PORT ORANGE CITY COUNCIL WORKSHOP

Council Chambers

Tuesday, June 14, 2016 @ 6:30 PM

WORKSHOP AGENDA

Pursuant to Section 3.06 of the Charter of the City of Port Orange, the Mayor has called a **Workshop** of the City Council to be held for the following purposes:

OPENING

1. Pledge of Allegiance
2. Silent Invocation
3. Roll Call
4. Rules of Procedure

DISCUSSION ITEMS

5. CIP

ADJOURNMENT

CITY COUNCIL AGENDA ITEM

REQUESTED COUNCIL MEETING DATE **06/14/2016**

Consent item: No

SUBJECT: CIP

DEPARTMENT: Finance

GOAL:

OBJECTIVE:

RECOMMENDED MOTION:

SUMMARY: This workshop will concentrate solely on the FY17-22 CIP with emphasis on the FY17 deliverables. Staff will present the highlights of the CIP focusing on a priority list of existing and new projects based on Council input during the previous year and recent strategic visioning meetings. Staff is seeking direction on the CIP as we move forward in the process.
Council received Draft 1 on April 19th with comments due back to staff by May 27th for inclusion in this brief. Attached is Draft 2 dated June 9, 2016 which shows some adjustments based on staff meetings with the City Manager.

Project No.: Funding Account No.:

ATTACHMENTS:

1.	FY17-FY22 CIP - Draft 2 - 06-09-16	FY17 - FY22 CIP - Draft 2 - 06-09-16.pdf

Robin Fenwick — Created/Initiated - 06/09/2016
M. Jake Johansson — Final Approval - 06/09/2016

Capital Improvement Program (CIP)
FY17 through FY22

Draft 2

June 14, 2016

(Distributed to City Council for review in 06/14/16 Workshop)

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Capital Improvement Program (CIP)
FY 2017 - FY 2022
Table of Contents

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Capital Improvement Program

The Capital Improvement Program (CIP) provides the means through which the City of Port Orange takes a planned and programmed approach to utilizing available financial resources in the most responsive and efficient manner in order to meet the public service and facility needs of its citizens. The annual process involves the assessment and coordination of the capital needs across the City. Each department evaluates its current capital inventory and service capabilities and develops a list of capital needs which are combined into the Citywide CIP.

In developing the long-term capital improvement plan, a number of factors are considered. First, projects are evaluated for their consistency with the City Comprehensive Plan and with the goals, objectives, and priorities of the City Council. Higher priority is given to projects that are necessary to either maintain service levels or to correct existing deficiencies in service standards.

Next, potential funding sources for each proposed project are identified. Such revenue sources include, but are not limited to:

- General Revenues
- Special Revenue Funds
- Tax Increment District Funds
- Impact Fees and Developer Contributions
- Federal, State, and County Grants
- General Obligation and Revenue Bonds
- State Revolving Loan Funds and Short-term Notes

The current financial condition of various funding sources and forecast revenues and expenditures over the six-year planning period are used to determine the capability of the City to finance and carry out requested projects.

Finally, each project is evaluated for its overall impact on the City's annual operating budget. Future operating expenses and revenues associated with each capital improvement are projected and factored into the overall review process. Such factors include:

- Increases or decreases in staffing levels
- Impact on annual maintenance and operating costs
- New annual revenue sources
- Improvements in operations and/or service delivery to citizens

The CIP is an important management tool for City Council and staff. It also provides valuable information for citizens, businesses, and other government agencies interested in the overall development of the City.

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Summary by Department and Funding Status

(in thousands)

Community Development

#	Project	Department	Funding Status	Funding Source	FY17	FY18	FY19	FY20	FY21	FY22	Total	Pg. #
200905	Williamson Blvd North of Pavilion	Comm. Dvlp.	Contingent Proposed	Dvlpr Constr.	-	-	-	220	261	2,200	2,681	37
200907	Coraci Blvd Extension	Comm. Dvlp.	Contingent Proposed	Dvlpr Constr.	-	-	-	-	257	2,150	2,407	38
201008	Yorktowne Blvd North Section (Nautica Lakes)	Comm. Dvlp.	Funded	312	6	-	120	-	-	-	126	39
	Yorktowne Blvd North Section (Nautica Lakes)	Comm. Dvlp.	Contingent Proposed	TPO Grant	54	-	1,080	-	-	-	1,134	
201015	Willow Run Blvd Widening	Comm. Dvlp.	Funded	301 (Restricted)	-	-	-	180	1,500	-	1,680	40
201107	City Entrance Sign with Landscaping	Comm. Dvlp.	Funded	317	40	-	-	-	-	-	40	41
	City Entrance Sign with Landscaping	Comm. Dvlp.	Unfunded	317	-	450	-	-	-	-	450	
201210	North Spruce Creek Road Sidewalk	Comm. Dvlp.	Funded	312		41	-	-	-	-	41	42
	North Spruce Creek Road Sidewalk	Comm. Dvlp.	Contingent Proposed	TPO Grant	68	364	-	-	-	-	432	
201211	Victoria Gardens Blvd. Sidewalk	Comm. Dvlp.	Funded	312	4	39	-	-	-	-	43	43
	Victoria Gardens Blvd. Sidewalk	Comm. Dvlp.	Contingent Proposed	TPO Grant	90	352	-	-	-	-	442	
201212	McDonald Road Sidewalk	Comm. Dvlp.	Funded	312	50	-	-	-	-	-	50	44
	McDonald Road Sidewalk	Comm. Dvlp.	Contingent Proposed	TPO Grant	452	-	-	-	-	-	452	
201335	Herbert Street Sidewalk - East	Comm. Dvlp.	Funded	312	-	2	38	-	-	-	40	45
	Herbert Street Sidewalk - East	Comm. Dvlp.	Contingent Proposed	TPO Grant	18	68	337	-	-	-	423	
201336	Willow Run Blvd. Sidewalk (South Side)	Comm. Dvlp.	Funded	312	-	-	7	-	-	-	7	46
	Willow Run Blvd. Sidewalk (South Side)	Comm. Dvlp.	Contingent Proposed	TPO Grant	14	32	90	-	-	-	136	
201338	S. Ridgewood Ave. Landscape Improvements	Comm. Dvlp.	Funded	317	56	-	-	-	-	-	56	47
	S. Ridgewood Ave. Landscape Improvements	Comm. Dvlp.	Contingent Proposed	FDOT Grant	500	-	-	-	-	-	500	
201545	Riverwalk Park	Comm. Dvlp.	Funded	317	5	-	-	-	-	-	5	48
	Riverwalk Park	Comm. Dvlp.	Contingent Proposed	Various Grants	43	519	250	-	-	-	812	
201647	WB Dunlawton Ave. Right Turn Lane at City Cir Pkwy.	Comm. Dvlp.	Funded	301 (Restricted)	3	21	-	-	-	-	24	49
	WB Dunlawton Ave. Right Turn Lane at City Cir Pkwy.	Comm. Dvlp.	Contingent Proposed	TPO Grant	27	181	-	-	-		208	
201648	Landscape Improvements at I-95 Interchange	Comm. Dvlp.	Contingent Proposed	FDOT Grant	-	500		-	-	-	500	50
201749	Halifax Drive Linear Park (Multi-Purpose	Comm. Dvlp.	Funded	312	3	10	60	-	-	-	73	51
	Halifax Drive Linear Park (Multi-Purpose Trail)	Comm. Dvlp.	Contingent Proposed	TPO Grant	27	90	540	-	-	-	657	
201750	Eastbound Dunlawton Ave. Right Turn Lane	Comm. Dvlp.	Funded	301 (Restricted)	-	2	4	21	-	-	27	52
	Eastbound Dunlawton Ave. Right Turn Lane	Comm. Dvlp.	Contingent Proposed	TPO Grant	-	13	36	189	-	-	238	
201751	WB Dunlawton Ave. Right Turn Lane at Nova Rd.	Comm. Dvlp.	Funded	301 (Restricted)	-	2	4	21	-	-	27	53
	WB Dunlawton Ave. Right Turn Lane at Nova Rd.	Comm. Dvlp.	Contingent Proposed	TPO Grant	-	13	36	189	-	-	238	
201752	Former Police Department Renovations	Comm. Dvlp.	Funded	317	800	-	-	-	-	-	800	54
201753	City Hall Repurposing	Comm. Dvlp.	Funded	317	250	-	-	-	-	-	250	55
Fleet	Veh Rplcmnt - CD Planning	Comm. Dvlp.	Funded	505	-	-	-	-	-	-	-	56
Fleet	Veh Rplcmnt - CD Building	Comm. Dvlp.	Funded	505	46	23	-	-	-	-	69	
Fleet	Veh Rplc - CD Comm Imprv	Comm. Dvlp.	Funded	505	-	44	-	-	-	-	44	
Fleet	Veh Rplcmnt - CD Engrng	Comm. Dvlp.	Funded	505	45	-	-	-	-	-	45	
	Total Community Development - All:				**2,601**	**2,766**	**2,602**	**820**	**2,018**	**4,350**	**15,157**	
	Community Development - Funded:				**1,308**	**184**	**233**	**222**	**1,500**	**-**	**3,447**	
	Community Development - Unfunded:				**-**	**450**	**-**	**-**	**-**	**-**	**450**	
	Community Development - Contingent Proposed:				**1,293**	**2,132**	**2,369**	**598**	**518**	**4,350**	**11,260**	
	Total Community Development - All:				**2,601**	**2,766**	**2,602**	**820**	**2,018**	**4,350**	**15,157**	

Fund Legend:

001 General Fund	301 Capital Projects (Gas Tax)	401 W/S Operating	412 Drainage
106 Recreation Facilities (YMCA)	312 Transp. Impact Fee	403 W/S R&R	450 Golf Course
109 Building Special Revenue	317 General Capital	405 W/S Impact Fee	505 Lease & Replacement
			506 Building Maintenance

(in thousands)

#	Project	Department	Funding Status	Funding Source	FY17	FY18	FY19	FY20	FY21	FY22	Total	Pg. #
Fire												
200723	12 Lead Heart Monitors	Fire	Funded	505	60	60	-	-	-	-	120	59
201023	Thermal Imaging Camera Replacement Program	Fire	Funded	505	-	-	16	16	16	-	48	60
201637	Extrication Equipment	Fire	Funded	505	40	40	-	-	-	-	80	61
Fleet	Veh - Rplcmnt - Fire	Fire	Funded	505	37	725	680	-	135	-	1,577	62
	Total Fire - All:				**137**	**825**	**696**	**16**	**151**	**-**	**1,825**	
	Fire - Funded:				**137**	**825**	**696**	**16**	**151**	**-**	**1,825**	
	Fire - Unfunded:				**-**	**-**	**-**	**-**	**-**	**-**	**-**	
	Fire - Contingent Proposed:				**-**	**-**	**-**	**-**	**-**	**-**	**-**	
	Total Fire - All:				**137**	**825**	**696**	**16**	**151**	**-**	**1,825**	

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#	Project	Department	Funding Status	Funding Source	FY17	FY18	FY19	FY20	FY21	FY22	Total	Pg. #
Information Technology (IT)												
200501	City Municipal Network	Info. Tech.	Funded	505	45	30	30	30	30	30	195	65
200503	Maintain Hardware Infrastructure	Info. Tech.	Funded	505	85	25	25	25	25	25	210	66
201320	Video Security Program	Info. Tech.	Funded	505	40	-	-	-	-	-	40	67
201321	Public Safety Technology Refresh	Info. Tech.	Funded	505	30	30	30	30	30	30	180	68
201501	Enterprise Resource Planning System	Info. Tech.	Funded	505	400	100	-	-	-	-	500	69
201625	City Hall Datacenter Renovations	Info. Tech.	Funded	317	25	-	-	-	-	-	25	70
201626	Virtual Desktop Infrastructure	Info. Tech.	Funded	505	100	100	-	-	-	-	200	71
201728	Conference Room Upgrades	Info. Tech.	Unfunded	317	35	-	-	-	-	-	35	72
201729	PogTV Studio Upgrades	Info. Tech.	Unfunded	317	47	10	-	-	-	-	57	73
Fleet	Veh Rplcmnt - IT	Info. Tech.	Funded	505	22	-	-	-	-	-	22	74
	Total Information Technology - All:				**829**	**295**	**85**	**85**	**85**	**85**	**1,464**	
	Information Technology - Funded:				**747**	**285**	**85**	**85**	**85**	**85**	**1,372**	
	Information Technology - Unfunded:				**82**	**10**	**-**	**-**	**-**	**-**	**92**	
	Information Technology - Contingent Proposed:				**-**	**-**	**-**	**-**	**-**	**-**	**-**	
	Total Information Technology - All:				**829**	**295**	**85**	**85**	**85**	**85**	**1,464**	

Fund Legend:

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Summary by Department and Funding Status

(in thousands)

Parks & Recreation

#	Project	Department	Funding Status	Funding Source	FY17	FY18	FY19	FY20	FY21	FY22	Total	Pg. #
200965	Fence, Dugout & Backstop Replacement	Parks & Rec.	Funded	317	-	100	100	140	-	-	340	77
201270	Causeway Dock Refurbishment	Parks & Rec.	Funded	317	130				-	-	130	78
201270	Causeway Dock Refurbishment	Parks & Rec.	Unfunded	317	201	161					362	
201373	Playground Resurfacing	Parks & Rec.	Funded	317	70	28	-	-	-	-	98	79
201376	Parks Maintenance Storage	Parks & Rec.	Unfunded	317	200	-	-	-	-	-	200	80
201378	West Side Sports Complex	Parks & Rec.	Contingent Proposed	Bond / Debt	860	60	1,150	575	575	575	3,795	81
201481	Ball Field Lamp Rplcmnt	Parks & Rec.	Funded	317	-	-	255	185	148	-	588	82
201582	Gym Floor Replacement	Parks & Rec.	Funded	317	103	-	-	-	-	-	103	83
201686	Gym Renovations / Repurpose	Parks & Rec.	Funded	317	-	-	-	-	30		30	84
			Unfunded	317	-	-			-	270	270	
201687	Facility Painting & HVAC Replacement - Lakeside	Parks & Rec.	Funded	317	54	-	-	-	-	-	54	85
201688	Renovate South Baseball Field at Spruce Creek Park	Parks & Rec.	Funded	317	-	-	-	-	220	-	220	86
201689	Gymnasium Painting	Parks & Rec.	Funded	317	-	36	-	-	-	-	36	87
201691	Spruce Creek Canoe / Kayak Launch	Parks & Rec.	Unfunded	317	198	-	-	-	-	-	198	88
201792	Restroom / Concession Facility	Parks & Rec.	Unfunded	317	-	260	-	-	-	-	260	89
201794	Playground Replacements	Parks & Rec.	Funded	317	35	143	-	-	-	-	178	90
201794	Playground Replacements	Parks & Rec.	Contingent Proposed		35	142					177	
201795	Westside Community Center	Parks & Rec.	Contingent Proposed	Grants / Bond	-	-	55	4,000	-	-	4,055	91
Fleet	Veh Rplcmnt - Parks & Rec	Parks & Rec.	Funded	505	61	178	73	24	113	26	475	92
	Total Parks & Recreation - All:				**1,947**	**1,108**	**1,633**	**4,924**	**1,086**	**871**	**11,569**	
	Parks & Recreation - Funded:				**453**	**485**	**428**	**349**	**511**	**26**	**2,252**	
	Parks & Recreation - Unfunded:				**599**	**421**	**-**	**-**	**-**	**270**	**1,290**	
	Parks & Recreation - Contingent Proposed:				**895**	**202**	**1,205**	**4,575**	**575**	**575**	**8,027**	
	Total Parks & Recreation - All:				**1,947**	**1,108**	**1,633**	**4,924**	**1,086**	**871**	**11,569**	

Fund Legend:

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(in thousands)

#	Project	Department	Funding Status	Funding Source	FY17	FY18	FY19	FY20	FY21	FY22	Total	Pg. #
Police												
201434	Project-25 FCC Police Radio Compatibility & Rplcmnt	Police	Funded	505	401	401	-	-	-	-	802	95
200831	Public Safety Training Facility	Police	Funded	607	435	-	-	-	-	-	435	96
Fleet	Veh Rplcmnt - Police	Police	Funded	505	588	532	371	686	309	311	2,797	97-99
	Total Police - All:				**1,424**	**933**	**371**	**686**	**309**	**311**	**4,034**	
	Police - Funded:				**1,424**	**933**	**371**	**686**	**309**	**311**	**4,034**	
	Police - Unfunded:				**-**	**-**	**-**	**-**	**-**	**-**	**-**	
	Police - Contingent Proposed:				**-**	**-**	**-**	**-**	**-**	**-**	**-**	
	Total Police - All:				**1,424**	**933**	**371**	**686**	**309**	**311**	**4,034**	

Fund Legend:

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City of Port Orange, Florida
Capital Improvement Program (CIP) FY17 - FY22
Summary by Department and Funding Status
(in thousands)

Public Utilities

#	Project	Department	Funding Status	Funding Source	FY17	FY18	FY19	FY20	FY21	FY22	Total	Pg. #
028812	Water Supply Wells	Public Utilities	Funded	403	50	50	50	50	50	50	300	103
029073	Water Reuse Program	Public Utilities	Contingent Proposed	Grants / Bonds	-	-	150	3,000	-	-	3,150	104
029408	Water System Replacements A through E	Public Utilities	Funded	401	325	-	400	370	450	650	2,195	105-109
	Water System Replacements A through E	Public Utilities	Funded	403	300	-	50	155	300	500	1,305	
	Water System Replacements A through E	Public Utilities	Funded	405 (Water Impact)	375	-	150	175	250	250	1,200	
029409	Water System Extensions / Upsizing A through C	Public Utilities	Funded	405 (Water Impact)	50	50	50	50	50	450	700	110-111
038710	City Cost Participation Project	Public Utilities	Funded	405 (Water Impact)	50	50	50	50	50	50	300	112
	City Cost Participation Project	Public Utilities	Funded	405 (Sewer Impact)	50	50	50	50	50	50	300	
038825	Telemetry Instrument / Control System A through B	Public Utilities	Funded	403	200	190	190	200	190	190	1,160	113-114
038955	Utilities Mapping	Public Utilities	Funded	401	100	100	100	100	100	100	600	115
038964	Reclaimed Water Plant Renovations / Replacements A through O	Public Utilities	Funded	403	705	920	400	310	820	40	3,195	116-129
	Reclaimed Water Plant Renovations / Replacements A through O	Public Utilities	Contingent Proposed	SRF	-	-	6,000		-	-	6,000	
039493	Potable Water Plant Renovations / Replacements B through H	Public Utilities	Funded	403	430	200	350	350	295	500	2,125	130-136
048922	Replace Existing Lift Stations	Public Utilities	Funded	401	180	180	180	180	180	180	1,080	137
	Replace Existing Lift Stations	Public Utilities	Funded	403	180	180	180	180	180	180	1,080	
049467	Sewer System Rehabilitation A through F	Public Utilities	Funded	401	1,000	1,000	1,000	1,000	1,000	1,000	6,000	138-143
200304	Utility Coordination and Relocation	Public Utilities	Funded	401	25	25	25	25	25	25	150	144
200546	Meter Replacement Program A through B	Public Utilities	Funded	401	973	923	923	266	150	150	3,385	145-146
201051	Taylor Road Improvements	Public Utilities	Funded	403	-	-	-	-	-	800	800	147
	Taylor Road Improvements	Public Utilities	Funded	405 (Water Impact)	-	-	-	-	-	400	400	
	Taylor Road Improvements	Public Utilities	Funded	405 (Sewer Impact)	-	-	-	-	-	400	400	
038966	Wastewater Treatment Plant Cleaning	Public Utilities	Funded	401	-	-	-	200	-	200	400	148
	Wastewater Treatment Plant Cleaning	Public Utilities	Funded	403	-	-		80		80	160	
201653	Riverwalk Utilities	Public Utilities	Funded	405 (Sewer Impact)	-	-	225	-	-	-	225	149
				Public Utilities Project Totals:	**4,993**	**3,918**	**10,523**	**6,791**	**4,140**	**6,245**	**36,610**	
Fleet	Veh Rplcmnt - Water Prod	Public Utilities	Funded	505	-	-	-	-	80	-	80	150-151
Fleet	Veh Rplcmnt - Wastewater	Public Utilities	Funded	505	113	-	-	-	-	-	113	
Fleet	Veh Rplcmnt - Meter Readers	Public Utilities	Funded	505	20	22	48	-	18	-	108	
Fleet	Veh Rplcmnt - W/S Maint.	Public Utilities	Funded	505	-	20	-	40	-	-	60	
Fleet	Veh Rplcmnt - Water Dist	Public Utilities	Funded	505	20	-	-	150	-	18	188	
Fleet	Veh Rplcmnt - W/S Lab Ops	Public Utilities	Funded	505	-	-	-	-	-	-	-	
Fleet	Veh Rplcmnt - W/S Admin.	Public Utilities	Funded	505	-	-	-	-	-	18	18	
Fleet	Veh Rplc - W/S Warehouse	Public Utilities	Funded	505	-	-	-	-	-	-	-	
				Public Utilities Vehicle Totals:	**153**	**42**	**48**	**190**	**98**	**36**	**567**	
	Total Public Utilities - All:				**5,146**	**3,960**	**10,571**	**6,981**	**4,238**	**6,281**	**37,177**	
	Public Utilities - Funded:				**5,146**	**3,960**	**4,421**	**3,981**	**4,238**	**6,281**	**28,027**	
	Public Utilities - Unfunded:				**-**	**-**	**-**	**-**	**-**	**-**	**-**	
	Public Utilities - Contingent Proposed:				**-**	**-**	**6,150**	**3,000**	**-**	**-**	**9,150**	
	Total Public Utilities - All:				**5,146**	**3,960**	**10,571**	**6,981**	**4,238**	**6,281**	**37,177**	

Fund Legend:

001 General Fund	301 Capital Projects (Gas Tax)	401 W/S Operating	412 Drainage
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			506 Building Maintenance

