and quality m				efficient Apply be	service deliv	ery a ent p	City's infrastruct nd quality aesthe oractices and systee.	tic appeal.
Previous Years	FY 2022	FY 20	023	FY 2	2024 FY 2025			FY 2026	Total Cost
\$ 0	\$ 0	\$ C	\$ 0 \$ 0 \$ 1,100,00					\$ 0	\$ 1,100,000
2. Building C Sq. Ft. Equipm 3. Estimated In Previous CIP In Present CIP Engineering Land Site	Ft N/A Construction Coment N/A Costs: \$ 1,100,0 \$ \$ \$ \$	5. Status of Project: X Preliminary Estimate Survey in Progress Plans in Preparation Completed				ress ration ition: ed ded st (+ or -): rvices for Services	Pro FY Des rep Car acti tanl	k is proposed	os on: ruction existing for powder (PAC). a new
Improvement \$ 1,100,000 Construction \$ Landscaping \$ Equipment \$ 4. Sources of Financing: Local State Federal			\$0 Total 8. Effect on income (+ or -): Loss of Taxes				The	-	on silo system r replacement
1 st Yr 2 nd Yr 3 rd Yr 4 th Yr 5 th Yr		-	X	Previ	From Sa ous Fac Revenue	ility			



WTP Carbon Slurry System Replacement

Project Title:	WTP - Dewatering	g Sludge Press F	Replacement				
Acct #: 411	-8422-533-64-30		Proj	ect Code: WP	SLPR		
	y: stainability - Main ets and quality m		. efficie Apply	ain and enhand ent service deliv	e the City's infrastructure to ensure ery and quality aesthetic appeal. ent practices and systems in nance.		
Previous Years	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total Cost	
\$ 0	\$ 600,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 600,000	
2. Building C Sq. Ft Equipo 3. Estimated In Previous CIF In Present CIP Engineering Land Site	Ft N/A Construction Co ment N/A Costs:	X	of Project: Preliminary E Survey in Pro Plans in Prep Completed of Land Acqu Not Yet Acqu Partly Acquire Publicly Own No Land Invo Gift of Operating O Personal S Contractua Equipmen Other Cos	isition: ired ed ed olved Cost (+ or -): Services al for Services t	Department: Utilities Ad Contact Person: Chuck Pav Project Descripti FY2022 Project will consireplacement of o steering cylinder ware bars, chica wash water pum motors at the slu	ist of drive rollers, es, poly grid ne blades, p and drive	
Improvement Construction Landscaping Equipment 4. Sources of Local 1st Yr. UF 2nd Yr. 3rd Yr. 4th Yr. 5th Yr.	_	8. Effect	on income (+ o Loss of Tax Gain From Previous Fa New Rever No Effect Total	ces Sale of acility	Project Justification WTP purchased 1989 Ashbrook 2 in September, 20 watering sludge life expectancy a programmed to be	a refurbished 2.2 meter press 003. The de- press is at it's and is	



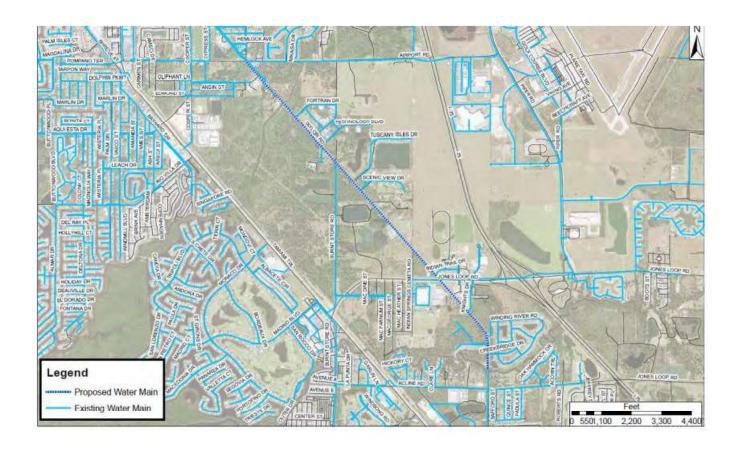
WTP - Dewatering Sludge Press Replacement