City of Port Orange, Florida
Capital Improvement Program (CIP) FY17 - FY22
Summary by Department and Funding Status
(in thousands)

Public Works

#	Project	Department	Funding Status	Funding Source	FY17	FY18	FY19	FY20	FY21	FY22	Total	Pg. #
430102	Resurface Parking Lots at City Facilities A through F	Public Works	Funded	317	-	-	-	145	65	-	210	155-159
	Resurface Parking Lots at City Facilities A through F	Public Works	Funded	106	-	-	-	-	62	-	62	
430201	Road Resurfacing and Reconstruction	Public Works	Funded	301 (Restricted)	748	-	-	-	-	-	748	160
201698	Replace HVAC Controller at City Hall	Public Works	Funded	317	220	-	-	-	-	-	220	161
201750	DPW Administration Building Exterior & Interior Renovation	Public Works	Funded	317	422	-	-	-	-	-	422	162
201751	City Hall Light Sensors	Public Works	Funded	506	37	-	-	-	-	-	37	163
201752	Automatic Vehicle and Equipment Wash System	Public Works	Unfunded	317	-	429	-	-	-	-	429	164
201753	City Hall ADA Improvements	Public Works	Funded	317	20	-	-	-	-	-	20	165
	City Hall ADA Improvements	Public Works	Unfunded	317		75	75				150	
201754	Wood Shop Rebuild	Public Works	Unfunded	317	-	64	-	-	-	-	64	166
201755	Replace Bay Doors FS 73	Public Works	Funded	506	31	-	-	-	-	-	31	167
201756	City Cntr Complex Landscape	Public Works	Funded	317	650	-	-	-	-	-	650	168
Fleet	Veh Rplcmnt - Pub Works	Public Works	Funded	505	111	197	109	-	46	155	618	169-170
Fleet	Veh Rplcmnt - Bldg Maint	Public Works	Funded	505	47	22	-	-	-	-	69	
Fleet	Veh Rplcmnt - Veh Maint	Public Works	Funded	505	50	20	-	45	-	-	115	
Fleet	Veh Rplcmnt - Solid Waste	Public Works	Funded	505	-	-	-	-	-	-	-	
	Total Public Works - All:				**2,336**	**807**	**184**	**190**	**173**	**155**	**3,845**	
	Public Works - Funded:				**2,336**	**239**	**109**	**190**	**173**	**155**	**3,202**	
	Public Works - Unfunded:				**-**	**568**	**75**	**-**	**-**	**-**	**643**	
	Public Works - Contingent Proposed:				**-**	**-**	**-**	**-**	**-**	**-**	**-**	
	Total Public Works - All:				**2,336**	**807**	**184**	**190**	**173**	**155**	**3,845**	

Fund Legend:

001 General Fund	301 Capital Projects (Gas Tax)	401 W/S Operating	412 Drainage
106 Recreation Facilities (YMCA)	312 Transp. Impact Fee	403 W/S R&R	450 Golf Course
109 Building Special Revenue	317 General Capital	405 W/S Impact Fee	505 Lease & Replacement
			506 Building Maintenance

Summary by Department and Funding Status

(in thousands)

#	Project	Department	Funding Status	Funding Source	FY17	FY18	FY19	FY20	FY21	FY22	Total	Pg. #
Stormwater Utility												
201409	Tumblebrook Drive Stormwater	Stormwater	Unfunded	412	131	-	-	-	-	-	131	173-174
201439	Halifax River Outfall Replacement	Stormwater	Funded	412	60	615	-	-	-	-	675	175
201441	Southwinds Stormwater Pond Outfall Retrofit	Stormwater	Funded	412	-	-	-	45	630	-	675	176
	Southwinds Stormwater Pond Outfall Retrofit	Stormwater	Unfunded	412	-	-	-	-	620		620	
201642	Howes Street Stormwater Improvements	Stormwater	Funded	412	49	80	-	-	-	-	129	177-178
201645	White Place & Riverside Drainage Improvements	Stormwater	Unfunded	412	80	-	-	-	-	-	80	179
201647	Pipe Replacement	Stormwater	Funded	412		90	320	500	500	500	1,910	180
	Pipe Replacement	Stormwater	Unfunded	412	1,000	910	680	500	500	500	4,090	
201760	City Center Shoreline Stabilization	Stormwater	Unfunded	412	336	-	-	-	-	-	336	181
201761	Powers Avenue at Lemon Street Drainage Improvements	Stormwater	Unfunded	412	175	-	-	-	-	-	175	182
201762	Viking Drive Stormwater Improvements	Stormwater	Unfunded	412	27	-	-	-	-	-	27	183
201763	Charles Street Drainage Improvements	Stormwater	Unfunded	412	835	-	-	-	-	-	835	184
201764	Yorktowne Boulevard Sidewalk Drainage Improvements	Stormwater	Unfunded	412	65	-	-	-	-	-	65	185
Fleet	Veh Rplcmnt - Stormwater	Stormwater	Funded	505	230	42	-	300	930	112	1,614	186
	Total Stormwater Utility - All:				**2,988**	**1,737**	**1,000**	**1,345**	**3,180**	**1,112**	**11,362**	
	Stormwater Utility - Funded:				**339**	**827**	**320**	**845**	**2,060**	**612**	**5,003**	
	Stormwater Utility - Unfunded:				**2,649**	**910**	**680**	**500**	**1,120**	**500**	**6,359**	
	Stormwater Utility - Contingent Proposed:				**-**	**-**	**-**	**-**	**-**	**-**	**-**	
	Total Stormwater Utility - All:				**2,988**	**1,737**	**1,000**	**1,345**	**3,180**	**1,112**	**11,362**	

Fund Legend:

001 General Fund	301 Capital Projects (Gas Tax)	401 W/S Operating	412 Drainage
106 Recreation Facilities (YMCA)	312 Transp. Impact Fee	403 W/S R&R	450/451 Golf Course
109 Building Special Revenue	317 General Capital	405 W/S Impact Fee	505 Lease & Replacement
			506 Building Maintenance

(in thousands)

Cypress Head Golf Course

#	Project	Department	Funding Status	Funding Source	FY17	FY18	FY19	FY20	FY21	FY22	Total	Pg. #
201697	Golf Course Capital Improvement Plan	Cypress Head	Funded	450	35	40	49	42	28	36	230	189
Fleet	Equip Rplc - Cypress Head	Cypress Head	Funded	505	32	23	54	81	9	-	199	190
Fleet	Golf Cart Rplc - Cypress Head	Cypress Head	Funded	505	-	-	225	-	-	-	225	
	Total Cypress Head Golf Course - All:				**67**	**63**	**328**	**123**	**37**	**36**	**654**	
	Cypress Head Golf Course - Funded:				**67**	**63**	**328**	**123**	**37**	**36**	**654**	
	Cypress Head Golf Course - Unfunded:				**-**	**-**	**-**	**-**	**-**	**-**	**-**	
	Cypress Head Golf Course - Contingent Proposed:				**-**	**-**	**-**	**-**	**-**	**-**	**-**	
	Total Cypress Head Golf Course - All:				**67**	**63**	**328**	**123**	**37**	**36**	**654**	

Fund Legend:

001 General Fund	301 Capital Projects (Gas Tax)	401 W/S Operating	412 Drainage
106 Recreation Facilities (YMCA)	312 Transp. Impact Fee	403 W/S R&R	450 Golf Course
109 Building Special Revenue	317 General Capital	405 W/S Impact Fee	505 Lease & Replacement
			506 Building Maintenance

City of Port Orange, Florida
Capital Improvement Program (CIP) FY17 - FY22
Summary by Department and Funding Status
(in thousands)

#	Project	Department	Funding Status	Funding Source	FY17	FY18	FY19	FY20	FY21	FY22	Total	Pg. #
YMCA												
201514	Air Conditioner Replacements	YMCA	Funded	106	50	16	16	-	-	-	82	193
201515	Lighting Replacement	YMCA	Funded	106	30	-	-	-	-	-	30	194
201516	Ceiling Tile and Grid Replacement	YMCA	Funded	106	50	-	-	-	-	-	50	195
201517	Bathroom Replacements	YMCA	Funded	106	-	-	-	-	25	-	25	196
201719	Woman's Locker Room Renovation	YMCA	Funded	106	-	220	-	-	-	-	220	197
	Total YMCA - All:				**130**	**236**	**16**	**-**	**25**	**-**	**407**	
	YMCA - Funded:				**130**	**236**	**16**	**-**	**25**	**-**	**407**	
	YMCA - Unfunded:				**-**	**-**	**-**	**-**	**-**	**-**	**-**	
	YMCA - Contingent Proposed:				**-**	**-**	**-**	**-**	**-**	**-**	**-**	
	Total YMCA - All:				**130**	**236**	**16**	**-**	**25**	**-**	**407**	

Fund Legend:

001 General Fund	301 Capital Projects (Gas Tax)	401 W/S Operating	412 Drainage
106 Recreation Facilities (YMCA)	312 Transp. Impact Fee	403 W/S R&R	450 Golf Course
109 Building Special Revenue	317 General Capital	405 W/S Impact Fee	505 Lease & Replacement
			506 Building Maintenance

City of Port Orange, Florida
Capital Improvement Program (CIP) FY17 - FY22
Summary by Department and Funding Status
(in thousands)

#	Project	Department	Funding Status	Funding Source	FY17	FY18	FY19	FY20	FY21	FY22	Total	Pg. #
	Grand Total - All Departments:				**17,605**	**12,730**	**17,486**	**15,170**	**11,302**	**13,201**	**87,494**	
	All Departments - Funded:				**12,087**	**8,037**	**7,007**	**6,497**	**9,089**	**7,506**	**50,223**	
	All Departments - Unfunded:				**3,330**	**2,359**	**755**	**500**	**1,120**	**770**	**8,834**	
	All Departments - Contingent Proposed:				**2,188**	**2,334**	**9,724**	**8,173**	**1,093**	**4,925**	**28,437**	
	Grand Total - All Departments:				**17,605**	**12,730**	**17,486**	**15,170**	**11,302**	**13,201**	**87,494**	

Note: The projects with contingent proposed funding are reliant upon additional budget appropriations.

Fund Legend:

001 General Fund	301 Capital Projects (Gas Tax)	403 W/S R&R	450 Golf Course
106 Recreation Facilities (YMCA)	312 Transp. Impact Fee	405 W/S Impact Fee	505 Lease & Replacement
109 Building Special Revenue	401 W/S Operating	412 Drainage	506 Building Maintenance

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Capital Improvement Program (CIP) FY17 - FY22

Summary by Funding Source

(in thousands)

#	Project	Department	FY17	FY18	FY19	FY20	FY21	FY22	Total
Projects that are Funded:									
Fund 106 Recreation Facilities (YMCA)									
201514	Air Conditioner Replacements	YMCA	50	16	16	-	-	-	82
201515	Lighting Replacement	YMCA	30	-	-	-	-	-	30
201516	Ceiling Tile and Grid Replacement	YMCA	50	-	-	-	-	-	50
201517	Bathroom Replacements	YMCA	-	-	-	-	25	-	25
201719	Woman's Locker Room Renovation	YMCA	-	220	-	-	-	-	220
430102	Resurface Parking Lots at City Facilities A through F	Public Works	-	-	-	-	62		62
		Total Fund 106:	**130**	**236**	**16**	**-**	**87**	**-**	**469**

Capital Improvement Program (CIP) FY17 - FY22

Summary by Funding Source

(in thousands)

#	Project	Department	FY17	FY18	FY19	FY20	FY21	FY22	Total
Projects that are Funded - Continued:									
Fund 301 Capital Projects									
201015	Willow Run Blvd Widening	Comm. Dvlp.	-	-	-	180	1,500	-	1,680
201647	WB Dunlawton Ave. Right Turn Lane at City Cir Pkwy.	Comm. Dvlp.	3	21	-	-	-	-	24
201750	Eastbound Dunlawton Ave. Right Turn Lane	Comm. Dvlp.	-	2	4	21	-	-	27
201751	WB Dunlawton Ave. Right Turn Lane at Nova Rd.	Comm. Dvlp.	-	2	4	21	-	-	27
430201	Road Resurfacing and Reconstruction	Public Works	748	-	-	-	-	-	748
		Total Fund 301:	**751**	**25**	**8**	**222**	**1,500**	**-**	**2,506**

Capital Improvement Program (CIP) FY17 - FY22

Summary by Funding Source

(in thousands)

Projects that are Funded - Continued:

Fund 312 Transportation Impact Fee

#	Project	Department	FY17	FY18	FY19	FY20	FY21	FY22	Total
201008	Yorktowne Blvd North Section (Nautica Lakes)	Comm. Dvlp.	6	-	120	-	-	-	126
201210	North Spruce Creek Road Sidewalk	Comm. Dvlp.	-	41	-	-	-	-	41
201211	Victoria Gardens Blvd. Sidewalk	Comm. Dvlp.	4	39	-	-	-	-	43
201212	McDonald Road Sidewalk	Comm. Dvlp.	50	-	-	-	-	-	50
201335	Herbert Street Sidewalk - East	Comm. Dvlp.	-	2	38	-	-	-	40
201336	Willow Run Blvd. Sidewalk (South Side)	Comm. Dvlp.	-	-	7	-	-	-	7
201749	Halifax Drive Linear Park (Multi-Purpose Trail)	Comm. Dvlp.	3	10	60	-	-	-	73
		Total Fund 312:	**63**	**92**	**225**	**-**	**-**	**-**	**380**

Capital Improvement Program (CIP) FY17 - FY22

Summary by Funding Source

(in thousands)

Projects that are Funded / Unfunded - Continued:

#	Project	Department	FY17	FY18	FY19	FY20	FY21	FY22	Total
Funded 317 General Capital Fund									
201107	City Entrance Sign with Landscaping	Comm. Dvlp.	40	-	-	-	-	-	40
201338	S. Ridgewood Ave. Landscape Improvements	Comm. Dvlp.	56	-	-	-	-	-	56
201545	Riverwalk Park	Comm. Dvlp.	5	-	-	-	-	-	5
201752	Former Police Department Renovations	Comm. Dvlp.	800	-	-	-	-	-	800
201753	City Hall Repurposing	Comm. Dvlp.	250	-	-	-	-	-	250
201625	City Hall Datacenter Renovations	Info. Tech.	25	-	-	-	-	-	25
200965	Fence, Dugout & Backstop Replacement	Parks & Rec.	-	100	100	140	-	-	340
201270	Causeway Dock Refurbishment	Parks & Rec.	130	-	-	-	-	-	130
201373	Playground Resurfacing	Parks & Rec.	70	28	-	-	-	-	98
201481	Ball Field Lamp Rplcmnt	Parks & Rec.	-	-	255	185	148	-	588
201582	Gym Floor Replacement	Parks & Rec.	103	-	-	-	-	-	103
201686	Gym Renovations / Repurpose	Parks & Rec.	-	-	-	-	30	-	30
201687	Facility Painting & HVAC Replacement - Lakeside	Parks & Rec.	54	-	-	-	-	-	54
201688	Renovate South Baseball Field at Spruce Creek Park	Parks & Rec.	-	-	-	-	220	-	220
201689	Gymnasium Painting	Parks & Rec.	-	36	-	-	-	-	36
201794	Playground Replacements	Parks & Rec.	35	143	-	-	-	-	178
430102	Resurface Parking Lots at City Facilities A through F	Public Works	-	-	-	145	65	-	210
201698	Replace HVAC Controller at City Hall	Public Works	220	-	-	-	-	-	220
201750	DPW Administration Building Exterior & Interior Renovation	Public Works	422	-	-	-	-	-	422
201753	City Hall ADA Improvements	Public Works	20	-	-	-	-	-	20
201756	City Cntr Complex Landscape Improvements	Public Works	650	-	-	-	-	-	650
	Subtotal Funded 317 Gen Capital Projects:		**2,880**	**307**	**355**	**470**	**463**	**-**	**4,475**
Unfunded 317 General Capital Projects									
201107	City Entrance Sign with Landscaping	Comm. Dvlp.	-	450	-	-	-	-	450
201728	Conference Room Upgrades	Info. Tech.	35	-	-	-	-	-	35
201729	PogTV Studio Upgrades	Info. Tech.	47	10	-	-	-	-	57
201270	Causeway Dock Refurbishment	Parks & Rec.	201	161	-	-	-	-	362
201376	Parks Maintenance Storage	Parks & Rec.	200	-	-	-	-	-	200
201686	Gym Renovations / Repurpose	Parks & Rec.	-	-	-	-	-	270	270
201691	Spruce Creek Canoe / Kayak Launch	Parks & Rec.	198	-	-	-	-	-	198
201792	Restroom / Concession Facility	Parks & Rec.	-	260	-	-	-	-	260
201752	Automatic Vehicle and Equipment Wash System	Public Works	-	429	-	-	-	-	429
201753	City Hall ADA Improvements	Public Works	-	75	75	-	-	-	150
201754	Wood Shop Rebuild	Public Works	-	64	-	-	-	-	64
	Subtotal Unfunded 317 Gen Capital Projects:		**681**	**1,449**	**75**	**-**	**-**	**270**	**2,475**
	Total Fund 317:		**3,561**	**1,756**	**430**	**470**	**463**	**270**	**6,950**

Capital Improvement Program (CIP) FY17 - FY22

Summary by Funding Source

(in thousands)

Projects that are Funded - Continued:

#	Project	Department	FY17	FY18	FY19	FY20	FY21	FY22	Total
Fund 401 Water & Sewer Operating									
029408	Water System Replacements A through E	Public Utilities	325	-	400	370	450	650	2,195
038955	Utilities Mapping	Public Utilities	100	100	100	100	100	100	600
048922	Replace Existing Lift Stations	Public Utilities	180	180	180	180	180	180	1,080
049467	Sewer System Rehabilitation A through F	Public Utilities	1,000	1,000	1,000	1,000	1,000	1,000	6,000
200304	Utility Coordination and Relocation	Public Utilities	25	25	25	25	25	25	150
200546	Meter Replacement Program A through B	Public Utilities	973	923	923	266	150	150	3,385
038966	Wastewater Treatment Plant Cleaning	Public Utilities	-	-	-	200	-	200	400
		Total Fund 401:	**2,603**	**2,228**	**2,628**	**2,141**	**1,905**	**2,305**	**13,810**

Capital Improvement Program (CIP) FY17 - FY22

Summary by Funding Source

(in thousands)

#	Project	Department	FY17	FY18	FY19	FY20	FY21	FY22	Total

Projects that are Funded - Continued:

Fund 403 Water & Sewer R & R

#	Project	Department	FY17	FY18	FY19	FY20	FY21	FY22	Total
028812	Water Supply Wells	Public Utilities	50	50	50	50	50	50	300
029408	Water System Replacements A through E	Public Utilities	300	-	50	155	300	500	1,305
038825	Telemetry Instrument / Control System A through B	Public Utilities	200	190	190	200	190	190	1,160
038964	Reclaimed Water Plant Renovations / Replacements A through O	Public Utilities	705	920	400	310	820	40	3,195
039493	Potable Water Plant Renovations / Replacements B through H	Public Utilities	430	200	350	350	295	500	2,125
048922	Replace Existing Lift Stations	Public Utilities	180	180	180	180	180	180	1,080
201051	Taylor Road Improvements	Public Utilities	-	-	-	-	-	800	800
038966	Wastewater Treatment Plant Cleaning	Public Utilities	-	-	-	80	-	80	160
		Total Fund 403:	**1,865**	**1,540**	**1,220**	**1,325**	**1,835**	**2,340**	**10,125**

(in thousands)

#	Project	Department	FY17	FY18	FY19	FY20	FY21	FY22	Total
Projects that are Funded - Continued:									
Fund 405 Water & Sewer Impact Fee									
Water Impact Fee									
029408	Water System Replacements A through E	Public Utilities	375	-	150	175	250	250	1,200
029409	Water System Extensions / Upsizing A through C	Public Utilities	50	50	50	50	50	450	700
038710	City Cost Participation Project	Public Utilities	50	50	50	50	50	50	300
201051	Taylor Road Improvements	Public Utilities	-	-	-	-	-	400	400
		Subtotal Water Impact Fee:	**475**	**100**	**250**	**275**	**350**	**1,150**	**2,600**
Sewer Impact Fee									
038710	City Cost Participation Project	Public Utilities	50	50	50	50	50	50	300
201051	Taylor Road Improvements	Public Utilities	-	-	-	-	-	400	400
201653	Riverwalk Utilities	Public Utilities	-	-	225	-	-	-	225
		Subtotal Sewer Impact Fee:	**50**	**50**	**275**	**50**	**50**	**450**	**925**
		Total Fund 405:	**525**	**150**	**525**	**325**	**400**	**1,600**	**3,525**

Capital Improvement Program (CIP) FY17 - FY22
Summary by Funding Source
(in thousands)

#	Project	Department	FY17	FY18	FY19	FY20	FY21	FY22	Total
Projects that are Funded / Unfunded - Continued:									
Funded 412 Drainage Projects									
201439	Halifax River Outfall Replacement	Stormwater	60	615	-	-	-	-	675
201441	Southwinds Stormwater Pond Outfall Retrofit - Phase I	Stormwater	-	-	-	45	630	-	675
201642	Howes Street Stormwater Improvements	Stormwater	49	80	-	-	-	-	129
201647	Pipe Replacement	Stormwater	-	90	320	500	500	500	1,910
			-	-	-	-	-	-	-
	Subtotal Funded 412 Drainage Projects:		**109**	**785**	**320**	**545**	**1,130**	**500**	**3,389**
Unfunded 412 Drainage Projects									
201409	Tumblebrook Drive Stormwater Improvements	Stormwater	131	-	-	-	-	-	131
201441	Southwinds Stormwater Pond Outfall Retrofit - Phase II	Stormwater	-	-	-	-	620	-	620
201645	White Place & Riverside Drainage Improvements	Stormwater	80	-	-	-	-	-	80
201647	Pipe Replacement	Stormwater	1,000	910	680	500	500	500	4,090
201760	City Center Shoreline Stabilization	Stormwater	336	-	-	-	-	-	336
201761	Powers Avenue at Lemon Street	Stormwater	175	-	-	-	-	-	175
201762	Viking Drive Stormwater Improvements	Stormwater	27	-	-	-	-	-	27
201763	Charles Street Drainage Improvements	Stormwater	835	-	-	-	-	-	835
201764	Yorktowne Boulevard Sidewalk Drainage Improvements	Stormwater	65	-	-	-	-	-	65
	Subtotal Unfunded 412 Drainage Projects:		**2,649**	**910**	**680**	**500**	**1,120**	**500**	**6,359**
	Total Fund 412:		**2,758**	**1,695**	**1,000**	**1,045**	**2,250**	**1,000**	**9,748**

Capital Improvement Program (CIP) FY17 - FY22

Summary by Funding Source

(in thousands)

Projects that are Funded - Continued:

#	Project	Department	FY17	FY18	FY19	FY20	FY21	FY22	Total
Fund 450 Golf Course									
201697	Golf Course Capital Improvement Plan	Cypress Head	35	40	49	42	28	36	230
		Total Fund 450:	**35**	**40**	**49**	**42**	**28**	**36**	**230**

(in thousands)

#	Project	Department	FY17	FY18	FY19	FY20	FY21	FY22	Total

Projects that are Funded - Continued:

Fund 505 Lease & Replacement Fund

#	Project	Department	FY17	FY18	FY19	FY20	FY21	FY22	Total
Fleet	Veh Rplcmnt - CD Building	Comm. Dvlp.	46	23	-	-	-	-	69
Fleet	Veh Rplc - CD Comm Imprv	Comm. Dvlp.	-	44	-	-	-	-	44
Fleet	Veh Rplcmnt - CD Engrng	Comm. Dvlp.	45	-	-	-	-	-	45
200723	12 Lead Heart Monitors	Fire	60	60	-	-	-	-	120
201023	Thermal Imaging Camera Replacement Program	Fire	-	-	16	16	16	-	48
201637	Extrication Equipment	Fire	40	40	-	-	-	-	80
Fleet	Veh - Rplcmnt - Fire	Fire	37	725	680	-	135	-	1,577
200501	City Municipal Network	Info. Tech.	45	30	30	30	30	30	195
200503	Maintain Hardware Infrastructure	Info. Tech.	85	25	25	25	25	25	210
201320	Video Security Program	Info. Tech.	40	-	-	-	-	-	40
201321	Public Safety Technology Refresh	Info. Tech.	30	30	30	30	30	30	180
201501	Enterprise Resource Planning System	Info. Tech.	400	100	-	-	-	-	500
201626	Virtual Desktop Infrastructure	Info. Tech.	100	100	-	-	-	-	200
Fleet	Veh Rplcmnt - IT	Info. Tech.	22	-	-	-	-	-	22
Fleet	Veh Rplcmnt - Parks & Rec	Parks & Rec.	61	178	73	24	113	26	475
201434	Project-25 FCC Police Radio Compatibility & Rplcmnt	Police	401	401	-	-	-	-	802
Fleet	Veh Rplcmnt - Police	Police	588	532	371	686	309	311	2,797
Fleet	Veh Rplcmnt - Water Prod	Public Utilities	-	-	-	-	80	-	80
Fleet	Veh Rplcmnt - Wastewater	Public Utilities	113	-	-	-	-	-	113
Fleet	Veh Rplcmnt - Meter Readers	Public Utilities	20	22	48	-	18	-	108
Fleet	Veh Rplcmnt - W/S Maint.	Public Utilities	-	20	-	40	-	-	60
Fleet	Veh Rplcmnt - Water Dist	Public Utilities	20	-	-	150	-	18	188
Fleet	Veh Rplcmnt - W/S Lab Ops	Public Utilities	-	-	-	-	-	-	-
Fleet	Veh Rplcmnt - W/S Admin.	Public Utilities	-	-	-	-	-	18	18
Fleet	Veh Rplc - W/S Warehouse	Public Utilities	-	-	-	-	-	-	-
Fleet	Veh Rplcmnt - Pub Works	Public Works	111	197	109	-	46	155	618
Fleet	Veh Rplcmnt - Bldg Maint	Public Works	47	22	-	-	-	-	69
Fleet	Veh Rplcmnt - Veh Maint	Public Works	50	20	-	45	-	-	115
Fleet	Veh Rplcmnt - Solid Waste	Public Works	-	-	-	-	-	-	-
Fleet	Veh Rplcmnt - Stormwater	Stormwater	230	42	-	300	930	112	1,614
Fleet	Equip Rplc - Cypress Head	Cypress Head	32	23	54	81	9	-	199
Fleet	Golf Cart Rplc - Cypress Head	Cypress Head	-	-	225	-	-	-	225
		Total Fund 505:	**2,623**	**2,634**	**1,661**	**1,427**	**1,741**	**725**	**10,811**

Capital Improvement Program (CIP) FY17 - FY22

Summary by Funding Source

(in thousands)

#	Project	Department	FY17	FY18	FY19	FY20	FY21	FY22	Total
Projects that are Funded - Continued:									
Fund 506 Building Maintenance									
201751	City Hall Light Sensors	Public Works	37	-	-	-	-	-	37
201755	Replace Bay Doors FS 73	Public Works	31	-	-	-	-	-	31
		Total Fund 506:	**68**	**-**	**-**	**-**	**-**	**-**	**68**

(in thousands)

#	Project	Department	FY17	FY18	FY19	FY20	FY21	FY22	Total
Projects that are Funded - Continued:									
Fund 607 Police Forfeiture Trust									
200831	Public Safety Training Facility	Police	435	-	-	-	-	-	435
		Total Fund 607:	**435**	**-**	**-**	**-**	**-**	**-**	**435**

Capital Improvement Program (CIP) FY17 - FY22

Summary by Funding Source

(in thousands)

#	Project	Department	FY17	FY18	FY19	FY20	FY21	FY22	Total

Projects that have Contingent Proposed Funding:

#	Project	Department	FY17	FY18	FY19	FY20	FY21	FY22	Total
Grant Funding									
201338	S. Ridgewood Ave. Landscape Improvements	Comm. Dvlp.	500	-	-	-	-	-	500
201545	Riverwalk Park	Comm. Dvlp.	43	519	250	-	-	-	812
201648	Landscape Improvements at I-95 Inter	Comm. Dvlp.	-	500	-	-	-	-	500
	Total Contingent Proposed Grant Funding:		**543**	**1,019**	**250**	**-**	**-**	**-**	**1,812**

Note: The projects with contingent proposed funding are reliant upon additional budget appropriations.

Capital Improvement Program (CIP) FY17 - FY22

Summary by Funding Source

(in thousands)

#	Project	Department	FY17	FY18	FY19	FY20	FY21	FY22	Total
Projects that have Contingent Proposed Funding:									
SRF Funding									
038964	Reclaimed Water Plant Renovations / Rplcmnts J	Public Utilities	-	-	6,000	-	-	-	6,000
	Total Contingent Proposed SRF Funding:		**-**	**-**	**6,000**	**-**	**-**	**-**	**6,000**

Note: The projects with contingent proposed funding are reliant upon additional budget appropriations.

Capital Improvement Program (CIP) FY17 - FY22

Summary by Funding Source

(in thousands)

#	Project	Department	FY17	FY18	FY19	FY20	FY21	FY22	Total
Projects that have Contingent Proposed Funding:									
Bond/Debt/Grant Funding									
201378	West Side Sports Complex	Parks & Rec.	860	60	1,150	575	575	575	3,795
201794	Playground Replacements	Parks & Rec.	35	142	-	-	-	-	177
201795	Westside Community Center	Parks & Rec.	-	-	55	4,000	-	-	4,055
029073	Water Reuse Program	Public Utilities	-	-	150	3,000	-	-	3,150
	Total Contingent Proposed Bond/Debt/Grant Funding:		**895**	**202**	**1,355**	**7,575**	**575**	**575**	**11,177**

Note: The projects with contingent proposed funding are reliant upon additional budget appropriations.

Capital Improvement Program (CIP) FY17 - FY22

Summary by Funding Source

(in thousands)

#	Project	Department	FY17	FY18	FY19	FY20	FY21	FY22	Total
Projects that have Contingent Proposed Funding:									
Developer Constructed									
200905	Williamson Blvd North of Pavilion	Comm. Dvlp.	-	-	-	220	261	2,200	2,681
200907	Coraci Blvd Extension	Comm. Dvlp.	-	-	-	-	257	2,150	2,407
Total Contingent Proposed Developer Constructed Funding:			**-**	**-**	**-**	**220**	**518**	**4,350**	**5,088**

Note: The projects with contingent proposed funding are reliant upon additional budget appropriations.

Capital Improvement Program (CIP) FY17 - FY22

Summary by Funding Source

(in thousands)

Projects that have Contingent Proposed Funding:

#	Project	Department	FY17	FY18	FY19	FY20	FY21	FY22	Total
TPO Grants									
201008	Yorktowne Blvd North Section (Nautica Lakes)	Comm. Dvlp.	54	-	1,080	-	-	-	1,134
201210	North Spruce Creek Road Sidewalk	Comm. Dvlp.	68	364	-	-	-	-	432
201211	Victoria Gardens Blvd. Sidewalk	Comm. Dvlp.	90	352	-	-	-	-	442
201212	McDonald Road Sidewalk	Comm. Dvlp.	452	-	-	-	-	-	452
201335	Herbert Street Sidewalk - East	Comm. Dvlp.	18	68	337	-	-	-	423
201336	Willow Run Blvd. Sidewalk (South Side)	Comm. Dvlp.	14	32	90	-	-	-	136
201647	WB Dunlawton Ave. Right Turn Lane at City Cir Pkwy.	Comm. Dvlp.	27	181	-	-	-	-	208
201749	Halifax Drive Linear Park (Multi-Purpose Trail)	Comm. Dvlp.	27	90	540	-	-	-	657
201750	Eastbound Dunlawton Ave. Right Turn Lane	Comm. Dvlp.	-	13	36	189	-	-	238
201751	WB Dunlawton Ave. Right Turn Lane at Nova Rd.	Comm. Dvlp.	-	13	36	189	-	-	238
	Total Contingent Proposed TPO Grant Funding:		**750**	**1,113**	**2,119**	**378**	**-**	**-**	**4,360**

Note: The projects with contingent proposed funding are reliant upon additional budget appropriations.

Capital Improvement Program (CIP) FY17 - FY22

Summary by Funding Source

(in thousands)

#	Project	Department	FY17	FY18	FY19	FY20	FY21	FY22	Total
		All Funds - Funded Projects:	**12,087**	**8,037**	**7,007**	**6,497**	**9,089**	**7,506**	**50,223**
		All Funds - Unfunded Projects:	**3,330**	**2,359**	**755**	**500**	**1,120**	**770**	**8,834**
		All Funds - Contingent Proposed Projects:	**2,188**	**2,334**	**9,724**	**8,173**	**1,093**	**4,925**	**28,437**
		Grand Total - All Projects:	**17,605**	**12,730**	**17,486**	**15,170**	**11,302**	**13,201**	**87,494**

Capital Improvement Program (CIP)

Example Project Page

Proposed capital improvement projects are reviewed and evaluated from information provided in CIP requests forms such as the one below. Program descriptions include detailed project characteristics and features. Justifications address adopted service level standards; concurrency requirements; relevance to other projects; and other benefits associated with undertaking the project. All project cost components and possible funding sources should be identified.

The annual operating impact of each project must also be carefully considered. Sufficient revenue sources should be identified in order to cover any additional operating costs such as staffing, maintenance, and equipment.

CAPITAL IMPROVEMENT PROGRAM DETAIL

General Project Information

Comprehensive Plan Element Type

PROJECT # 200526

PROJECT NAME	Athletic Complex	**Project Manager**	Susan Lovallo
DEPARTMENT	Parks and Recreation	**Original Plan Date**	April 16, 2004
LOCATION	Coraci Property	**Concurrency Requirement**	Recreation/Open Space

DESCRIPTION/JUSTIFICATION:

Project Description and Justification

This project calls for the design and construction of a multi-purpose athletic complex to serve the continued demand for a variety of youth and adult recreational programs. The proposed complex will be located in the vicinity of Planned Community No. 1 on a 36-acre tract of land and will consist of (4) lighted multi-purpose athletic fields, an 11,000 sq. ft. gymnasium/community center, 4,500 linear foot trail system, picnic area and children's playground. Currently, the number of ballfields is slightly below the adopted level of service standard in the City's Comprehensive Plan. Construction of the new ballfields during Phase I of the project will provide enough capacity to accommodate current and anticipated residential growth over the next several years. A conceptual Master Plan has already been developed for the park. Construction of the first phase of the complex began during FY 2007-08.

A portion of the funding for this project will be obtained from grants from the Florida Recreation Development Assistance Program and Volusia ECHO with the remainder funded from recreational impact fees generated by the new residential development in the area.

PROJECT EXPENDITURES/FUNDING SOURCES:

Estimated Project Costs by Category

PROJECT COSTS:	FY10	FY11	FY12	FY13	FY14	FY15	TOTAL
Engineering & Planning		-	-	-	-	-	-
Construction	-	2,000,000	2,000,000	2,000,000	1,000,000	-	7,000,000
TOTAL PROJECT COSTS	**-**	**2,000,000**	**2,000,000**	**2,000,000**	**1,000,000**	**-**	**7,000,000**

Funding Sources by Category

SOURCES OF FUNDS:	FY10	FY11	FY12	FY13	FY14	FY15	TOTAL
Proposed Grants (FRDAP)	-	2,000,000	2,000,000	2,000,000	1,000,000	-	7,000,000
Recreation Impact Fee Fund (611)		-	-	-	-	-	-
Unfunded	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**-**	**2,000,000**	**2,000,000**	**2,000,000**	**1,000,000**	**-**	**7,000,000**

OPERATIONAL IMPACT

Potential Operating Impact

New registration fees and concession revenues will be derived from expanded baseball, softball, basketball, soccer and other programs. These revenues will be used to partially offset the costs of general maintenance and additional personnel required to maintain the new facilities and the programs offered.

Estimated Operating Costs of Proposed Project

OPERATIONAL IMPACT	FY10	FY11	FY12	FY13	FY14	FY15	TOTAL
Additional Revenues							
Charges for Services (Registration Fees)	-		83,000	102,000	121,000	140,000	446,000
Other Revenues			-	-	-	-	-
Less Additional Expenditures							
Personnel	-		55,000	85,000	90,000	140,000	370,000
Maintenance and Other Operating	-		65,000	90,000	95,000	350,000	600,000
Non Operating (Equipment)			-	20,000	-	20,000	40,000
Net Annual Impact on Operations	**-**	**-**	**37,000**	**93,000**	**64,000**	**370,000**	**564,000**

Probable Funding Source for Operating Impact

FUNDING SOURCES	FY10	FY11	FY12	FY13	FY14	FY15	TOTAL
General Fund - (001)	-		37,000	93,000	64,000	370,000	564,000
	-	-	-	-	-	-	-
Total	**-**	**-**	**37,000**	**93,000**	**64,000**	**370,000**	**564,000**

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Community Development

FY17 – FY22 CIP Request

Draft 2

06/14/16

Summary by Department and Funding Status

(in thousands)

Community Development

#	Project	Department	Funding Status	Funding Source	FY17	FY18	FY19	FY20	FY21	FY22	Total	Pg. #
200905	Williamson Blvd North of Pavilion	Comm. Dvlp.	Contingent Proposed	Dvlpr Constr.	-	-	-	220	261	2,200	2,681	37
200907	Coraci Blvd Extension	Comm. Dvlp.	Contingent Proposed	Dvlpr Constr.	-	-	-	-	257	2,150	2,407	38
201008	Yorktowne Blvd North Section (Nautica Lakes)	Comm. Dvlp.	Funded	312	6	-	120	-	-	-	126	39
	Yorktowne Blvd North Section (Nautica Lakes)	Comm. Dvlp.	Contingent Proposed	TPO Grant	54	-	1,080	-	-	-	1,134	
201015	Willow Run Blvd Widening	Comm. Dvlp.	Funded	301 (Restricted)	-	-	-	180	1,500	-	1,680	40
201107	City Entrance Sign with Landscaping	Comm. Dvlp.	Funded	317	40	-	-	-	-	-	40	41
	City Entrance Sign with Landscaping	Comm. Dvlp.	Unfunded	317	-	450	-	-	-	-	450	
201210	North Spruce Creek Road Sidewalk	Comm. Dvlp.	Funded	312		41	-	-	-	-	41	42
	North Spruce Creek Road Sidewalk	Comm. Dvlp.	Contingent Proposed	TPO Grant	68	364	-	-	-	-	432	
201211	Victoria Gardens Blvd. Sidewalk	Comm. Dvlp.	Funded	312	4	39	-	-	-	-	43	43
	Victoria Gardens Blvd. Sidewalk	Comm. Dvlp.	Contingent Proposed	TPO Grant	90	352	-	-	-	-	442	
201212	McDonald Road Sidewalk	Comm. Dvlp.	Funded	312	50	-	-	-	-	-	50	44
	McDonald Road Sidewalk	Comm. Dvlp.	Contingent Proposed	TPO Grant	452	-	-	-	-	-	452	
201335	Herbert Street Sidewalk - East	Comm. Dvlp.	Funded	312	-	2	38	-	-	-	40	45
	Herbert Street Sidewalk - East	Comm. Dvlp.	Contingent Proposed	TPO Grant	18	68	337	-	-	-	423	
201336	Willow Run Blvd. Sidewalk (South Side)	Comm. Dvlp.	Funded	312	-	-	7	-	-	-	7	46
	Willow Run Blvd. Sidewalk (South Side)	Comm. Dvlp.	Contingent Proposed	TPO Grant	14	32	90	-	-	-	136	
201338	S. Ridgewood Ave. Landscape Improvements	Comm. Dvlp.	Funded	317	56	-	-	-	-	-	56	47
	S. Ridgewood Ave. Landscape Improvements	Comm. Dvlp.	Contingent Proposed	FDOT Grant	500	-	-	-	-	-	500	
201545	Riverwalk Park	Comm. Dvlp.	Funded	317	5	-	-	-	-	-	5	48
	Riverwalk Park	Comm. Dvlp.	Contingent Proposed	Various Grants	43	519	250	-	-	-	812	
201647	WB Dunlawton Ave. Right Turn Lane at City Cir Pkwy.	Comm. Dvlp.	Funded	301 (Restricted)	3	21	-	-	-	-	24	49
	WB Dunlawton Ave. Right Turn Lane at City Cir Pkwy.	Comm. Dvlp.	Contingent Proposed	TPO Grant	27	181	-	-	-		208	
201648	Landscape Improvements at I-95 Interchange	Comm. Dvlp.	Contingent Proposed	FDOT Grant	-	500		-	-	-	500	50
201749	Halifax Drive Linear Park (Multi-Purpose	Comm. Dvlp.	Funded	312	3	10	60	-	-	-	73	51
	Halifax Drive Linear Park (Multi-Purpose Trail)	Comm. Dvlp.	Contingent Proposed	TPO Grant	27	90	540	-	-	-	657	
201750	Eastbound Dunlawton Ave. Right Turn Lane	Comm. Dvlp.	Funded	301 (Restricted)	-	2	4	21	-	-	27	52
	Eastbound Dunlawton Ave. Right Turn Lane	Comm. Dvlp.	Contingent Proposed	TPO Grant	-	13	36	189	-	-	238	
201751	WB Dunlawton Ave. Right Turn Lane at Nova Rd.	Comm. Dvlp.	Funded	301 (Restricted)	-	2	4	21	-	-	27	53
	WB Dunlawton Ave. Right Turn Lane at Nova Rd.	Comm. Dvlp.	Contingent Proposed	TPO Grant	-	13	36	189	-	-	238	
201752	Former Police Department Renovations	Comm. Dvlp.	Funded	317	800	-	-	-	-	-	800	54
201753	City Hall Repurposing	Comm. Dvlp.	Funded	317	250	-	-	-	-	-	250	55
Fleet	Veh Rplcmnt - CD Planning	Comm. Dvlp.	Funded	505	-	-	-	-	-	-	-	56
Fleet	Veh Rplcmnt - CD Building	Comm. Dvlp.	Funded	505	46	23	-	-	-	-	69	
Fleet	Veh Rplc - CD Comm Imprv	Comm. Dvlp.	Funded	505	-	44	-	-	-	-	44	
Fleet	Veh Rplcmnt - CD Engrng	Comm. Dvlp.	Funded	505	45	-	-	-	-	-	45	
	Total Community Development - All:				**2,601**	**2,766**	**2,602**	**820**	**2,018**	**4,350**	**15,157**	
	Community Development - Funded:				**1,308**	**184**	**233**	**222**	**1,500**	**-**	**3,447**	
	Community Development - Unfunded:				**-**	**450**	**-**	**-**	**-**	**-**	**450**	
	Community Development - Contingent Proposed:				**1,293**	**2,132**	**2,369**	**598**	**518**	**4,350**	**11,260**	
	Total Community Development - All:				**2,601**	**2,766**	**2,602**	**820**	**2,018**	**4,350**	**15,157**	

Fund Legend:

001 General Fund	301 Capital Projects (Gas Tax)	401 W/S Operating	412 Drainage
106 Recreation Facilities (YMCA)	312 Transp. Impact Fee	403 W/S R&R	450 Golf Course
109 Building Special Revenue	317 General Capital	405 W/S Impact Fee	505 Lease & Replacement
			506 Building Maintenance

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 200905

PROJECT NAME:	Williamson Blvd North of Pavilion	**Project Manager:**	CD Engineer
DEPARTMENT:	Department	**Original Plan Date:**	February 20, 2008
LOCATION:	North Boundary-Pavilion to Town West Blvd.	**Concurrency Requirement:**	Yes -Transportation

Goal / Objective: Goal 1 Objective 1

DESCRIPTION/JUSTIFICATION:

This project involves adding 2 lanes to the existing 2 lane Williamson Blvd. roadway from the north boundary of the Pavilion project north to Town West Blvd, a 0.53 mile section. The project cost estimate is based on construction of an additional 2 travel lanes within the existing right of way with minimal impact to the existing roadway. The new construction will require stormwater treatment and it will be necessary to acquire an estimated 1 acre of off-site property for this purpose.