Project Title: WTP - 2 MG Storage Tank Baffle Curtain Replacement										
Acct #: 411	-8422-533-65-02				Projec	t Code: WP	2MG1	Γ		
Project Priority: Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services. Goal: Maintain and enha efficient service de Apply best manage infrastructure main							ery ar ient pi	nd quality aesthe ractices and syst	tic appeal.	
Previous Years	FY 2022		FY 2023	FY 2	024	FY 2025	5 FY 2026 Total Cost			
\$ 0	\$ 500,000		\$ 0	\$	0	\$ 0		\$ 0	\$ 500,000	
2. Building C	Ft N/A Construction Co		6. Status o	5. Status of Project: X Preliminary Estimate Survey in Progress Plans in Preparation Completed 6. Status of Land Acquisition: Not Yet Acquired Partly Acquired X Publicly Owned No Land Involved Gift 7. Effect of Operating Cost (+ or -): \$ Personal Services \$ Contractual for Services \$ Equipment				Dartment: Utilities Administrat Person: Chuck Pavko Diect Description 022 ect will replace ains due to de age.	os n: e 3 baffle	
Construction	\$			_				ject Justification		
Landscaping Equipment	\$ \$ 500,0	00	\$	0 Tota	l		plac	2 MG Storage ed into service	e in	
Local State Federal 1 st Yr. UF 2 nd Yr 3 rd Yr 4 th Yr				8. Effect on income (+ or -): Loss of Taxes Gain From Sale of Previous Facility New Revenues			January,1996. Regulatory inspection of the tanks are done every 5 years. Inspection of storage tank was completed 8/5/20. During inspection it was identified 1 of the 3 baffle curtains are in bad shape and			
5 th Yr	-	140 E1100t			the 2 other baffle curtains are approaching end of life.					



WTP - 2 MG Storage Tank Baffle Curtain Replacement

Project Title: Taylor Rd 10" Water Main Replacement Upgrade										
Acct #: 411	-8423-533-63-21				Projec	t Code: TAY	/WMI	J		
	/: stainability - Main ets and quality m		ipal services. efficient service delive				ery ar ent p	e the City's infrastructure to ensure ery and quality aesthetic appeal. ent practices and systems in nance.		
Previous Years	FY 2022	FY 2023	FY 2024 FY 2025			,	FY 2026	Total Cost		
\$ 3,250,000	\$ 0		\$0 \$0 \$0					\$ 0	\$ 3,250,000	
2. Building C Sq. Ft. Equipr	of Way construction Co ment N/A Costs: \$ 3,250,0 \$ 250,0 \$	00	5. Status of X	Preliming Survey Plans in Complete of Land Not Year Publicly No Lan Gift Fopera Pers Cont	nary Estin Program Prepareted Acquired Acquired Ownedd Involved Conal Seria	ress ration ition: ed st (+ or -): rvices for Services	Pro Rep mai in T Allig	partment: Utilities Administed Person: Chuck Pave piect Description place existing in with new 12 faylor Rd from gator Creek Briter impacts cando 50% of projects	on: 10" CI water " water main Airport Rd to ridge. n be used	
Construction Landscaping Equipment	Construction \$ 3,000,000 Landscaping \$				I		Project Justification: The existing water main is cast iron and is over 50 years old.			
4. Sources of Financing: Local State Federal 1st Yr.			8. Effect on income (+ or -): Loss of Taxes Gain From Sale of Previous Facility				Cast iron pipe is functionally obsolete. This line could be subject to end of life pipe condition resulting in repairs and interruption of service to customers.			



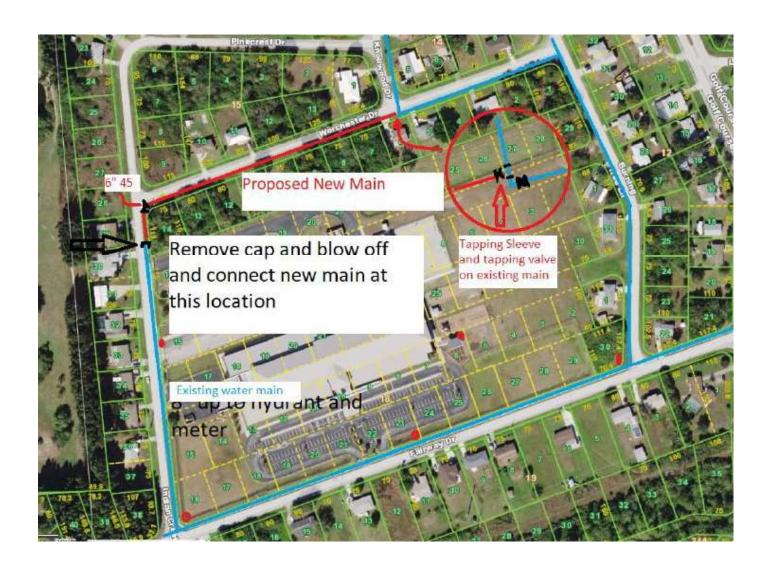
Taylor Rd 10" Water Main Replacement Upgrade