This project needs to be in the CIP so that it can remain in the annually updated Comprehensive Plan Capital Improvements Element (CIE) and so that the City can retain the option of creating a proportionate-share project and collect funds for this improvement.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	-	-		220,000	-	-	220,000
Right-of Way (stormwater retention)					260,935	-	260,935
Construction	-	-	-	-		2,200,000	2,200,000
Equipment	-	-	-	-	-	-	-
						-	
TOTAL PROJECT COSTS	**-**	**-**	**-**	**220,000**	**260,935**	**2,200,000**	**2,680,935**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - (001)	-	-	-	-	-	-	-
Proportionate Fair Share Contributions	-	-	-	-	-		-
Proposed Developer Constructed	-	-	-	220,000	260,935	2,200,000	2,680,935
TOTAL PROJECT REVENUE	**-**	**-**	**-**	**220,000**	**260,935**	**2,200,000**	**2,680,935**

OPERATIONAL IMPACT

No additional operating costs are expected as a result of this project because once completed the road will be maintained by the County.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Fund - (001)	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 200907

PROJECT NAME:	Coraci Blvd Extension	**Project Manager:**	CD Engineer
DEPARTMENT:	Community Development	**Original Plan Date:**	February 23, 2009
LOCATION:	Carmody Lake Dr. to South of Coquina Cove III	**Concurrency Requirement:**	Yes-Transportation

Goal / Objective: Goal 1 Objective 1

DESCRIPTION/JUSTIFICATION:

This project involves construction of a 1/2-mile 2-lane divided roadway extending Coraci Blvd. 2,600 feet from the northwest corner of Crane Lakes to Forest Lakes subdivision within the existing undeveloped right-of-way. Drainage improvements are projected to be constructed in the right-of-way. This will serve as an alternate route for traffic generated by the Forest Lakes subdivision and to a lesser extent by the subdivision to the North and reduce impacts on Taylor Road. This roadway is indicated as a future collector road in the Comprehensive Plan.

This project needs to be in the CIP so that it can be in the annually updated Comprehensive Plan Capital Improvements Element (CIE).

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	-		-	-	257,000	-	257,000
Construction	-	-		-	-	2,150,000	2,150,000
Equipment	-	-	-	-	-	-	-
Right-of-Way Acquisition	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**-**	**-**	**-**	**-**	**257,000**	**2,150,000**	**2,407,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - (001)							
Transportation Impact Fee Fund - 312	-	-	-	-	-	-	-
Proportionate Fair Share Contributions	-	-	-	-	-	-	-
Proposed Developer Constructed	-	-	-	-	257,000	2,150,000	2,407,000
TOTAL PROJECT REVENUE	**-**	**-**	**-**	**-**	**257,000**	**2,150,000**	**2,407,000**

OPERATIONAL IMPACT

New road segment to be added to resurfacing program, which is presently on a 26 year program cycle. As additional roads are added to the program, the overall maintenance cycle would lengthen. It is further expected the Public Works Department would incur additional mowing and drainage maintenance costs which would be absorbed within the operating budget while reducing maintenance service levels. The annual operational cost for a new road (5 miles or less) 1 (one) year after construction is on the average of $1,500 for the first 7 (seven) years of life.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - (001)	**-**	**-**	-	-			-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201008

PROJECT NAME:	Yorktowne Blvd. North Section (Nautica Lakes)	**Project Manager:**	CD Engineer
DEPARTMENT:	Community Development	**Original Plan Date:**	02/20/09
LOCATION:	Willow Run Blvd. to Project Site Limits	**Concurrency Requirement:**	Yes

Goal / Objective: Goal 1 Objective 1

DESCRIPTION / JUSTIFICATION:

This improvement is required to complete the Yorktowne Blvd. connection between Hidden Lakes Dr. and Willow Run Blvd. Completion of these sections would redirect traffic and relieve congestion at the I-95/Dunlawton Ave. intersection.

This project is proposed as a 4 lane divided curb and gutter road designed to Volusia County standards that runs from Willow Run Blvd., approximately 3,000 feet southward to the south side of the B-19 Tributary #1 crossing.

The City has the following options for funding this project:
a. The City submitted this project for TPO funding in Spring 2016. In order to be eligible for this funding, the road must have a federal functional classification of collector or greater. Because this section is not yet constructed, it is not designated. It is unclear at this time if that will disqualify the proposed project. If the project is eligible for TPO funding, under current policy the TPO will fund up to 90% of the project and the City will fund 10% of the project. Once ranked by the TPO, a feasibility study will need to be conducted . Once the study is completed, the project will be eligible for inclusion in the TPO Project Priority List if the City commits to support the design and construction phases. The right-of-way is not currently dedicated to the City and would need to be acquired prior to construction.
b. If the TPO application is not accepted, this project will be required to be built by the developer and on the subject property. A roadway design was completed in conjunction with the Nautica Lakes development that was proposed prior to the recession but never built. Upon completion of a project on this site, the right-of-way would be dedicated to the City.

This project needs to be in the CIP so that it can be in the annually updated Comprehensive Plan Capital Improvements Element (CIE).

Component	Total Cost	City %	Total City $	TPO $
Feasibility Study	$ 60,000	10%	6,000	54,000
Eng. & Plan		10%	-	-
Construction	1,200,000	10%	120,000	1,080,000
Total Proj Cost:	**$ 1,260,000**		**$ 126,000**	**$ 1,134,000**

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Feasibility Study	60,000						
Engineering & Planning	-	-	-	-	-	-	-
Right-of-way Acquisition							
Construction			1,200,000	-	-		1,200,000
TOTAL PROJECT COSTS	**60,000**	**-**	**1,200,000**	**-**	**-**	**-**	**1,260,000**

PROPOSED SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Transportation Impact Fee Fund - 312	6,000	-	120,000	-	-	-	126,000
TPO Funds	54,000		1,080,000				1,134,000
Other	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**60,000**	**-**	**1,200,000**	**-**	**-**	**-**	**1,260,000**

OPERATIONAL IMPACT

This road is intended to be maintained by Volusia County. However, if the road is ultimately maintained by the City, it will be a new road segment to be added to resurfacing program, which is presently on a 26 year program cycle. As additional roads are added to the program, the overall maintenance cycle would lengthen. It is further expected that the Public Works Department would incur additional mowing and drainage maintenance costs which would be absorbed within the operating budget while reducing the overall maintenance service levels. The annual operational cost for a new road (5 miles or less) 1 (one) year after construction is on the average of $1,500 for the first 7 (seven) years of life.

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues						-	
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
				-	-	-	
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	1,500	1,500	1,500	4,500
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**1,500**	**1,500**	**1,500**	**4,500**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
General Operating - (001)	-	-	-	1,500	1,500	1,500	4,500
	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**1,500**	**1,500**	**1,500**	**4,500**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201015

PROJECT NAME:	Willow Run Boulevard Widening	**Project Manager:**	CD Planner
DEPARTMENT:	Community Development	**Original Plan Date:**	February 23, 2009
LOCATION:	Willow Run Blvd. east of Williamson Blvd.	**Concurrency Requirement:**	Yes-Transportation

Goal / Objective: Goal 1 Objective 1

DESCRIPTION/JUSTIFICATION:

Improvements to Willow Run Boulevard will be needed as part of the proposed Yorktowne Boulevard improvements. A 1/4-mile segment of Willow Run east of Williamson Boulevard to the proposed intersection of the Yorktowne Boulevard extension will need to be improved to accommodate future traffic flows diverted from Williamson Boulevard and future traffic on the new Yorktowne north extension. Stormwater retention should be able to be provided in the existing 200-foot wide Willow Run Boulevard right-of-way so additional right-of-way acquisition is not anticipated. This project also includes improvements at the Willow Run/Yorktowne intersection which may include a signalized intersection, traffic circle, or other feasible options.

This improvement was included in the City's application for TPO funds to design and construct Yorktowne Boulevard. The City submitted this Yorktowne Boulevard project for TPO funding in spring 2016. In order to be eligible for this funding, Yorktowne Boulevard must have a federal functional classification of collector or greater. Because Yorktowne Boulevard is not yet constructed, it is not designated. It is unclear at this time if that will disqualify the proposed project. If the project is eligible for TPO funding, under current policy the TPO will fund 90% of the project and the City will fund 10% of the project. Once ranked by the TPO, a feasibility study will need to be conducted. Once the study is complete, the project will be eligible for inclusion in the TPO Project Priority List if the City commits to support the design and construction phases.

This project needs to be in the CIP so that it can remain in the annually updated Comprehensive Plan Capital Improvements Element (CIE).

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Feasibility Study	-	-	-	-	-	-	-
Engineering & Planning	-	-	-	180,000		-	180,000
Construction	-	-	-	-	1,500,000		1,500,000
Equipment	-	-		-	-	-	-
TOTAL PROJECT COSTS	**-**	**-**	**-**	**180,000**	**1,500,000**	**-**	**1,680,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Capital Projects Fund (301) Restricted	-	-	-	180,000	1,500,000		1,680,000
Proportionate Fair Share Contributions	-			-	-	-	-
Transportation Impact Fee Fund							-
Unfunded	-	-	-	-		-	-
TOTAL PROJECT REVENUE	**-**	**-**	**-**	**180,000**	**1,500,000**	**-**	**1,680,000**

OPERATIONAL IMPACT

New road segment to be added to resurfacing program, which is presently on an 18 - 26 year program cycle. As additional roads are added to the program, the overall maintenance cycle would lengthen. It is further expected that the Public Works Department would not incur additional mowing and drainage maintenance costs than what it currently required along this corridor unless supplemental landscaping is provided. The annual operational cost for a new road (5 miles or less) 1 (one) year after construction is on the average of $1,500 for the first 7 (seven) years of life.

Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	1,500	1,500	-	3,000
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**1,500**	**1,500**	**-**	**3,000**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Fund - (001)	**-**	**-**	-	1,500	1,500	-	3,000
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**1,500**	**1,500**	**-**	**3,000**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201107

PROJECT NAME:	City Entrance Signs with Landscaping	**Project Manager:**	Margaret Momberger
DEPARTMENT:	Community Development	**Original Plan Date:**	February 24, 2010
LOCATION:	Dunlawton Avenue and I-95 Interchange	**Concurrency Requirement:**	No

Goal / Objective: Goal 2 Objective 1

DESCRIPTION/JUSTIFICATION:

Constructing entry signs will help to create a welcoming environment and hometown feel; and be a source of community pride. These signs will help form a positive first impression for visitors to the City.

The signs would be constructed to meet the current Land Development Code requirements for freestanding signs in terms of maximum sign area, height, lighting, and aesthetic quality and as permitted by the FDOT. Any associated landscaping will be of drought-tolerant quality to minimize future maintenance. Signage at Dunlawton and I-95 is proposed to consist of a combination of walls and bold landscaping that will be visible to motorists entering the city from I-95, including signage on the wing walls of the interchange bridge structure. Based on this proposed design, the construction cost is estimated to be $450,000 and an additional $40,000 for design and permitting.

Note: This is Project AIO017 and $67,500 was budgeted for the construction of North and South City limit signs on Ridgewood Avenue in FY16 from 317 Capital Replacement funds. The Dunlawton/I-95 signage is being deferred until after the interchange expansion which is estimated to be completed Spring/Summer of 2018.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	40,000	-	-	-	-	-	40,000
Construction	-	450,000	-	-	-	-	450,000
Equipment / Software	-	-	-		-	-	-
TOTAL PROJECT COSTS	**40,000**	**450,000**	**-**	**-**	**-**	**-**	**490,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - (001)	-	-	-	-	-	-	-
General Capital Fund - 317	40,000	-	-	-	-	-	40,000
CDBG Funds	-		-	-	-	-	-
General Capital Fund - 317 Unfunded	-	450,000	-	-	-	-	450,000
TOTAL PROJECT REVENUE	**40,000**	**450,000**	**-**	**-**	**-**	**-**	**490,000**

OPERATIONAL IMPACT

Once the signs are installed, they will be maintained by the City. This will include periodic repairs to the sign structure, light bulb replacement, and plant material replacement which would have to be absorbed by the operating budget and possibly reduce overall maintenance service levels.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Fund - (001)	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201210

PROJECT NAME:	North Spruce Creek Road Sidewalk	**Project Manager:**	CD Planner
DEPARTMENT:	Community Development	**Original Plan Date:**	February 22, 2011
LOCATION:	From Nova Road to North of Angelina Court	**ncurrency Requirement:**	No

Goal / Objective: Goal 1 Objective 1

DESCRIPTION/JUSTIFICATION:

This project will replace a 3 foot wide non-conforming and noncontiguous sidewalk with a six to eight-foot wide sidewalk along the east side of Spruce Creek Road from Nova Road to the northwest corner of the Maplewood Subdivision a distance of 1,500 feet. The project also will extend the existing eight-foot wide sidewalk on the west side of Spruce Creek Road, adjacent to the Riverwood Shopping Center, north approximately 720 feet to Angelina Court. The TPO will fund up to 90% of the project and the City will fund 10% of the project. A feasibility study was completed in January 2013. The City provided matching funding for the feasibility study. The project is now on the TPO's Tier A Project Priority List and is eligible for funding if the City commits to support the design and construction phases based on the feasibility study. The project will add pedestrian and bicycle capacity in this corridor.

Component	Total Cost	City %	Total City $	TPO $
Engr & Plan	$ 75,000	10%	$ 7,500	$ 67,500
Construction				364,135
	404,595	10%	40,460	
Total Proj Cost:	**$ 479,595**		**$ 47,960**	**$ 431,635**

Note: **Project OMI017** was established in FY12 .The City currently has $1500 for feasibility Study and $7,548 for it's share of Engr & Planning.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Feasibility Study	-	-	-	-	-	-	-
Engineering & Planning	67,500	-	-	-	-	-	67,500
Construction		404,595	-	-	-		404,595
	-						-
TOTAL PROJECT COSTS	**67,500**	**404,595**	**-**	**-**	**-**	**-**	**472,095**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - (001)	-	-	-	-	-	-	-
Transportation Impact Fee Fund 312		40,460	-	-	-	-	40,460
Proportionate Fair Share Contributions	-		-	-	-	-	-
TPO Funds	67,500	364,135	-	-	-	-	431,635
Unfunded			-	-	-	-	-
TOTAL PROJECT REVENUE	**67,500**	**404,595**	**-**	**-**	**-**	**-**	**472,095**

OPERATIONAL IMPACT

Once completed, the signage, crosswalk and sidewalk improvements would be maintained by the City. This will include periodic resurfacing or slab replacement/maintenance costs which will impact the operating budget and possibly reduce overall maintenance service levels.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	500	500	500	500	500	2,500
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**500**	**500**	**500**	**500**	**500**	**2,500**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Fund - (001)	**-**	**500**	500	500	500	500	2,500
	-	**-**	-	-	-	-	-
Total	**-**	**500**	**500**	**500**	**500**	**500**	**2,500**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201211

PROJECT NAME:	Victoria Gardens Blvd. Sidewalk	**Project Manager:**	CD Planner
DEPARTMENT:	Community Development	**Original Plan Date:**	February 18, 2011
LOCATION:	Victoria Gardens Blvd from Appleview Way to Clyde Morris B	**Concurrency Requirement:**	No

Goal / Objective: Goal 1 Objective 1

DESCRIPTION/JUSTIFICATION:

This project consists of constructing a 1,600 foot long sidewalk along Victoria Gardens Boulevard from Appleview Way to Clyde Morris Boulevard and providing pedestrian crossings. The TPO will fund up to 90% of the project and the City will fund 10% of the project. A Feasibility Study was prepared by the TPO and reviewed by FDOT in February 2013. Two years after the Feasibility Study was completed, in February 2015, the FDOT issued a comment that additional right-of-way would need to be acquired for necessary grading to stabilize the slope located near Crescent View Drive and Appleview Way. An updated Feasibility Study was prepared to reevaluate the proposed project and update the cost estimate. The updated Feasibility Study was completed in August 2015 and included the additional constraints not identified in the 2013 Feasibility Study that substantially increased the cost of the project mainly due to the construction of a gravity wall for slope stabilization. TPO funding for design and construction is based on the 2015 Feasibility Study estimate and the City is required to pay 10% of the estimated project cost. The project is now on the TPO's Tier A Project Priority List and eligible for funding. The estimated design and construction cost of the project is based on the 2015 Feasibility Study. The City's local match will be funded with impact fees (Fund 312). The project will add pedestrian and bicycle capacity in the corridor and provide a safe alternative for school-aged children walking to and from Spruce Creek High School and Sweetwater Elementary School. This route was identified in the Sweetwater Elementary School Safe Routes to School Study.

Note: **Project OMI018** was established in FY12- and the City has funded $6,372 for Engr & Planning. Based on the 2015 Updated Feasibility Study, an additional $3,688 is needed to fund the City's share of Engr & Planning.

Component	Total Cost	City %	Total City $	TPO $
Engr & Plan	100,600	10%	10,060	90,540
Construction	391,300	10%	39,130	352,170
Total Proj Cost:	**$ 491,900**		**$ 49,190**	**$ 442,710**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Feasibility Study	-						-
Engineering & Planning	94,228		-	-		-	94,228
Construction	-	391,300	-	-	-		391,300
TOTAL PROJECT COSTS	**94,228**	**391,300**	**-**	**-**	**-**	**-**	**485,528**

PROPOSED SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
General Operating - (001)	-	-	-	-	-	-	-
Transportation Impact Fee Fund 312	3,688	39,130	-	-	-	-	42,818
Proportionate Fair Share Contributions	-	-	-	-	-	-	-
TPO Funds	90,540	352,170	-	-	-	-	442,710
Unfunded	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**94,228**	**391,300**	**-**	**-**	**-**	**-**	**485,528**

OPERATIONAL IMPACT

Once completed, the signage, crosswalk and sidewalk improvements would be maintained by the City. This will include periodic resurfacing or slab replacement, mowing and drainage maintenance costs which will impact the operating budget and possibly reduce overall maintenance service levels. The average annual operating cost for a sidewalk and gravity wall is estimated to be $750.

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	750	750	750	750	750	3,750
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**750**	**750**	**750**	**750**	**750**	**3,750**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
General Fund - (001)	-	750	750	750	750	750	3,750
	-	-	-	-	-	-	-
Total	**-**	**750**	**750**	**750**	**750**	**750**	**3,750**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201212

PROJECT NAME:	McDonald Road Sidewalk	**Project Manager:**	CD Engineer
DEPARTMENT:	Community Development	**Original Plan Date:**	February 18, 2011
LOCATION:	McDonald Road (Sauls Rd/Madeline Ave to Sixth Street)	**ıncurrency Requirement:**	No

Goal / Objective: Goal 1 Objective 1

DESCRIPTION/JUSTIFICATION:

This project is a proposal to construct sidewalk improvements along McDonald Road from the Sauls Road/Madeline Avenue intersection to 6th Street and provide pedestrian crossings for a total distance of 2,640 feet. Under current policy, the TPO will fund up to 90% of the project and the City will fund 10% of the project. A feasibility study was completed in February 2013 and amended in 2015. The City provided matching funding for both feasibility studies. The project became eligible for design funding in FY16. The project will add pedestrian and bicycle capacity in the corridor and improve safety. This route was identified in the Sugar Mill Elementary School Safe Routes to School Study.

Design is 60% complete and includes a shift in the roadway and drainage modifications at the narrowest part of the right-of-way to avoid the need for additional right-of-way. Construction costs have also increased over the past two years. The estimated cost increase to the project is $242,940 for construction.

Note: **Project OMI019** was established in FY12 with a budget of $1,500 to fund the feasibility study and in FY15 we funded $6,752 for the City's share of the engineering and planning phase. In FY16 an additional $10,000 was funded for Right-of-way acquisition.

Component	Total Cost	City %	Total City $	TPO $
Feasibility Study	$ 22,255	10%	$ 2,226	$ 20,030
Engr & Plan	79,365	10%	7,937	71,429
R/W Acquisition	-	100%		-
Construction	501,740	10%	50,174	451,566
Total Proj Cost	**$ 603,360**		**$ 60,336**	**$ 543,024**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Feasibility Study	-	-	-	-	-	-	-
Right-of-Way Acquisition	-	-	-	-	-	-	-
Engineering & Planning			-	-		-	-
Construction	501,740		-	-	-	-	501,740
							-
TOTAL PROJECT COSTS	**501,740**	**-**	**-**	**-**	**-**	**-**	**501,740**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - (001)	-	-	-	-	-	-	-
Transportation Impact Fee Fund 312	50,174		-	-	-	-	50,174
Proportionate Fair Share Contributions	-	-	-	-	-	-	-
TPO Funds	451,566	-	-	-	-	-	451,566
Unfunded	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**501,740**	**-**	**-**	**-**	**-**	**-**	**501,740**

OPERATIONAL IMPACT

Once completed, the sidewalk improvements would be maintained by the City. This will include periodic resurfacing or slab replacement/maintenance costs which will impact the operating budget and possibly reduce overall maintenance service levels.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Fund - (001)	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201335

PROJECT NAME:	Herbert Street Sidewalk - East	**Project Manager:**	CD Planner
DEPARTMENT:	Community Development	**Original Plan Date:**	February 22, 2012
LOCATION:	Herbert Street from Jackson St. to FEC Right-of-Way	**Concurrency Requirement:**	No

Goal / Objective: Goal 1 Objective 1

DESCRIPTION/JUSTIFICATION:

This project consists of constructing a sidewalk or sidewalks and/or paved shoulders on one or both sides of Herbert Street from Jackson Street to the FEC Right-of-Way. The project corridor is 1.05 miles long. A feasibility study will first need to be conducted. A feasibility study is estimated to cost about $20,000. Under current TPO policy, the City would be required to fund 10 percent of this cost ($2,000). An estimated cost for design and construction will not be known until a feasibility study is completed. The TPO will fund up to 90% of the project and the City will fund 10% of the project. Based on the narrow right-of-way width of Herbert Street it is anticipated that additional right-of-way will need to be purchased to construct the sidewalk.

Component	Total Cost	City %	Total City $	TPO $
Feasibility Study:	$ 20,000	10%	$ 2,000	$ 18,000
Engr & Plan:	76,000	10%	7,600	68,400
Construction:	375,000	10%	37,500	337,500
Total Proj Cost:	**$ 471,000**		**$ 47,100**	**$ 423,900**

Estimated cost based on the final cost for the Spruce Creek Road South sidewalk project and anticipated drainage improvements. Estimated cost does not include right-of-way or easement acquisition which could be expensive.

Note: **Project OMI022** was established in FY13 with a budget of $2,000 to fund the feasibility study. In FY13, an additional $7,125 was funded for the City's share of the Engr & Planning. Based on the past sidewalk projects, it is estimated that an additional $1,128 is needed to fund the City's share of Engr & Planning.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Feasibility Study	18,000	-	-	-	-	-	18,000
Right-of-Way Acquisition	-	-	-	-	-	-	-
Engineering & Planning		69,528	-	-		-	69,528
Construction	-		375,000	-	-	-	375,000
							-
TOTAL PROJECT COSTS	**18,000**	**69,528**	**375,000**	**-**	**-**	**-**	**462,528**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - (001)	-	-	-	-	-	-	-
Transportation Impact Fee Fund 312	-	1,128	37,500	-	-	-	38,628
TPO Funds	18,000	68,400	337,500	-	-	-	423,900
Unfunded	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**18,000**	**69,528**	**375,000**	**-**	**-**	**-**	**462,528**

OPERATIONAL IMPACT

Once completed, the improvements would be maintained by the City. This will include periodic resurfacing or slab replacement/maintenance costs which will impact the operating budget and possibly reduce overall maintenance service levels. The average annual operating cost for a new sidewalk is $500.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-			500	500	500	1,500
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**500**	**500**	**500**	**1,500**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Fund - (001)	**-**			500	500	500	1,500
	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**500**	**500**	**500**	**1,500**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201336

PROJECT NAME:	Willow Run Boulevard Sidewalk (South Side)	**Project Manager:**	CD Planner
DEPARTMENT:	Community Development	**Original Plan Date:**	February 24,2012
LOCATION:	Clyde Morris Boulevard to Chardonnay Drive	**Concurrency Requirement:**	No

Goal / Objective: Goal 1 Objective 1

DESCRIPTION/JUSTIFICATION:

This project consists of constructing a minimum five foot wide sidewalk along the south side of Willow Run Boulevard from Clyde Morris Boulevard to Harms Way a distance of 1,225 feet (0.23 miles). A feasibility study will first need to be conducted to develop an estimated cost for design and construction. The sidewalk will be located along the southerly portion of the 200-foot wide right-of-way which also contains Willow Run Boulevard. Additional right-of-way is not anticipated for this project. The project is on the TPO's Project Priority List for a feasibility study. Under current policy, the TPO will fund up to 90% of the project and the City will fund 10% of the project. A feasibility study will need to be conducted first. The City will need to provide a local match of 10% for the feasibility study, estimated at $1,500. Once the study is completed, the project will be eligible for inclusion in the TPO's Project Priority List for design and construction funding.

Component	Total Cost*	City %	Total City $	TPO $
Feasibility Study:	$ 15,000	10%	$ 1,500	$ 13,500
Engr & Plan:	36,060	10%	3,606	32,454
Construction:	100,000	10%	10,000	90,000
Total Proj Cost:	**$ 151,060**		**$ 15,106**	**$ 135,954**

*Estimated cost based on the Spruce Creek Road South sidewalk project.

Note: **Project OMI023** was established in FY13 with a budget of $1,500 to fund the feasibility study. In FY13, an additional $6,494 was funded for the City's share of the Engr & Planning. Given the reduction in the length of the sidewalk, it is estimated that an additional $7,112 is needed to have the full $13,606 estimated for Engr.& Planning and Constucution.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Feasibility Study	13,500	-	-	-	-	-	13,500
Engineering & Planning	-	32,454	-	-	-	-	32,454
Construction	-	-	97,112	-	-	-	97,112
TOTAL PROJECT COSTS	**13,500**	**32,454**	**97,112**	**-**	**-**	**-**	**143,066**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - (001)	-	-	-	-	-	-	-
Transportation Impact Fee Fund 312	-		7,112	-	-	-	7,112
TPO Funds	13,500	32,454	90,000	-	-	-	135,954
Unfunded				-	-	-	-
	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**13,500**	**32,454**	**97,112**	**-**	**-**	**-**	**143,066**

OPERATIONAL IMPACT

Once constructed, the improvements would be maintained by the City. This will include periodic resurfacing or slab replacement, mowing and drainage maintenance costs which will impact the operating budget and possibly reduce overall maintenance service levels unless additional operating funds are allocated.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	500	500	500	500	2,000
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**500**	**500**	**500**	**500**	**2,000**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Fund - (001)	**-**	**-**	500	500	500	500	2,000
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**500**	**500**	**500**	**500**	**2,000**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201338

PROJECT NAME:	S. Ridgewood Avenue Landscape Improvements	**Project Manager:**	Margaret Momberger
DEPARTMENT:	Community Development	**Original Plan Date:**	February 16, 2012
LOCATION:	Fleming Avenue to the Rose Bay Bridge	**Concurrency Requirement:**	No

Goal / Objective: Goal 2 Objective 1

DESCRIPTION/JUSTIFICATION:

Beautification of transportation corridors with a special focus on older areas of the community falls under Goal 2, Objective 1 (Quality of Life) of the City's Stategic Plan. Landscaping the medians in the older, Allandale and Harbor Oaks portion of Ridgewood Avenue consistent with newer roadway medians in the City is a Ridgewood Corridor Plan Strategy to provide a unified appearance, increase community pride and encourage redevelopment.

This project consists of design, permitting and installation of trees and plantings within twenty-five existing medians along Ridgewood Avenue from Fleming Avenue to the Rose Bay Bridge that currently have minimal to no plantings. The project would be designed to maximize visual impact while using drought tolerant, low maintenance plant material to reduce operational long term maintenance costs.

Component	Cost	FDOT	City %	City $	
Engr & Plan:	$ 5,000	$ -	100%	$ 5,000	<=Funded in FY15 operations budget 001-1900-515-31-13
Construction:	556,250	500,000		56,250	
Total Proj Cost:	**$ 561,250**	**$ 500,000**		**$ 61,250**	**<= City Share**

The application made for FDOT Landscape Discretionary funding has been approved for the landscape installation at $500,000. (Sod is not eligible)

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	-	-		-		-	-
Construction	556,250	-	-	-	-		556,250
	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**556,250**	**-**	**-**	**-**	**-**	**-**	**556,250**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - (001)	-	-	-	-	-	-	-
General Capital Rplcmnt Fund 317	56,250		-	-	-	-	56,250
FDOT Landscape Discretionary Grant	500,000		-	-	-	-	500,000
Other	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**556,250**	**-**	**-**	**-**	**-**	**-**	**556,250**

OPERATIONAL IMPACT

Once installed, the landscaping will be maintained by the City. This will include mowing, periodic pruning, weeding, plant replacement, fertilization and pest control which will have an impact on the operating budget and possibly reduce overall maintenance service levels.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Fund - (001)	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201545

PROJECT NAME:	Riverwalk Park	**Project Manager:**	Margaret Momberger
DEPARTMENT:	Community Development	**Original Plan Date:**	February 25, 2014
LOCATION:	Dunlawton Avenue to North City Limits	**Concurrency Requirement:**	No

Goal / Objective: Goal 3 Objective 1

DESCRIPTION/JUSTIFICATION:

The City Council and Town Center CRA have placed a priority on developing a public park at Riverwalk. This predominately passive public park area is envisioned to be a community open space that will enhance Port Orange's image as a waterfront community. Park design and construction is proposed to take place in three phases with construction of the first phase in 2015. Due to unknown timing of private development in the Central area, the South area has been moved up in the schedule with the Central area to follow if needed.

Phase A & B - North

Component		Cost
Engr & Plan:	$	210,000
Construction:		3,800,000
Total Proj Cost:	**$**	**4,010,000**

Phase - South

Component		Cost
Engr & Plan:	$	47,500
Construction:		500,000
Total Proj Cost:	**$**	**547,500**

Phase - Central

Component		Cost
Engr & Plan:	$	18,750
Construction:		250,000
Total Proj Cost:	**$**	**268,750**

Note: The City funded Phase A - North with $3.010M of proceeds from Bond Refinancing in FY15 and plans to make up the difference with grant funding.

FIND, ECHO, FRDAP, TPO and other grants will be sought for design and construction. In FY15, staff applied for approximately $1,000,000 in grants. Grant funds will be sought for the Southern Phase. The Central Phase is possibly being built by a private developer.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	47,500	18,750		-		-	66,250
Construction	-	500,000	250,000	-	-		750,000
		-	-	-	-	-	-
TOTAL PROJECT COSTS	**47,500**	**518,750**	**250,000**	**-**	**-**	**-**	**816,250**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Capital Rplcmnt Fund 317	4,750	-	-	-	-	-	4,750
Grants (FIND, ECHO, etc.)	42,750	518,750	250,000	-	-	-	811,500
Proceeds from Bond Refinancing	-	-	-	-	-	-	-
Unfunded	-		-	-	-	-	-
	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**47,500**	**518,750**	**250,000**	**-**	**-**	**-**	**816,250**

OPERATIONAL IMPACT

Once constructed, the park will be maintained by the City. This will have an impact on the operating budget.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Fund - (001)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201647

PROJECT NAME:	WB Dunlawton Ave Right Turn Lane and City Cir Pkwy.	**Project Manager:**	CD Planner
DEPARTMENT:	Community Development	**Original Plan Date:**	March 10, 2015
LOCATION:	Dunlawton Avenue and City Center Parkway	**Concurrency Requirement:**	No

Goal / Objective: Goal 1 Objective 1

DESCRIPTION/JUSTIFICATION:

This project consists of a proposal to construct a westbound right turn lane on Dunlawton Avenue at the intersection with City Center Parkway to improve traffic flow and reduce delays for turning vehicles and Dunlawton Avenue through vehicles. No additional right-of-way should be needed for this project. The City submitted the project for TPO funding in Spring 2015 and a feasibility study is currently being completed. The feasibility study is anticipated to be complete in late-April 2016. Under current policy, the TPO will fund up to 90% of the project and the City will fund 10% of the project. Once the feasibility study is completed, the project will be eligible for inclusion in the TPO Project Priority List if the City commits to support the design and construction phases. The estimated design and construction cost of the project is $231,500 but will be adjusted after the feasibility study is completed. Based on this estimated cost, the City's share would be $23,150 including $3,000 for design and $20,150 for construction. The City's local match will be funded with restricted Gas Tax funds (Fund 301). The project will add roadway capacity at the intersection and reduce delays for westbound Dunlawton Avenue vehicles turning right.

Component	Cost	City %	City $	TPO $
Feasibility Study	$ 15,000	10%	$ 1,500	$ 13,500
Engr & Design	30,000	10%	3,000	27,000
Construction	201,500	10%	20,150	181,350
Total Proj Cost	**$ 246,500**		**$ 24,650**	**$ 221,850**

Note: Project IMI011 was established in FY16 with a budget of $2,000 for the feasibility study.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Feasibility Study							-
Engineering & Planning	30,000		-	-		-	30,000
Construction	-	201,500		-	-		201,500
	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**30,000**	**201,500**	**-**	**-**	**-**	**-**	**231,500**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - (001)	-	-	-	-	-	-	-
Gas Tax Fund 301 (restricted funds)	3,000	20,150		-	-	-	23,150
Transportation Impact Fee Fund			-	-	-	-	-
TPO Funds	27,000	181,350					208,350
Unfunded			-	-	-	-	-
	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**30,000**	**201,500**	**-**	**-**	**-**	**-**	**231,500**

OPERATIONAL IMPACT

No additional operating costs are expected as a result of this project because this improvement will be maintained by FDOT.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Fund - (001)	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201648

PROJECT NAME:	Landscape Improvements at I-95 Interchange	**Project Manager:**	Margaret Momberger
DEPARTMENT:	Community Development	**Original Plan Date:**	Feb. 2015
LOCATION:	Dunlawton/Taylor Rd. and I-95	**Concurrency Requirement:**	No

Goal / Objective: Goal 2 Objective 1

DESCRIPTION/JUSTIFICATION:

Beatification of transportation corridors falls under Goal 2, Objective 1 (Quality ot Life) of the City's Strategic Plan. The City Council has placed a priority on enhancing the appearance of the City's landscape and gateway areas. This project will require irrigation and landscaping of the new interchange. The interchange is being reconstructed with the I-95 widening project. The widening project is expected to be complete by Spring/Summer of 2018.

Component	Cost
Engineering & Planning:	$ 30,000
Construction:	500,000
Total Proj Cost:	**$ 530,000**

Note: The application made for FDOT Landscape Discretionary funding for construction has been approved at $500,000.
Project AIO032 was established in FY16 with a budget of $30,000 for Engineering & Planning .

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning		-	-	-		-	-
Construction	-	500,000		-	-		500,000
	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**-**	**500,000**	**-**	**-**	**-**	**-**	**500,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - (001)	-	-	-	-	-	-	-
General Capital Fund 317 - Funded		-	-	-	-	-	-
FDOT Landscape Discretionary Grant	-	500,000		-	-	-	500,000
Other	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**-**	**500,000**	**-**	**-**	**-**	**-**	**500,000**

OPERATIONAL IMPACT

Once installed, the landscaping and irrigation will be maintained by the City. This will include mowing, periodic pruning, weeding, plant replacement, fertilization and pest control which will have an impact on the operating budget.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Fund - (001)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201749

PROJECT NAME:	Halifax Drive Linear Park (Multi-Purpose Trail)	**Project Manager:**	CD Planner
DEPARTMENT:	Community Development	**Original Plan Date:**	March 10, 2016
LOCATION:	Halifax Dr between Dunlawton Ave. and Commonwealth Blvd.	**Concurrency Requirement:**	No

Goal / Objective: Goal 1 Objective 1

DESCRIPTION/JUSTIFICATION:

This project will consist of a 7,050-foot (1.33 miles) long, minimum ten (10) foot wide paved or concrete trail/sidewalk within the Halifax Drive right-of-way from Dunlawton Avenue south to Commonwealth Boulevard along with parking facilities for residents who want to drive to the Linear Park to walk or bike. The Linear Park would provide a safe multi-purpose trail for all residents to walk or bike along the Halifax River. The proposed bicycle/pedestrian path will expand opportunities for residents to access existing parks located in the City and to the north (South Daytona Beach) and south (New Smyrna Beach) by biking or walking.

No additional right-of-way is anticipated for this project. The City submitted the project for TPO funding in Spring 2016 and a feasibility study is anticipated to be complete in late-April 2017. Once completed, the project will be eligible for inclusion in the TPO Project Priority List if the City commits to support the design and construction phases. In the application, staff will request that multiple options be evaluated as part of the feasibility study. An estimated cost for design and construction for these options will not be known until a feasibility study is completed.

1. Removal of the existing sidewalk along west side of Halifax Drive and construct a minimum 10' multi-purpose trail.
2. Removal of the existing sidewalk along west side of Halifax Drive, shift Halifax Drive to the west side of the right-of-way, and construct a minimum 10' multi-purpose trail along the east side of Halifax Drive adjacent to the Halifax River.
3. Repurpose Halifax Drive to be a one-way street and construct a minimum 10' multi-purpose trail adjacent to the Halifax River.

The estimated design and construction cost of option 1 is $700,000 but will be adjusted after the feasibility study is completed. Based on this estimated cost the City's share would be $70,000 including $10,000 for design and $60,000 for construction. The estimated cost for Options 2 and 3 will not be known until a feasibility study is completed.

Component	Total Cost	City %	Total City $	TPO $
Feasibility Study	$ 30,000	10%	$ 3,000	$ 27,000
Eng. & Plan	100,000	10%	10,000	90,000
Construction	600,000	10%	60,000	540,000
Total Proj Cost	**$ 730,000**		**$ 73,000**	**$ 657,000**

Note: Estimated cost based on the Spruce Creek Road South sidewalk project and does not include any right-of-way acquisition.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Feasibility Study	30,000	-	-	-	-	-	30,000
Right-of-Way Acquisition	-	-	-	-	-	-	-
Engineering & Planning		100,000	-	-		-	100,000
Construction	-		600,000	-	-	-	600,000
							-
TOTAL PROJECT COSTS	**30,000**	**100,000**	**600,000**	**-**	**-**	**-**	**730,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - (001)	-	-	-	-	-	-	-
Transportation Impact Fee Fund 312	3,000	10,000	60,000	-	-	-	73,000
Proportionate Fair Share Contributions	-	-	-	-	-	-	-
TPO Funds	27,000	90,000	540,000	-	-	-	657,000
Unfunded	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**30,000**	**100,000**	**600,000**	**-**	**-**	**-**	**730,000**

OPERATIONAL IMPACT

Once completed, the sidewalk improvements would be maintained by the City. This will include periodic resurfacing or slab replacement/maintenance costs which will impact the operating budget and possibly reduce overall maintenance service levels.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	500	500	500	500	2,000
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**500**	**500**	**500**	**500**	**2,000**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Fund - (001)	-	-	500	500	500	500	2,000
Total	**-**	**-**	**500**	**500**	**500**	**500**	**2,000**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201750

PROJECT NAME:	Eastbound Dunlawton Avenue Right Turn Lane	**Project Manager:**	CD Planner
DEPARTMENT:	Community Development	**Original Plan Date:**	March 10, 2016
LOCATION:	Dunlawton Avenue and Clyde Morris Boulevard	**Concurrency Requirement:**	No

Goal / Objective: Goal 1 Objective 1

DESCRIPTION/JUSTIFICATION:

Note: This project consists of a proposal to construct a right turn lane on eastbound Dunlawton Avenue at the intersection with Clyde Morris Boulevard to improve traffic flow and reduce delays for turning vehicles and through vehicles. No additional right-of-way should be needed for this project. The City submitted the project for TPO funding in Spring 2016. Under current policy, the TPO will fund up to 90% of the project and the City will fund 10% of the project. Once ranked by the TPO, a feasibility study will need to be conducted first. Once the study is completed, the project will be eligible for inclusion in the TPO Project Priority List if the City commits to support the design and construction phases. The estimated design and construction cost of the project is $250,000 but will be adjusted after the feasibility study is completed. Based on this estimated cost, the City's share would be $25,000 including $4,000 for design and $21,000 for construction. The City's local match will be funded with restricted Gas Tax funds (Fund 301). The project will add roadway capacity at the intersection and reduce delays for eastbound vehicles turning right.

Component	Cost	City %	City $	TPO $
Feasibility Study	$ 15,000.00	10.00%	$ 1,500.00	$ 13,500.00
Eng. & Design	40,000.00	10.00%	4,000.00	36,000.00
Construction	210,000.00	10.00%	21,000.00	189,000.00
Total Proj Cost	**$ 265,000.00**		**$ 26,500.00**	**$ 238,500.00**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Feasibility Study		15,000					15,000
Engineering & Planning			40,000	-		-	40,000
Construction	-			210,000	-		210,000
	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**-**	**15,000**	**40,000**	**210,000**	**-**	**-**	**265,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - (001)	-	-	-	-	-	-	-
Gas Tax Fund 301 (restricted funds)		1,500	4,000	21,000	-	-	26,500
Transportation Impact Fee Fund	-	-	-	-	-	-	-
TPO Funds		13,500	36,000	189,000			238,500
Unfunded					-	-	-
	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**-**	**15,000**	**40,000**	**210,000**	**-**	**-**	**265,000**

OPERATIONAL IMPACT

No additional operating costs are expected as a result of this project because this improvement would be maintained by FDOT.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Fund - (001)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201751

PROJECT NAME:	WB Dunlawton Avenue Right Turn Lane at Nova Rd.	**Project Manager:**	CD Planner
DEPARTMENT:	Community Development	**Original Plan Date:**	March 10, 2016
LOCATION:	Dunlawton Avenue and Nova Road	**Concurrency Requirement:**	No

Goal / Objective: Goal 1 Objective 1

DESCRIPTION/JUSTIFICATION:

This project consists of a proposal to construct a right turn lane on westbound Dunlawton Avenue at the intersection with Nova Road to improve traffic flow and reduce delays for turning vehicles and through vehicles. No additional right-of-way should be needed for this project. The City submitted the project for TPO funding in Spring 2016. Under current policy, the TPO will fund up to 90% of the project and the City will fund 10% of the project. Once ranked by the TPO, a feasibility study will need to be conducted. Once the study is completed, the project will be eligible for inclusion in the TPO Project Priority List if the City commits to support the design and construction phases. The estimated design and construction cost of the project is $250,000 but will be adjusted after the feasibility study is completed. Based on this estimated cost, the City's share would be $25,000 including $4,000 for design and $21,000 for construction. The City's local match will be funded with restricted Gas Tax funds (Fund 301). The project will add roadway capacity at the intersection and reduce delays for westbound vehicles turning right.

Component	Cost	City %	City $	TPO $
Feasibility Study	$ 15,000	10.00%	$ 1,500	$ 13,500
Eng. & Design	40,000	10.00%	4,000	36,000
Construction	210,000	10.00%	21,000	189,000
Total Proj Cost	**$ 265,000**		**$ 26,500**	**$ 238,500**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Feasibility Study	-	15,000	-	-	-	-	15,000
Engineering & Planning	-		40,000	-	-	-	40,000
Construction	-			210,000	-		210,000
	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**-**	**15,000**	**40,000**	**210,000**	**-**	**-**	**265,000**

PROPOSED SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
General Operating - (001)	-	-	-	-	-	-	-
Gas Tax Fund 301 (restricted funds)	-	1,500	4,000	21,000	-	-	26,500
Transportation Impact Fee Fund	-	-	-	-	-	-	-
TPO Funds		13,500	36,000	189,000			238,500
Unfunded					-	-	-
	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**-**	**15,000**	**40,000**	**210,000**	**-**	**-**	**265,000**

OPERATIONAL IMPACT

No additional operating costs are expected as a result of this project because this improvement would be maintained by FDOT.