Project Title: Solona Water Main Replacement Upgrade									
Acct #: 411-8423-533-63-21									
Project Priority: Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.				Goal: Maintain and enhance the City's infrastructure to ensure efficient service delivery and quality aesthetic appeal. Apply best management practices and systems in infrastructure maintenance.					
Previous Years	FY 2022		FY 2024	FY 2025	FY 2026	Total Cost			
\$ 200,000	\$ 0	\$ 0	\$ 3,000,000	\$ 0	\$ 0	\$ 3,200,000			
1. Land Cost: Acres Front Ft Sq Ft Right of Way		5. Status	of Project: Preliminary Es Survey in Prog Plans in Prepa Completed	ress	Department:				
Sq. Ft.		st: 6. Status	of Land Acquis Not Yet Acquired Partly Acquired Publicly Owned No Land Involv Gift	ed I I	FY 2024 Funds will replace existing 8" Cast Iron (CI) water main in Marion Avenue from Cooper Street to Florida Street.				
3. Estimated In Previous CIP In Present CIP Engineering Land Site Improvement	200.0	00 \$	Personal Se Contractual Equipment Other Costs Renewal/Replaexisting lines. Noperating cost.	rvices for Services :					
Construction \$ 3,000,000 Landscaping \$ Equipment \$ 4. Sources of Financing:		\$	<u>0</u> Total on income (+ or	-):	Project Justification: The existing water main is cast iron and is over 50 years old. Cast iron pipe is functionally				
Local 1 st Yr 2 nd Yr 3 rd Yr 4 th Yr 5 th Yr	State Feder	al	Loss of Taxe Gain From S Previous Fac New Revenu No Effect Total	ale of ility	obsolete. This line could be subject to end of life pipe condition resulting in repairs and interruption of service to customers.				



Solona Water Main Replacement Upgrade

Project Title: \	Water Main Exter	sion Te	ee & Greer	า					
Acct #: 411-8423-533-63-21									
Project Priority Infrastructure Su City's capital ass	stainability - Main				efficient Apply be	service delive	ery ar ent p	City's infrastructond quality aestheractices and system	tic appeal.
Previous Years	FY 2022	FY	FY 2023 FY 2		2024 FY 2025		FY 2026 T		Total Cost
\$ 50,000	\$ 200,000		\$ 0	\$	0	\$ 0		\$ 0	\$ 250,000
1. Land Cost: Acres Front Ft Sq Ft Right of Way 2. Building Construction Cost: Sq. Ft. Equipment N/A 3. Estimated Costs: In Previous CIP \$ 50,000 In Present CIP \$ 200,000 Engineering \$ 50,000 Land \$ Site \$			5. Status of Project: X Preliminary Estimate Survey in Progress Plans in Preparation Completed 6. Status of Land Acquisition: Not Yet Acquired Partly Acquired X Publicly Owned No Land Involved Gift 7. Effect of Operating Cost (+ or -): \$ Personal Services \$ Contractual for Services \$ Lquipment \$ 1,000 Other Costs: Maintenance			Department: Utilities Administration Contact Person: Chuck Pavlos Project Description: FY 2022 Construct 6" water main in Tee and Green, Indian Creek Lane, Worchester Drive, and Burning Tree Lane. Funded with water impacts			
Improvement \$ 200,000 Landscaping \$		\$ 8	\$1,000 Total 8. Effect on income (+ or -): Loss of Taxes Gain From Sale of Previous Facility New Revenues New Revenues & impact fee will be received as area is developed No Effect \$ TBD Total			sale of ility es uues & impact fees	Project Justification: Project constructed in 1994 by City forces omitted water lines on three streets in Tee and Green. Existing homes and new construction will be able to become water customers. New water main will provide loop to existing 3 dead end lines providing growth and funding through impact fees.		



Water Main Extension Tee and Green

Project Title: E	Bal Harbor Water	Main Replacem	ent Upgrade	!				
Acct #: 411-8423-533-63-21								
	/: stainability - Main ets and quality mo		ce the Marks. ef	ficient s	service delive	ery ar ent pi	City's infrastruct nd quality aesthe ractices and syst	tic appeal.
Previous Years	FY 2022	FY 2023	FY 202	2024 FY 2025		FY 2026		Total Cost
\$ 0	\$ 0	\$ 0	\$ 0		\$ 0		\$ 600,000	
1. Land Cost: Acres Front Ft Sq Ft Right of Way		5. Status	Status of Project: X			Department:		
Sq. Ft.	nent N/A	x	6. Status of Land Acquisition: Not Yet Acquired Partly Acquired X Publicly Owned No Land Involved Gift 7. Effect of Operating Cost (+ or -):			FY 2026 Water Distribution has investigated low pressure calls from PGI Section 12 and 14. The water main between Aqui Esta and Albatross is10". This line segment is causing		
In Previous CIP In Present CIP Engineering Land Site Improvement	\$ 600,00 \$ 120,00 \$ \$ \$ \$	\$ 00	Person Contra Equipn Other (Renewal	nal Servictual for nent Costs: /Replace ines. No	vices or Services	significant pressure drop. A larger pipe is needed to cor low pressure events.		
Construction \$ 480,000 Landscaping \$ Equipment \$		\$	\$0 Total			Project Justification: Improve operation of water distribution facilities.		
4. Sources of Local 1 st Yr. 2 nd Yr. 3 rd Yr. 4 th Yr. 5 th Yr. UF	State Feder		on income Loss of Gain Fre Previous New Re No Effec	Taxes om Sal s Facil	e of			



Bal Harbor Water Main Replacement Upgrade