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
General Fund - (001)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201752

PROJECT NAME:	Former Police Department Renovations	**Project Manager:**	CD Engineer
DEPARTMENT:	Community Development	**Original Plan Date:**	March 15, 2016
LOCATION:	Former Police Department Building	**Concurrency Requirement:**	No

Goal / Objective: **Goal 6 Objective N/A**

DESCRIPTION/JUSTIFICATION:

This project will remodel the currently vacant former Police headquarters building to house other City services. Design plans are underway and the estimated price to construct the improvements is $1,200,000. $400,000 is currently budgeted in project AIO014 and an additional $800,000 is proposed to be added to complete the project.

Note: Project AIO014 was established in FY11 with a budget of $400,000 to fund construction.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	-	-	-	-		-	-
Construction	800,000	-	-	-	-		800,000
	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**800,000**	**-**	**-**	**-**	**-**	**-**	**800,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - (001)	-	-	-	-	-	-	-
Grants	-	-	-	-	-	-	-
Transportation Impact Fee Fund	-	-	-	-	-	-	-
General Capital Fund - 317	800,000	-	-	-	-	-	800,000
	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**800,000**	**-**	**-**	**-**	**-**	**-**	**800,000**

OPERATIONAL IMPACT

There are current maintenance costs at this building, however, once completed and occupied, operation costs for electricity, custodial, etc, will increase.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Fund - (001)	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201753

PROJECT NAME:	City Hall Repurposing	**Project Manager:**	CD Engineer
DEPARTMENT:	Community Development	**Original Plan Date:**	March 15, 2016
LOCATION:	City Hall	**Concurrency Requirement:**	No

Goal / Objective: **Goal 6 Objective N/A**

DESCRIPTION/JUSTIFICATION:

This project is proposed in connection with the repurposing of the former Police Station. Office space that is vacated in City Hall will need interior remodeling to serve new purposes. Designs have not yet been prepared. Preliminary cost estimates for the rennovation are $250,000.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	-	-	-	-		-	-
Construction	250,000	-	-	-	-		250,000
	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**250,000**	**-**	**-**	**-**	**-**	**-**	**250,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - (001)	-	-	-	-	-	-	-
Grants	-	-	-	-	-	-	-
Transportation Impact Fee Fund	-	-	-	-	-	-	-
General Capital Fund - 317	250,000	-	-	-	-	-	250,000
	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**250,000**	**-**	**-**	**-**	**-**	**-**	**250,000**

OPERATIONAL IMPACT

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Fund - (001)	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

LEASE AND REPLACEMENT FUND
FLEET REPLACEMENT SCHEDULE - Community Development

VEH #	MAKE	DESCRIPTION	YEAR	FY17	FY18	FY19	FY20	FY21	FY22
1900 PLANNING & DEVELOPMENT									
		SUB TOTAL - Planning & Development		**-**	**-**	**-**	**-**	**-**	**-**
1901 BUILDING DIVISION									
1727	CHEVY	S10 BLAZER	2005	23,000					
1782	CHEVY	COLORADO PICKUP	2006	23,000					
1754	CHEVY	COLORADO PICKUP	2006		23,000				
2076	Nissan	Frontier Ext. Cab Pickup	2015	-	-	-	-	-	-
2100	FORD	F150 EXT. CAB PICKUP	2016	-	-	-	-	-	-
2101	FORD	F150 EXT. CAB PICKUP	2016	-	-	-	-	-	-
		SUB TOTAL - Building Division		**46,000**	**23,000**	**-**	**-**	**-**	**-**
1902 COMMUNITY IMPROVEMENT DIVISION									
1755	CHEVY	COLORADO PICKUP	2006	-	22,000	-	-	-	-
1781	CHEVY	COLORADO PICKUP	2007	-	22,000	-			-
2012	TOYOTA	TACOMA PICKUP	2013	-	-	-	-	-	-
2054	Chevy	Silverado Pickup	2015	-	-	-	-	-	-
2072	Nissan	Frontier Ext Cab Pickup	2015	-	-	-	-	-	-
		SUB TOTAL - Community Improvement		**-**	**44,000**	**-**	**-**	**-**	**-**
1903 ENGINEERING DIVISION									
1637	S10	PICKUP 4X4	2003	22,000	-	-	-	-	-
1726	Ford	PICKUP 4X2	2006	23,000	-	-	-	-	-
		SUB TOTAL - Engineering		**45,000**	**-**	**-**	**-**	**-**	**-**
		TOTAL- Community Development		**91,000**	**67,000**	**-**	**-**	**-**	**-**

Operational Impact: No additional operating costs are expected from this routine replacement of fleet vehicles.

Fire Rescue Services

FY17 – FY22 CIP Request

Draft 2

06/14/16

Summary by Department and Funding Status

(in thousands)

#	Project	Department	Funding Status	Funding Source	FY17	FY18	FY19	FY20	FY21	FY22	Total	Pg. #
Fire												
200723	12 Lead Heart Monitors	Fire	Funded	505	60	60	-	-	-	-	120	59
201023	Thermal Imaging Camera Replacement Program	Fire	Funded	505	-	-	16	16	16	-	48	60
201637	Extrication Equipment	Fire	Funded	505	40	40	-	-	-	-	80	61
Fleet	Veh - Rplcmnt - Fire	Fire	Funded	505	37	725	680	-	135	-	1,577	62
		Total Fire - All:			**137**	**825**	**696**	**16**	**151**	**-**	**1,825**	
		Fire - Funded:			**137**	**825**	**696**	**16**	**151**	**-**	**1,825**	
		Fire - Unfunded:			**-**	**-**	**-**	**-**	**-**	**-**	**-**	
		Fire - Contingent Proposed:			**-**	**-**	**-**	**-**	**-**	**-**	**-**	
		Total Fire - All:			**137**	**825**	**696**	**16**	**151**	**-**	**1,825**	

Fund Legend:

001 General Fund	301 Capital Projects (Gas Tax)	401 W/S Operating	412 Drainage
106 Recreation Facilities (YMCA)	312 Transp. Impact Fee	403 W/S R&R	450 Golf Course
109 Building Special Revenue	317 General Capital	405 W/S Impact Fee	505 Lease & Replacement
			506 Building Maintenance

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 200723

PROJECT NAME	12 Lead Heart Monitors	**Project Manager**	Ken Fustin
DEPARTMENT	Fire Rescue	**Original Plan Date**	February 24, 2006
LOCATION	Fire Stations	**Concurrency Requirement**	N/A

Goal / Objective: Goal 5 Objective 1

DESCRIPTION/JUSTIFICATION:

The Department currently has 9 (nine) heart monitors, six of these monitors have been in service since 2000 and were purchased with assistance from a State EMS matching grant. This will begin a replacement program for the cardiac field monitors. We received 3 new Life Pack 15's in 2013 via a state EMS grant but we need to replace the other 6 as well. Estimated cost for each monitor is $30,000.

Note: Project FIR003 was established in FY13 to fund 3 monitors. Fire presented a grant to the Council that allowed for the replacement of 3 monitors in 2013 at a total cost of $16,667 to the City. The Department purchased two Life Pack 15's in FY 15-16. Now we need to replace the remaining 4 (four) Life Pack 12's with Life Pack 15's at a total cost of $120,000. This purchase could be spread out over the next 2 years.

Project FIR003 currently has $57,000 budgeted for FY16 to replace two of the monitors.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-
Equipment	60,000	60,000		-	-	-	120,000
TOTAL PROJECT COSTS	**60,000**	**60,000**	**-**	**-**	**-**	**-**	**120,000**

SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - Fire 001	-	-	-	-	-	-	-
Lease & Replacement Fund 505	60,000	60,000		-	-	-	120,000
Unfunded	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**60,000**	**60,000**	**-**	**-**	**-**	**-**	**120,000**

OPERATIONAL IMPACT

Replacement of existing equipment will result in fewer repairs and improved dependability. Routine maintenance is currently programmed within the department's operating budget. No additional operating costs are anticipated.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Fund 001	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201023

Project Name:	Thermal Imaging Camera Rplcmnt Prgrm	**Project Manager:**	Ken Fustin
Department:	Fire Rescue	**Original Plan Date:**	02/01/09
Location:	1090 City Center Blvd.	**Concurrency Requirement:**	N/A

Goal / Objective: Goal 5 Objectives 1 & 2

DESCRIPTION / JUSTIFICATION:

There are six (6) thermal imaging cameras currently in service. The department replaced 2 units in FY11, two units in FY13 and purchased two units in FY14. We are recommending to phase in replacements due to normal wear, based on availability of parts and service as technology changes.

We are projecting to start the replacement cycle again in 2019 at an estimated cost of $7,800 per camera.

Note: Project FIR005 was established in FY13 and 2 cameras were purchased. In FY14, 2 more cameras were purchased, one from the Fire Impact Fee Fund 311 (new camera) and the other from the Lease and Replacement Fund 505 (replacement camera).

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	-	-	-	-	-	-	-
Construction		-	-	-	-	-	-
Equipment	-	-	15,600	15,600	15,600		46,800
TOTAL PROJECT COSTS	**-**	**-**	**15,600**	**15,600**	**15,600**	**-**	**46,800**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - Fire 001	-	-	-	-	-	-	-
Fire Impact Fee Fund 311	-	-	-	-	-	-	-
Lease & Replacement Fund 505	-	-	15,600	15,600	15,600		46,800
Unfunded	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**-**	**-**	**15,600**	**15,600**	**15,600**	**-**	**46,800**

OPERATIONAL IMPACT

Replacement of existing equipment due to age and condition. Routine maintenance is currently programmed within the department's operating budget. No additional operating costs are anticipated.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Fund (001)	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201637

Project Name:	Extrication Equipment	**Project Manager:**	Ken Fustin
Department:	Fire Rescue	**Original Plan Date:**	03/01/15
Location:		**Concurrency Requirement:**	

Goal / Objective: Goal 5 Objective 1

DESCRIPTION / JUSTIFICATION:

Description:
Purchase of new extrication accessories for Engine 73 and Quint 72 and replacement of extrication accessories for the remaining vehicles.

Impact:
Engine 73 and Quint 72 do not have necessary accessories for their extrication equipment and for the remaining vehicles extrication accessories are 15 to 20 years old and beyond their useful life. Ensuring that this equipment is in good working order will allow first responders to complete life saving techniques with more assurances that equipment will not fail. In addition, the department will be able to perform extrication more quickly if they do not have to wait for another vehicle with working equipment.

Note: Project FIR014 was established in FY16 with s $40,000 budget.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	-	-	-	-	-	-	-
Construction		-	-	-	-	-	-
Equipment	$40,000	$40,000		-	-	-	80,000
TOTAL PROJECT COSTS	**40,000**	**40,000**	**-**	**-**	**-**	**-**	**80,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - Fire 001	-	-	-	-	-	-	-
Fire Impact Fee Fund 311	-	-	-	-	-	-	-
Lease & Replacement Fund 505	40,000	40,000		-	-	-	80,000
Unfunded	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**40,000**	**40,000**	**-**	**-**	**-**	**-**	**80,000**

OPERATIONAL IMPACT

Replacement of existing equipment due to age and condition. Routine maintenance is currently programmed within the department's operating budget. No additional operating costs are anticipated.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Fund (001)	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

LEASE AND REPLACEMENT FUND

FLEET REPLACEMENT SCHEDULE - Fire and Rescue

VEH #	MAKE	DESCRIPTION	YEAR	FY17	FY18	FY19	FY20	FY21	FY22
3100 FIRE DEPARTMENT									
1403	FORD	F350 BRUSH TRUCK CHASSIS	1994		45,000	-		-	-
1403A	FORD	F350 SKID LOAD PUMP & TANK	2015	-	-	-		-	-
1631	PIERCE	ENFORCER PUMPER 74 BACKUP	2003	-	680,000	-		-	-
1634	Buick	Century Sedan	2003	22,000	-	-		-	-
1664	PIERCE	ENFORCER PUMPER 73	2004	-	-	680,000		-	-
1793	FORD	F550 BRUSH TRUCK	2008	-	-	-		-	-
1802	TATRA	BRUSH TRUCK/TANKER	2008	-	-	-	-	-	-
1832	PIERCE	CONTENDER PUMPER 71	2009	-	-	-	-	-	-
1836	INTERNATIONAL	4300 AMBULANCE	2011	-	-	-	-	-	-
1866	CHEVY	K2500 4X4 PICKUP	2011	-	-	-	-	45,000	-
1867	CHEVY	K2500 4X4 PICKUP	2011	-	-	-	-	45,000	-
1868	CHEVY	K2500 4X4 PICKUP	2011	-	-	-	-	45,000	-
1883	PIERCE	SABER PUMPER 75	2012	-	-	-	-	-	-
2037	PIERCE	SABER PUMPER 74	2013	-	-	-	-	-	-
2039	Pierce	75' Quint Ladder Truck	2014						
2045	FORD	EXPLORER SUV	2014						
2058	Chevy	Tahoe 4x4 SUV	2015						
2083	PIERCE	PUMPER RESCUE #73	2015						
8116	SUZUKI	EIGER ATV	2004	15,000					
9402	POLARIS	RANGER ATV	2013	-	-	-	-	-	-
2098	FORD	F150 4X2 PICKUP	2016	-	-	-	-	-	-
20??	FORD	TRANSIT CARGO VAN	2016	-	-	-	-	-	-
NEW	FORD	EXPLORER SUV (to be purchased out of 001-3100-522-64-00 in FY17)	2017	27,000	-	-	-	-	-
		TOTAL - Fire and Rescue:		**64,000**	**725,000**	**680,000**	**-**	**135,000**	**-**
		Less: Vehicles/Equip purchased out of Fire:		**(27,000)**					
		Grand Total:		**37,000**	**725,000**	**680,000**	**-**	**135,000**	**-**

Operational Impact: No additional operating costs are expected from this routine replacement of fleet vehicles.

Information Technology

FY17 – FY22 CIP Request

Draft 2

06/14/16

City of Port Orange, Florida
Capital Improvement Program (CIP) FY17 - FY22
Summary by Department and Funding Status
(in thousands)

Information Technology (IT)

#	Project	Department	Funding Status	Funding Source	FY17	FY18	FY19	FY20	FY21	FY22	Total	Pg. #
200501	City Municipal Network	Info. Tech.	Funded	505	45	30	30	30	30	30	195	65
200503	Maintain Hardware Infrastructure	Info. Tech.	Funded	505	85	25	25	25	25	25	210	66
201320	Video Security Program	Info. Tech.	Funded	505	40	-	-	-	-	-	40	67
201321	Public Safety Technology Refresh	Info. Tech.	Funded	505	30	30	30	30	30	30	180	68
201501	Enterprise Resource Planning System	Info. Tech.	Funded	505	400	100	-	-	-	-	500	69
201625	City Hall Datacenter Renovations	Info. Tech.	Funded	317	25	-	-	-	-	-	25	70
201626	Virtual Desktop Infrastructure	Info. Tech.	Funded	505	100	100	-	-	-	-	200	71
201728	Conference Room Upgrades	Info. Tech.	Unfunded	317	35	-	-	-	-	-	35	72
201729	PogTV Studio Upgrades	Info. Tech.	Unfunded	317	47	10	-	-	-	-	57	73
Fleet	Veh Rplcmnt - IT	Info. Tech.	Funded	505	22	-	-	-	-	-	22	74
	Total Information Technology - All:				**829**	**295**	**85**	**85**	**85**	**85**	**1,464**	
	Information Technology - Funded:				**747**	**285**	**85**	**85**	**85**	**85**	**1,372**	
	Information Technology - Unfunded:				**82**	**10**	**-**	**-**	**-**	**-**	**92**	
	Information Technology - Contingent Proposed:				**-**	**-**	**-**	**-**	**-**	**-**	**-**	
	Total Information Technology - All:				**829**	**295**	**85**	**85**	**85**	**85**	**1,464**	

Fund Legend:

001 General Fund	301 Capital Projects (Gas Tax)	401 W/S Operating	412 Drainage
106 Recreation Facilities (YMCA)	312 Transp. Impact Fee	403 W/S R&R	450 Golf Course
109 Building Special Revenue	317 General Capital	405 W/S Impact Fee	505 Lease & Replacement
			506 Building Maintenance

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 200501
ZMI015

PROJECT NAME	City Municipal Network	**Project Manager:**	James Hicks
DEPARTMENT	Information Technology	**Original Plan Date:**	October 1, 2004
LOCATION	Various Department Locations	**Concurrency Requirement:**	N/A

Goal / Objective: Goal 1

DESCRIPTION/JUSTIFICATION:

Information Technology manages and maintains a complex fiber optic network ring encompassing 15 city facilities and covering a distance of 8.5 miles. To secure this network and deliver the necessary bandwidth needed to support modern applications and technology, telecommunications infrastructure must continually be upgraded and replaced. This includes fiber optic network switches, routers, firewalls, intrusion detection systems, and all associated peripherals. Related devices are typically kept in production until no longer supported by the manufacturer, or unless security issues or significant technology changes require upgrades prior to the devices end-of-life date.

Note: **Project ZMI015** Municipal Network currently has $132,308 budgeted/available in FY16.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-
Equipment	45,000	30,000	30,000	30,000	30,000	30,000	195,000
TOTAL PROJECT COSTS	**45,000**	**30,000**	**30,000**	**30,000**	**30,000**	**30,000**	**195,000**

PROPOSED SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Information Technology Fund (501)	-	-	-	-	-	-	-
Lease & Replacement Fund 505	45,000	30,000	30,000	30,000	30,000	30,000	195,000
Unfunded	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**45,000**	**30,000**	**30,000**	**30,000**	**30,000**	**30,000**	**195,000**

OPERATIONAL IMPACT

No additional operating expenses are anticipated as a result of this project.

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-		-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Information Technology Fund (501)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 200503
ZMI016

PROJECT NAME	Maintain Hardware Infrastructure	**Project Manager:**	James Hicks
DEPARTMENT	Information Technology	**Original Plan Date:**	October 1, 2004
LOCATION	Various Department Locations	**Concurrency Requirement:**	N/A

Goal / Objective: Goal 5 Objective 4; Goal 6 Objective 7

DESCRIPTION/JUSTIFICATION:

This project will address the ongoing need to update and replace various types of capital technology hardware such as servers and enterprise storage devices. Currently, Information Technology manages 18 physical servers which contain over 75 virtual servers as well dual highly available storage area networks with 15 terabytes of data. The typical lifespan of these devices range from 3 to 6 years, depending on multiple factors including usage, wear and tear, purpose, etc. While continuous efforts are made to extend the lifespan of these devices by repairing and upgrading components as needed instead of replacing the entire device, to keep up with technological advancements and ensure that appropriate technology can be supported by IT staff as well as vendors, equipment does need to be replaced on a scheduled basis. In FY17, funds are being requested in order to overhaul the core server infrastructure which consists of four compute nodes attached to multiple redundant storage nodes. This will ensure the continued availability and integrity of the city's services and data.

Note: **Project ZMI016** Computer Hardware currently has $79,866 budgeted/available in FY16.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-
Equipment	85,000	25,000	25,000	25,000	25,000	25,000	210,000
TOTAL PROJECT COSTS	**85,000**	**25,000**	**25,000**	**25,000**	**25,000**	**25,000**	**210,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Information Technology Fund (501)							-
Lease & Replacement Fund 505	85,000	25,000	25,000	25,000	25,000	25,000	210,000
Unfunded			-	-	-	-	-
TOTAL PROJECT REVENUE	**85,000**	**25,000**	**25,000**	**25,000**	**25,000**	**25,000**	**210,000**

OPERATIONAL IMPACT

No additional operating expenses are anticipated as a result of this project.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-		-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Information Technology Fund (501)	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201320
ZMI040

Project Name:	Video Security Program	**Project Manager:**	James Hicks
Department:	Information Technology	**Original Plan Date:**	2/2/2012
Location:	City Hall / Lakeside Center / Riverwalk Park	**Concurrency Requirement:**	

Goal / Objective: Goal 1 and Goal 5

DESCRIPTION / JUSTIFICATION:

Information Technology manages over 90 digital video surveillance cameras citywide as well as houses 33 terabytes of video data which allows for almost 60 days of retention in most instances. Some of the existing surveillance cameras in use are older, standard definition models which were purchased and installed in 2011 and 2012. With advancements in technology, higher resolution cameras with features such as wide angle lenses, pan-tilt-zoom, motion sensing, and low-light capability are now widely available. In FY17, this project will address the need to scale out to locations in City parks to improve security measures at popular locations.

Regular maintenance and repairs of existing cameras are budgeted for in IT's operational budget within the 501 Fund.

Note: **Project ZMI040** Video Security System Program currently has $31,244 budgeted/available in FY16.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	-	-	-	-	-	-	-
Construction		-	-	-	-	-	-
Equipment	40,000		-	-	-	-	40,000
TOTAL PROJECT COSTS	**40,000**	**-**	**-**	**-**	**-**	**-**	**40,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Information Technology Fund 501	-	-	-	-	-	-	-
Lease & Replacement Fund 505	40,000	-	-	-	-	-	40,000
Unfunded	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**40,000**	**-**	**-**	**-**	**-**	**-**	**40,000**

OPERATIONAL IMPACT

No additional operating costs are expected as a result of this annual program.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-		-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Information Technology Fund (501)	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201321
ZMI032

Project Name:	Public Safety Technology Refresh	**Project Manager:**	James Hicks
Department:	Information Technology	**Original Plan Date:**	2/23/2012
Location:	Police Department/Fire Department	**Concurrency Requirement:**	

Goal / Objective: Goal 5

DESCRIPTION / JUSTIFICATION:

With the dissolution of the Regional Communications Center (RCC) in 2011, Information Technology became responsible for the replacement of patrol car and fire engine laptops (MDM's). Currently, there are just under 100 laptops in circulation within Public Safety. Due to the heavy use and extreme conditions these laptops sometimes endure, they are required to be on a 3 year replacement cycle in order to provide the highest level of service. In FY14 and FY15, this project only contained $15,000 and $20,000 respectively in funding. These figures turned out to be underestimated and subsequently Information Technology was required to reappropriate funds from alternate accounts to supplement this project. FY16 funding of $30,000 was deemed adequate in order to maintain appropriate technology levels. Equivalent funding is being requested for FY17.

Note: **Project ZMI032** Police Laptop Replacement Program currently has $43,472 budgeted/available in FY16.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-
Equipment	30,000	30,000	30,000	30,000	30,000	30,000	180,000
TOTAL PROJECT COSTS	**30,000**	**30,000**	**30,000**	**30,000**	**30,000**	**30,000**	**180,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Information Technology Fund 501	-	-	-	-	-	-	-
Lease & Replacement Fund 505	30,000	30,000	30,000	30,000	30,000	30,000	180,000
Unfunded	-	-	-				-
TOTAL PROJECT REVENUE	**30,000**	**30,000**	**30,000**	**30,000**	**30,000**	**30,000**	**180,000**

OPERATIONAL IMPACT

No additional operating costs are expected as a result of this annual program.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-		-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**
				-			-

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Information Technology Fund (501)	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201501

Project Name:	Enterprise Resource Planning System	**Project Manager:**	James Hicks
Department:	Information Technology	**Original Plan Date:**	03/31/14
Location:	City Hall	**Concurrency Requirement:**	

Goal / Objective: Goal 3 Objectives 1 and 3; Goal 4 Objectives 1 and 3; Goal 6 Objectives 4, 5, 7 and 8

DESCRIPTION / JUSTIFICATION:

The City of Port Orange has been utilizing SunGard/HTE software for its enterprise financial and community service applications infrastructure since 1988. Although this system has been adequate, technological advancements and changes in business models have proven the need to research, evaluate, and implement a more comprehensive, integrated city-wide business modernization ERP (Enterprise Resource Planning) solution. This will allow the City to better and more efficiently manage the entire scope of its core financials, payroll/HR, purchasing, community development and utilities/public works operations.

The City previously funded $1,600,000 towards this project in FY15 and FY16. Projected expenditures are calculated with the assumption that those funds will remain allocated to this project.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Consulting/Project Management	100,000	100,000		-	-	-	200,000
Construction	-	-	-	-	-	-	-
Software Development	300,000		-	-	-	-	300,000
TOTAL PROJECT COSTS	**400,000**	**100,000**	**-**	**-**	**-**	**-**	**500,000**

SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Lease & Replacement Fund 505	400,000	100,000		-	-	-	500,000
Other	-	-	-	-	-	-	-
Unfunded	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**400,000**	**100,000**	**-**	**-**	**-**	**-**	**500,000**

OPERATIONAL IMPACT

The City will be running parallel systems during the implementation of this new software and will need to carry maintenance on both systems based upon modules implemented (new system) or abandoned (old system). The annual projected maintenance costs for the new system is $220,000 and we currently have $100,000 budgeted for our current system.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	220,000	180,000	120,000	120,000	120,000	120,000	880,000
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**220,000**	**180,000**	**120,000**	**120,000**	**120,000**	**120,000**	**880,000**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Information Technology Fund (501)	220,000	180,000	120,000	120,000	120,000	120,000	880,000
Unfunded	**-**	**-**	-	-	-	-	-
Total	**220,000**	**180,000**	**120,000**	**120,000**	**120,000**	**120,000**	**880,000**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201625

Project Name:	City Hall Datacenter Renovations	**Project Manager:**	James Hicks
Department:	Information Technology	**Original Plan Date:**	03/11/15
Location:	City Hall	**Concurrency Requirement:**	

Goal / Objective: Goal 1

DESCRIPTION / JUSTIFICATION:

The City's datacenter, located on the 2nd floor of City Hall, was originally purposed as a storage room. As the need for technology throughout the City increased, the room was converted into a datacenter where all of the City's servers and data storage would be located. However, this space is lacking several components, including appropriate security levels, which modern datacenters require. This project will address those needs by renovating the space into the City's technological hub including installing locking server cabinets, additional video surveillance and access control methods, and proper cable management systems.

This project was first proposed in FY16 but was subsequently moved to the FY18 CIP. However, per the recommendation of the recently completed 5 Year IT Strategic Plan, this project should be considered a priority due to the business impact of a potential equipment failure or security breach in the City's datacenter.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	-			-	-	-	-
Construction				-	-	-	-
Equipment	25,000			-	-	-	25,000
TOTAL PROJECT COSTS	**25,000**	**-**	**-**	**-**	**-**	**-**	**25,000**

SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Information Technology Fund 501	-	-	-	-	-	-	-
General Capital Fund 317 - Funded	25,000			-	-	-	25,000
General Capital Fund 317 - Unfunded		-	-	-	-	-	-
TOTAL PROJECT REVENUE	**25,000**	**-**	**-**	**-**	**-**	**-**	**25,000**

OPERATIONAL IMPACT

No additional operating costs are expected as a result of this annual program.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Information Technology Fund (501)	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201626

Project Name:	Virtual Desktop Infrastructure	**Project Manager:**	James Hicks
Department:	Information Technology	**Original Plan Date:**	03/11/15
Location:	Various Department Locations	**Concurrency Requirement:**	

Goal / Objective: Goal 6

DESCRIPTION / JUSTIFICATION:

Virtual Desktop Infrastructure (VDI) refers to the practice of hosting a desktop operating system within a virtual machine running on a centralized server. Unlike conventional PCs, a virtual desktop is hosted from the City's datacenter using powerful servers supporting the computing needs of multiple users simultaneously. Individual users access the hosted desktop environment using low-cost, energy efficient Thin Client devices, which have a significantly longer lifecycle of 7 to 10 years typically. There are numerous benefits to implementing VDI throughout an organization including enhanced security, data integrity, lower cost equipment, efficiency and flexibility, and energy savings.

This project began in FY16 with the release of an RFP to seek a qualified vendor to design the architecture and implement the infrastructure to support all City Hall users. In FY17, the infrastructure will be scaled out to locations around the city, including but not limited to all five fire stations, the police department, parks and recreation, and both water plants.

Note: Project ZMI058 was established in FY16 with a budget of $250,000.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	-	-	-	-	-	-	-
Construction		-	-	-	-	-	-
Equipment	100,000	100,000		-	-	-	200,000
TOTAL PROJECT COSTS	**100,000**	**100,000**	**-**	**-**	**-**	**-**	**200,000**

SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Information Technology Fund 501	-	-	-	-	-	-	-
Lease & Replacement Fund 505	100,000	100,000		-	-	-	200,000
Unfunded	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**100,000**	**100,000**	**-**	**-**	**-**	**-**	**200,000**

OPERATIONAL IMPACT

No additional operating costs are expected as a result of this annual program.

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-		-
Maintenance and Other Operating	$30,000	-	-	-	-	-	30,000
Non Operating (Debt Service)	-	-	-	-	-	-	
Net Annual Impact on Operations	**30,000**	**-**	**-**	**-**	**-**	**-**	**30,000**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Information Technology Fund (501)	30,000	**-**	-	-	-	-	30,000
	-	**-**	-	-	-	-	-
Total	**30,000**	**-**	**-**	**-**	**-**	**-**	**30,000**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201728

Project Name:	Conference Room Upgrades	**Project Manager:**	James Hicks
Department:	Information Technology	**Original Plan Date:**	03/21/16
Location:	City Hall	**Concurrency Requirement:**	

Goal / Objective: **Goal 6 Objective 7**

DESCRIPTION / JUSTIFICATION:

The 2nd Floor Conference Room located at City Hall is a multipurpose room utilized for meetings, lectures, presentations, training, and other related activities. This conference room is not only used by city staff but also open to the community. This project will address the need to implement an integrated audio/visual system in order to transform the room into a versatile and reliable meeting space to allow for effective communication and collaboration. These upgrades will include interactive touch-screen enabled smartboards, flat screen displays, microphones with centralized sound and speakers, lecturns, and media control cabinets. The system will be installed identically on both sides of the meeting room in order to allow for the room to be split into two separate spaces.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-
Equipment	35,000	-	-	-	-	-	35,000
TOTAL PROJECT COSTS	**35,000**	**-**	**-**	**-**	**-**	**-**	**35,000**

SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Information Technology Fund 501	-	-	-	-	-	-	-
Lease and Replacement Fund 505	-	-	-	-	-	-	-
General Capital Fund - 317 Unfunded	35,000	-	-	-	-	-	35,000
TOTAL PROJECT REVENUE	**35,000**	**-**	**-**	**-**	**-**	**-**	**35,000**

OPERATIONAL IMPACT

No additional operating costs are expected as a result of this annual program.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-		-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Information Technology Fund (501)	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201729

Project Name:	PogTV Studio Upgrades	**Project Manager:**	James Hicks
Department:	Information Technology	**Original Plan Date:**	03/21/16
Location:	City Hall	**Concurrency Requirement:**	

Goal / Objective: **Goal 6 Objective 4**

DESCRIPTION / JUSTIFICATION:

The Port Orange Government TV Studio located at City Hall is in dire need of renovations and upgrades. The current broadcasting system in place is over 10 years old. This has led to equipment failures as well as inneficiency through operations. This project will address the need to overhaul the studio, implementing a modern broadcasting system that will revolutionize PogTV in order to not only broadcast via traditional methods, but also taking advantage of online streaming services as well as social media to tap in to a larger audience. As part of this project, a mobile broadcasting studio will also be integrated to allow for live streaming of events such as special workshops as well as community events.

Note: **Project ZMI003 CM City Television Station** currently has $37,829 budgeted / available in FY16.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	-	-	-	-	-	-	-
Construction		-	-	-	-	-	-
Equipment	47,171	10,000	-	-	-	-	57,171
TOTAL PROJECT COSTS	**47,171**	**10,000**	**-**	**-**	**-**	**-**	**57,171**

SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Information Technology Fund 501	-	-	-	-	-	-	-
Lease and Replacement Fund 505	-	-	-	-	-	-	-
General Capital Fund - 317 Unfunded	47,171	10,000	-	-	-	-	57,171
TOTAL PROJECT REVENUE	**47,171**	**10,000**	**-**	**-**	**-**	**-**	**57,171**

OPERATIONAL IMPACT

No additional operating costs are expected as a result of this annual program.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-		-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Information Technology Fund (501)	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

LEASE AND REPLACEMENT FUND
FLEET REPLACEMENT SCHEDULE - Information Technology

VEH #	MAKE	DESCRIPTION	YEAR	FY17	FY18	FY19	FY20	FY21	FY22
0700 INFORMATION TECHNOLOGY									
1739	FORD	ESCAPE HYBRID	2006	22,000					
2044	FORD	TRANSIT CARGO VAN	2014						
		TOTAL - Information Technology		**22,000**	**-**	**-**	**-**	**-**	**-**

Operational Impact: No additional operating costs are expected from this routine replacement of fleet vehicles.

Parks and Recreation

FY17 – FY22 CIP Request

Draft 2

06/14/16

City of Port Orange, Florida
Capital Improvement Program (CIP) FY17 - FY22
Summary by Department and Funding Status
(in thousands)

Parks & Recreation

#	Project	Department	Funding Status	Funding Source	FY17	FY18	FY19	FY20	FY21	FY22	Total	Pg. #
200965	Fence, Dugout & Backstop Replacement	Parks & Rec.	Funded	317	-	100	100	140	-	-	340	77
201270	Causeway Dock Refurbishment	Parks & Rec.	Funded	317	130				-	-	130	78
201270	Causeway Dock Refurbishment	Parks & Rec.	Unfunded	317	201	161					362	
201373	Playground Resurfacing	Parks & Rec.	Funded	317	70	28	-	-	-	-	98	79
201376	Parks Maintenance Storage	Parks & Rec.	Unfunded	317	200	-	-	-	-	-	200	80
201378	West Side Sports Complex	Parks & Rec.	Contingent Proposed	Bond / Debt	860	60	1,150	575	575	575	3,795	81
201481	Ball Field Lamp Rplcmnt	Parks & Rec.	Funded	317	-	-	255	185	148	-	588	82
201582	Gym Floor Replacement	Parks & Rec.	Funded	317	103	-	-	-	-	-	103	83
201686	Gym Renovations / Repurpose	Parks & Rec.	Funded	317	-	-	-	-	30		30	84
			Unfunded	317	-	-			-	270	270	
201687	Facility Painting & HVAC Replacement - Lakeside	Parks & Rec.	Funded	317	54	-	-	-	-	-	54	85
201688	Renovate South Baseball Field at Spruce Creek Park	Parks & Rec.	Funded	317	-	-	-	-	220	-	220	86
201689	Gymnasium Painting	Parks & Rec.	Funded	317	-	36	-	-	-	-	36	87
201691	Spruce Creek Canoe / Kayak Launch	Parks & Rec.	Unfunded	317	198	-	-	-	-	-	198	88
201792	Restroom / Concession Facility	Parks & Rec.	Unfunded	317	-	260	-	-	-	-	260	89
201794	Playground Replacements	Parks & Rec.	Funded	317	35	143	-	-	-	-	178	90
201794	Playground Replacements	Parks & Rec.	Contingent Proposed		35	142					177	
201795	Westside Community Center	Parks & Rec.	Contingent Proposed	Grants / Bond	-	-	55	4,000	-	-	4,055	91
Fleet	Veh Rplcmnt - Parks & Rec	Parks & Rec.	Funded	505	61	178	73	24	113	26	475	92
	Total Parks & Recreation - All:				**1,947**	**1,108**	**1,633**	**4,924**	**1,086**	**871**	**11,569**	
	Parks & Recreation - Funded:				**453**	**485**	**428**	**349**	**511**	**26**	**2,252**	
	Parks & Recreation - Unfunded:				**599**	**421**	**-**	**-**	**-**	**270**	**1,290**	
	Parks & Recreation - Contingent Proposed:				**895**	**202**	**1,205**	**4,575**	**575**	**575**	**8,027**	
	Total Parks & Recreation - All:				**1,947**	**1,108**	**1,633**	**4,924**	**1,086**	**871**	**11,569**	

Fund Legend:

001 General Fund	301 Capital Projects (Gas Tax)	401 W/S Operating	412 Drainage
106 Recreation Facilities (YMCA)	312 Transp. Impact Fee	403 W/S R&R	450 Golf Course
109 Building Special Revenue	317 General Capital	405 W/S Impact Fee	505 Lease & Replacement
			506 Building Maintenance

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 200965

PROJECT NAME	Fence, Dugout & Backstop Replacement	**Project Manager**	Susan L. Lovallo
DEPARTMENT	Parks and Recreation	**Original Plan Date**	Feb 15, 2008
LOCATION	Various Parks	**Concurrency Requirement**	N/A

Goal / Objective: Goal 2 Objective 1

DESCRIPTION/JUSTIFICATION:

The fence, dugouts and backstops on our competition athletic fields are aging and need to be replaced. The mesh on the tennis courts have been pieced together and cannot be repaired in some areas any longer and it is creating a safety issue.

Complex	FY17	FY18	FY19	FY20	FY21	FY22	Total
1. Spruce Creek Road Park							
1 Softball Field	-	-	100,000			-	100,000
2 Sets of Dugouts			-	140,000			140,000
(Lemerand Field & South Field)							-
6 Tennis Courts - Mesh Only (no poles)		-	-			-	-
2 Soccer Fields (Fencing)		100,000		-	-	-	100,000
Total:	**-**	**100,000**	**100,000**	**140,000**	**-**	**-**	**340,000**

Note: Project QPC067 was established in FY16 with a budget of $25,000 to fund the six Tennis Courts - mesh only

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	-	15,000	15,000	21,000		-	51,000
Construction		85,000	85,000	119,000			289,000
Equipment	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**-**	**100,000**	**100,000**	**140,000**	**-**	**-**	**340,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - Recreation (001)	-	-	-	-	-	-	-
General Capital Fund 317 - Funded		100,000	100,000	140,000		-	340,000
Other	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**-**	**100,000**	**100,000**	**140,000**	**-**	**-**	**340,000**

OPERATIONAL IMPACT

No additional operating costs are expected as a result of this project.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Fund (001)	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201270
QPC062

Project Name:	Causeway Dock Refurbishment	**Project Manager:**	Susan L. Lovallo
Department:	Parks and Recreation	**Original Plan Date:**	01/12/2011
Location:	Causeway Park	**Concurrency Requirement:**	

Goal / Objective: Goal 2 Objective 1

DESCRIPTION / JUSTIFICATION:

The original docks are in desperate need of upper, under and railing replacements. The docks were constructed in 1990 and are heavily used by the public. This project can be done in Phases. Phase I will be the west side of Bridge Pier (5,725 sq. ft.) and Phase II a T Pier (3,250 sq. ft.)

This is a safety issue. Hand rails are loose and splintered and cannot be repaired which can cause injuries. Stringers that boards are attached to are worn out making attaching walk boards difficult.

Currently $151,340 is budgeted for Phase I however during the exploratory portion of design divers found that many of the piling will have to be replaced which has changed the engineers estimate. Mobilization/demobilization, as built and environmental compliance will be $57,500. West pier construction is $361,875 and the T pier cost estimate is $139,950. Staff recommends that the east pier be closed till such time as funding is available to repair. The estimate to repair the east pier is $155,500. This pier could be removed and closed if needed. A 5% bond and a 10% unforeseen circumstances should be added to the budget for an additional $83,899. See attached report from DMC. FIND grants are currently being applied for.

These improvements will decrease the amount of time spent replacing boards and maintaining railings.

In FY11, $25,650 was spent on the underlayment replacement. The project number was QPC038 and the account was 315-5100-572-63-97. The main portion of the expense for this project comes from the replacement of the upper portion of the docks and the railings.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	-	-	-		-	-	-
Construction	330,942	160,943			-	-	491,885
Equipment	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**330,942**	**160,943**	**-**	**-**	**-**	**-**	**491,885**

PROPOSED SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
General Fund Reserves	-	-	-	-	-	-	-
General Capital Fund 317	130,000		-	-	-	-	130,000
Recreation Impact Fee Fund 611	-	-	-	-	-	-	-
General Capital Fund 317- Unfunded	200,942	160,943	-	-	-	-	361,885
TOTAL PROJECT REVENUE	**330,942**	**160,943**	**-**	**-**	**-**	**-**	**491,885**

OPERATIONAL IMPACT

No additional operating costs are expected as a result of this project.

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
General Fund (001)	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201373

Project Name:	Playground Resurfacing	**Project Manager:**	Susan L. Lovallo
Department:	Parks and Recreation	**Original Plan Date:**	02/1/2012
Location:	Various parks	**Concurrency Requirement:**	

Goal / Objective: Goal 2 Objective 1

DESCRIPTION / JUSTIFICATION:

Start changing out mulch surfaced playgrounds with solid rubber or play grass surfaces. This will cut down on mulch expenses and maintenance time. It will also keep a more sanitary surface and maintain the fall zones better. Estimate cost is $13 sq.ft

Also included 10% un foreseen conditions.

Phase I	Willow Run City Center Sports Complex	We currently spend $4,000 annually on playground certified mulch and 90 man hours at $15 per hour = $1,350 annually on raking fall zones and maintenance of mulch. The new surfaces have 20 year life expectancy.
Phase II	Airport Road fitness equipment 1,692sqft Southwinds Playground 3,182 sqft	
Phase III	Bushman Park Playground 1,960 sqft Airport Road Playground 5,966 sqft We are asking for this playground to be replaced in FY18	

Note: Project QPC068 was established in FY16 with budget of $80,000 to begin Phase I - to include Willow Run and City Center Sports Complex.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	-	-	-	-	-	-	-
Construction	69,699	28,028				-	97,727
Equipment		-			-	-	-
TOTAL PROJECT COSTS	**69,699**	**28,028**			**-**	**-**	**97,727**

PROPOSED SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
General Operating - Recreation 001	-	-	-	-	-	-	-
General Capital Fund 317 - Funded	69,699	28,028				-	97,727
Recreation Impact Fee Fund 611	-	-			-	-	-
Other	-	-			-	-	-
TOTAL PROJECT REVENUE	**69,699**	**28,028**	**-**	**-**	**-**	**-**	**97,727**

OPERATIONAL IMPACT

No additional operating costs are expected as a result of this annual program.

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating				-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
General Fund (001)	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201376

Project Name:	Parks Maintenance Storage	**Project Manager:**	Susan L. Lovallo
Department:	Parks and Recreation	**Original Plan Date:**	03/01/12
Location:	City Center - Alongside the Gym	**Concurrency Requirement:**	

Goal / Objective: Goal 2 Objective 1

DESCRIPTION / JUSTIFICATION:

Purchase and install a 5,000 square foot aluminum building for the purpose of equipment storage and offices at City Center next to the skate park. The current yard is only secured by a six foot chain link fence and small sheds. Much of the equipment is exposed. $18.50 per square foot = $92,500 concrete slab 6,000 sq. feet at $4.25 per square foot = 25,500, electrical/HVAC to building $25,000, $21,450 contingency (15%), 35,000 for construction inspections and management, plus permits. There is already electrical on site from the old trailer.

Item	Size	Unit Cost	Total Cost	
Aluminum Building	5,000 sq. ft.	$ 18.50	$ 92,500	Construction
Concrete Slab	6,000 sq. ft.	4.25	25,500	Construction
Electrical to Building			25,000	Construction
15% Contingency for Construction			21,450	Construction
Construction Inspections & Mgmt, Permits			35,000	Engr. & Planning
		Total Estimated Cost:	**$ 199,450**	

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	35,000	-	-	-	-	-	35,000
Construction	164,450	-	-	-	-	-	164,450
Equipment		-	-	-	-	-	-
TOTAL PROJECT COSTS	**199,450**	**-**	**-**	**-**	**-**	**-**	**199,450**

SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
General Operating - Recreation 001	-	-	-	-	-	-	-
General Capital Fund 317 - Unfunded	199,450	-	-	-	-	-	199,450
Recreation Impact Fee Fund 611	-	-	-	-	-	-	-
Unfunded	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**199,450**	**-**	**-**	**-**	**-**	**-**	**199,450**

OPERATIONAL IMPACT

May be additional cost in transfer fund for utilities.

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
General Fund (001)	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201378

Project Name:	West Side Sports Complex	**Project Manager:**	Susan L. Lovallo
Department:	Parks and Recreation	**Original Plan Date:**	03/1/2012
Location:	Well Field Property/Coraci Park	**Concurrency Requirement:**	

Goal / Objective: Goal 2 Objective 4

DESCRIPTION / JUSTIFICATION:

Design and build a sports complex to include 3 baseball fields, 4 - 6 soccer/ football fields, lights, and support buildings. Construct ponds, roadway, parking lots, playgrounds and picnic areas. Provide for some open space and trails on the property. Project would include 100 acres.

FY16 Phase I:	Needs Assessments, Master Plan and Land Acquisition
FY17 Phase II:	Engineering, planning and permits
FY18 Phase III:	Construction of roads and infrastructure and first set of amenities
FY19 Phase IV:	Construction of second set of amenities
FY20 Phase V:	Construction of third set of amenities
FY21 Phase VI:	Construction of final set of amenities

This project would be eligible for FRDAP and ECHO grants. We could also partner with other public groups like schools and other municipalities as well as private donors.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	60,000	60,000	150,000	75,000	75,000	75,000	495,000
Land Acquisition	800,000	-	0	-	-	-	800,000
Construction		-	1,000,000	500,000	500,000	500,000	2,500,000
Equipment	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**860,000**	**60,000**	**1,150,000**	**575,000**	**575,000**	**575,000**	**3,795,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - Recreation 001	-	-	-	-	-	-	-
Recreation Impact Fee Fund 611	-	-	-	-	-	-	-
Grants / Bonds	860,000	60,000	1,150,000	575,000	575,000	575,000	3,795,000
TOTAL PROJECT REVENUE	**860,000**	**60,000**	**1,150,000**	**575,000**	**575,000**	**575,000**	**3,795,000**

OPERATIONAL IMPACT

The Parks Department will need two full-time Parks employees (1 operator, 1 maintenance worker) and 1,300 hours of part-time, no benefits at $9.00 per hour. We will need additional money for agricultural supplies, equipment, uniforms, ball field maintenance, transfer fund, repair and maintenance, contract services and janitorial. We will need another 520 hours for janitorial help and the Recreation Department will need 400 hours at $9.00 per hour for part time help. Should be able to bring in $18,000 in revenue the first year.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	18,000	18,000	18,000	18,000		72,000
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	86,700	91,380	94,980	94,980		368,040
Maintenance and Other Operating	-	25,000	40,000	50,000	50,000		165,000
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**93,700**	**113,380**	**126,980**	**126,980**	**-**	**461,040**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Fund (001)	**-**	93,700	113,380	126,980	126,980	-	461,040
	-	**-**	-	-	-	-	-
Total	**-**	**93,700**	**113,380**	**126,980**	**126,980**	**-**	**461,040**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201481

PROJECT NAME:	Ball Field Lamp Replacement	**Project Manager:**	Susan L. Lovallo
DEPARTMENT:	Parks and Recreation	**Original Plan Date:**	2/26/2013
LOCATION:	City Center and Spruce Creek Road Park	**Concurrency Requirement:**	

Goal / Objective: Goal 2 Objective 1

DESCRIPTION/JUSTIFICATION:

The current lamps at these fields are approaching 20 years of age and will need to be replaced to meet current safety standards.

City Center	Material Cost	Labor Costs	Total	Priority	Schedule
Ball Fields 1, 2, 3	$ 175,000	$ 80,000	$ 255,000	1	FY19
Ball Fields 4, 5	70,000	53,000	123,000	2	FY20
2 Soccer Fields	95,000	53,000	148,000	3	FY21

Spruce Creek Road Park	Cost	Labor Costs	Total	Priority	Schedule
1 Ball Field	$ 35,000	$ 26,500	$ 61,500	2	FY20

Staff is researching paying for relamping on savings in energy costs and grants from utility companies.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	-	-	-	-	-	-	-
Construction	-	-	255,000	184,500	148,000		587,500
Equipment	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**-**	**-**	**255,000**	**184,500**	**148,000**	**-**	**587,500**

PROPOSED SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
General Fund - Recreation 001	-	-	-	-	-	-	-
General Capital Fund 317	-	-	255,000	184,500	148,000		587,500
Recreation Impact Fee Fund 611	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**-**	**-**	**255,000**	**184,500**	**148,000**	**-**	**587,500**

OPERATIONAL IMPACT

No additional operating costs are expected as a result of this project.

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
General Fund - (001)	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201582

Project Name:	Gym Floor Replacement	**Project Manager:**	Susan L. Lovallo
Department:	Parks & Recreation	**Original Plan Date:**	03/7/2014
Location:	Gym	**Concurrency Requirement:**	

Goal / Objective: Goal 2 Objective 1

DESCRIPTION / JUSTIFICATION:

The rubber court in Court 1 is fifteen plus years old and has a twenty year lifespan. The court is starting to split in areas and will need to be replaced. The floor is 6,200 sq. ft. The estimate to install subfloor, select maple flooring, sand and finish is $93,000 per a recent quote. Cost is quoted at $15.00 a square ft. Since this is a remodel, an additional 10% for unforeseen circumstances ($8,060.00) should be included. The total estimated projected cost is $102,300.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	-	-	-	-	-	-	-
Construction	102,300	-			-	-	102,300
Equipment		-		-	-	-	-
TOTAL PROJECT COSTS	**102,300**	**-**		**-**	**-**	**-**	**102,300**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - Recreation 001	-	-	-	-	-	-	-
Recreation Impact Fee Fund 611	-	-	-	-	-	-	-
General Capital Fund 317	102,300	-			-	-	-
Other		-		-	-	-	-
TOTAL PROJECT REVENUE	**102,300**	**-**	**-**	**-**	**-**	**-**	**102,300**

OPERATIONAL IMPACT

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Fund (001)	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201686

Project Name:	Gym Renovations / Repurpose	**Project Manager:**	Susan L. Lovallo
Department:	Parks & Recreation	**Original Plan Date:**	02/01/15
Location:	Port Orange Gym	**Concurrency Requirement:**	

Goal / Objective: Goal 2 Objective 1

DESCRIPTION / JUSTIFICATION:

The Gym building is occupied mostly by Parks and Recreation administrative offices. The amount of interest in the gym for programs, classes, clubs, after school programs and community meeting space is growing. It is recommended that the building be repurposed as a community center and relocate the admin staff. The remodel would include ADA access to the second floor for a dance/ exercise room. Restrooms would also be added to the second floor. The first floor would have renovated restrooms, a youth activity room and meeting space.

Estimate provided by the Facility Manager is:

Engineering	$ 30,000
Construction	350,000
Inspections	30,000
Contingency	35,000
Total Renovation:	**$ 445,000**

This project could be phased

$ 30,000	Phase I: Engineering and permit costs
270,000	Phase II: Structural, elevator, sheet rock (rough in)
145,000	Phase III: Carpet, wall finishing, electrical (trim out)
$ 445,000	

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	-	-	-	-	30,000		30,000
Construction	-				-	270,000	270,000
Equipment	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**-**	**-**	**-**	**-**	**30,000**	**270,000**	**300,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - Recreation 001	-	-	-	-	-	-	-
General Capital Fund 317 - Funded	-	-	-	-	30,000		30,000
General Capital Fund 317 - Unfunded	-				-	270,000	270,000
Other	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**-**	**-**	**-**	**-**	**30,000**	**270,000**	**300,000**

OPERATIONAL IMPACT

No additional operating costs are projected with this project.
Would need to create one center supervisor position to handle coverage for seven days a week 12 hours a day. In addition an operating budget would need to be established for programs and operations. Most of which is already budgeted. Add $6000 to program operations
Current revenues are $76,000

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-						
Other Revenues	-						
Less Additional Expenditures							
New Personnel	-						
Maintenance and Other Operating	-						
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Fund (001)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201687

Project Name:	Facility Painting & HVAC Replacement	**Project Manager:**	Susan L. Lovallo
Department:	Parks & Recreation	**Original Plan Date:**	
Location:	Lakeside Community Center	**Concurrency Requirement:**	

Goal / Objective: Goal 2 Objective 1

DESCRIPTION / JUSTIFICATION:

Per the recommendations of the Facility Manager, the HVAC system will need to be removed and replaced. This is based off a mechanical engineer's recommendations after he evaluated the system. This project will require engineering, inspections and bid documents. Prices are based on a recent quote and 10% was added for contingency.

Engineering & permits:	10,945	
HVAC estimate:	43,010	
	$ 53,955	**Total**

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	10,945		-	-	-	-	10,945
Construction	43,010		-	-	-	-	43,010
Equipment	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**53,955**	**-**	**-**	**-**	**-**	**-**	**53,955**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - Recreation 001	-	-	-	-	-	-	-
Recreation Impact Fee Fund 611	-	-	-	-	-	-	-
General Capital Fund 317 - Funded	53,955		-	-	-	-	53,955
Other	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**53,955**	**-**	**-**	**-**	**-**	**-**	**53,955**

OPERATIONAL IMPACT

No additional operating costs are projected with this project.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Fund (001)	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201688

Project Name:	Renovate South Baseball Field	**Project Manager:**	Susan L. Lovallo
Department:	Parks & Recreation	**Original Plan Date:**	03/10/15
Location:	Spruce Creek Road Park	**Concurrency Requirement:**	

Goal / Objective: Goal 2 Objective 1

DESCRIPTION / JUSTIFICATION:

Renovate the South Field from a softball field to an Under 13 Baseball Field. Install a grass infield, replace fence and backstops, and replace scoreboard and relamp lights. Prices are based on alternate portion of bid from the Gale Lemerand Field.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	-	-	-	-	-	-	-
Construction	-	-	-	-	220,000		220,000
Equipment	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**-**	**-**	**-**	**-**	**220,000**	**-**	**220,000**

PROPOSED SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
General Operating - Recreation 001	-	-	-	-	-	-	-
Recreation Impact Fee Fund 611	-	-	-	-	-	-	-
General Capital Fund 317 - Funded	-	-	-	-	220,000		220,000
Other	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**-**	**-**	**-**	**-**	**220,000**	**-**	**220,000**

OPERATIONAL IMPACT

No additional operating costs are projected with this project.

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
General Fund (001)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201689

Project Name:	Gymnasium Painting	**Project Manager:**	Susan L. Lovallo
Department:	Parks & Recreation	**Original Plan Date:**	03/16/15
Location:	Port Orange Gym	**Concurrency Requirement:**	

Goal / Objective: Goal 2 Objective 1

DESCRIPTION / JUSTIFICATION:

The facility manager has determined, through routine inspections, that the gymnasium exterior is in need of paint and major gutter repairs. Recent quotes were obtained in order to provide the projected costs below. The project will include the cleaning, sealing and refinishing of the exterior of building, repairing the stucco bands and re-working the gutters and down spouts.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Planning and Unforeseen Conditions	-	3,000		-	-	-	3,000
Construction	-	32,800		-	-	-	32,800
Equipment		-	-	-	-	-	-
TOTAL PROJECT COSTS	**-**	**35,800**	**-**	**-**	**-**	**-**	**35,800**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - Recreation 001	-	-	-	-	-	-	-
Recreation Impact Fee Fund 611	-	-	-	-	-	-	-
General Capital Fund 317 - Funded	-	35,800		-	-	-	35,800
Other	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**-**	**35,800**	**-**	**-**	**-**	**-**	**35,800**

OPERATIONAL IMPACT

No additional operating costs are projected with this project.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Fund (001)	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201691

Project Name:	Spruce Creek Canoe/Kayak Launch	**Project Manager:**	Susan Lovallo
Department:	Parks and Recreation	**Original Plan Date:**	04/07/15
Location:	Spruce Creek Road	**Concurrency Requirement:**	

Goal / Objective: Goal 2 Objective 2

DESCRIPTION / JUSTIFICATION:

Design and build a canoe/kayak launch and parking facilities at the end of Spruce Creek Road. Project will consist of a zero entry launch, grass parking area with trash cans, picnic tables and signage.

Design fee $18,000
Construction and permits $180,000

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	18,000	-	-	-	-	-	18,000
Construction	180,000	-	-	-	-	-	180,000
Equipment	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**198,000**	**-**	**-**	**-**	**-**	**-**	**198,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - Recreation 001	-	-	-	-	-	-	-
Recreation Impact Fee Fund 611	-	-	-	-	-	-	-
General Capital Fund 317 - Unfunded	198,000	-	-	-	-	-	198,000
Other	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**198,000**	**-**	**-**	**-**	**-**	**-**	**198,000**

OPERATIONAL IMPACT

Will need to rent a port a let @ $45 a month for one unit total cost $540.00

Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	540	540	540	540	540		2,700
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**540**	**540**	**540**	**540**	**540**	**-**	**2,700**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Fund (001)	540	540	540	540	540		2,700
	-	-	-	-	-	-	-
Total	**540**	**540**	**540**	**540**	**540**	**-**	**2,700**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201792

Project Name:	Restroom/ Concession Facility	**Project Manager:**	Susan L. Lovallo
Department:	Parks & Recreation	**Original Plan Date:**	03/04/16
Location:	City Center Fields 4&5 & Soccer Fields	**Concurrency Requirement:**	no

Goal / Objective: **Goal 2 Objective 01**

DESCRIPTION / JUSTIFICATION:

Design build a restroom concession stand in between Ball Fields 4 & 5 and Soccer Fields at City Center. Building would consist of split faced block metal roof to match the Gym. The facility would include four handicapped accessible restrooms(2 men 2 women) and a small concession area. This could be a pre fab restroom.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	-	35,000	-	-	-	-	35,000
Construction	-	225,000	-	-	-	-	225,000
Equipment	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**-**	**260,000**	**-**	**-**	**-**	**-**	**260,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - Recreation 001	-	-	-	-	-	-	-
Recreation Impact Fee Fund 611	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
Unfunded	-	260,000	-	-	-	-	260,000
TOTAL PROJECT REVENUE	**-**	**260,000**	**-**	**-**	**-**	**-**	**260,000**

OPERATIONAL IMPACT

No additional operating costs are projected with this project.

NONE

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Fund (001)	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201794

Project Name:	Playground Replacement	**Project Manager:**	Susan L. Lovallo
Department:	Parks & Recreation	**Original Plan Date:**	03/04/16
Location:	Spruce Creek Road and Airport Road	**Concurrency Requirement:**	No

Goal / Objective: **Goal 2 Objective 01**

DESCRIPTION / JUSTIFICATION:

The small playground at Spruce Creek Road Park (SCRP) near the ball fields is original to the park and has met its life expectancy (20+yrs). Purchase and install a small playground for ages 5-12 with play grass surfacing. The small playground at SCRP is 2,000 sq. ft. The playground at Airport Road is 16 years old and in need of replacement. The playground is 5,966 sq. feet. ECHO grant funding is available for both of these projects. FY 17 replace SCRP playground and FY18 replace Airport Road playground.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	15,000	35,000	-	-	-	-	50,000
Construction	55,000	250,000	-	-	-	-	305,000
Equipment	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**70,000**	**285,000**	**-**	**-**	**-**	**-**	**355,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - Recreation 001	-	-	-	-	-	-	-
Recreation Impact Fee Fund 611	-	-	-	-	-	-	-
General Capital Fund 317	35,000	142,500	-	-	-	-	177,500
ECHO Grant	35,000	142,500	-	-	-	-	177,500
TOTAL PROJECT REVENUE	**70,000**	**285,000**	**-**	**-**	**-**	**-**	**355,000**

OPERATIONAL IMPACT

No additional operating costs are projected with this project.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Fund (001)	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201795

Project Name:	Westside Community Center	**Project Manager:**	Susan L. Lovallo
Department:	Parks & Recreation	**Original Plan Date:**	03/04/16
Location:	Airport Road Park	**Concurrency Requirement:**	NO

Goal / Objective: **Goal 2 Objective 01**

DESCRIPTION / JUSTIFICATION:

US Census shows that the majority of children in our community live in the Westside section of town. Construct a 15,000 sq. ft community center to include two gyms, community rooms, afterschool areas and offices. Building would also have to equipped with technology, office furniture, misc. equipment etc. Proposed funding through Grants, Bond or possibly Community Foundation.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	-	-	55,000	-	-	-	55,000
Construction	-	-	-	4,000,000	-	-	4,000,000
Equipment	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**-**	**-**	**55,000**	**4,000,000**	**-**	**-**	**4,055,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - Recreation 001	-	-	-	-	-	-	-
Recreation Impact Fee Fund 611	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
Grants / Bonds	-	-	55,000	4,000,000	-	-	4,055,000
TOTAL PROJECT REVENUE	**-**	**-**	**55,000**	**4,000,000**	**-**	**-**	**4,055,000**

OPERATIONAL IMPACT

No additional operating costs are projected with this project.
Require 1 FT Center Supervisor, 1 Ft Program Coordinator, 1 FT program Specialist and 50 hours per week Part time.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Fund (001)	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

LEASE AND REPLACEMENT FUND
FLEET REPLACEMENT SCHEDULE - Parks and Recreation

VEH #	MAKE	DESCRIPTION	YEAR	FY17	FY18	FY19	FY20	FY21	FY22
4400 PARKS DEPARTMENT									
1567	GMC	JIMMY SUV	2001		23,000				
1602	FORD	RANGER PICKUP	2002		23,000				
1668	FORD	RANGER PICKUP	2004	23,000					
1702	CHEVY	SILVERADO 1500 PICKUP 4X4	2005	22,000					
1737	FORD	F250 UTILITY	2005		40,000				
1760	FORD	E150 PASSENGER VAN	2006		30,000				
1771	CHEVY	SILVERADO 1500 PICKUP 4X4	2006		22,000				
1815	CHEVY	C2500 UTILITY	2008		28,000				
1863	CHEVY	C2500 UTILITY	2011					28,000	
2009	CHEVY	2500HD UTILITY	2013						
2013	CHEVY	2500HD UTILITY	2013						
2036	FORD	TRANSIT CARGO VAN	2013						
2038	Chevy	2500HD Utility	2014						
2042	Chevy	2500HD UTILITY	2014						
2053	Chevy	Silverado 1500 Pickup	2015						
2059	Ford	Escape SUV	2015						
5791	TRIPLE CRO\	EQUIPMENT TRAILER	1997	8,000					
5839	TRIPLE CRO\	EQUIPMENT TRAILER	1992	8,000					
6221	MASSEY	240 TRACTOR/LOADER	1999			35,000			
8327	CHEROKEE	6X16 EQUIPMENT TRAILER	2005						
8354	TRIPLE CRO\	EQUIPMENT TRAILER	2005						
8608	JOHN DEERE	GATOR 4X4	2006		12,000				
9066	JOHN DEERE	GATOR ATV	2009			8,000			
9067	JOHN DEERE	2653A GROUNDS MOWER	2009			30,000			
9090	JOHN DEERE	GATOR ATV	2010				8,000		
9091	JOHN DEERE	925 Z TRAK MOWER	2010				8,000		
9118	JOHN DEERE	997 Z TRAK MOWER					8,000		
9216	JOHN DEERE	997 Z TRAK MOWER	2011					17,000	
9308	JOHN DEERE	1200A FIELD RAKE	2012						13,000
9309	JOHN DEERE	1200A FIELD RAKE	2012						13,000
9403	JOHN DEERE	GATOR ATV	2013						
9404	JOHN DEERE	GATOR ATV	2013						
9407	JOHN DEERE	1200A FIELD RAKE	2013						
9525	JOHN DEERE	1445 W/FLAIL MOWER	2014					17,000	
9534	JOHN DEERE	997 Z TRAK MOWER	2014					17,000	
9535	JOHN DEERE	997 Z TRAK MOWER	2014					17,000	
9537	JOHN DEERE	997 Z TRAK MOWER	2014					17,000	
9561	JOHN DEERE	2653B Turf Mower	2015						
9601	JOHN DEERE	Gator ATV	2015						
9606	Toro	Aerator 687 Attachment	2015						
9605	Toro	ProPass 200 Top Dresser with Twin Spinner (Tow Behind Attachment)	2015						
9611	John Deere	5065E Tractor (to pull above 2 attachments)	2015						
20??	FORD	F450 DUMP TRUCK	2016						
9794	JOHN DEERE	GATOR ATV	2016						
9795	JOHN DEERE	GATOR ATV	2016						
9793	TORO	3505D GROUNDS MOWER	2016						
9800	CATERPILLEI	416F BACKHOE LOADER	2016						
20??	Ford	Transit Cargo Van	2016						
20??	Ford	F-450 DUMP							
9792	Big Tex	8x16 Utility Trailer	2016						
9796	John Deere	Gator ATV	2016						
NEW VEHICLES & EQUIPMENT FOR RIVERWALK PARK									
NEW	FORD	F250 UTILITY TRUCK (to be purchased out of 001-4400 in FY17)	2017	28,000					
NEW	FORD	F150 PICKUP TRUCK (to be purchased out of 001-4400 in FY17)	2017	21,000					
NEW	JOHN DEERE	GATOR (to be purchased out of 001-4400 in FY17)	2017	7,500					
		TOTAL - Parks and Recreation		**117,500**	**178,000**	**73,000**	**24,000**	**113,000**	**26,000**
Less: Vehicles/Equip. Purchased out of Parks Maintenance:				(56,500)	-				
		Grand Total:		**61,000**	**178,000**	**73,000**	**24,000**	**113,000**	**26,000**

Operational Impact: No additional operating costs are expected from this routine replacement of fleet vehicles.

Police Services

FY17 – FY22 CIP Request

Draft 2

06/14/16

Summary by Department and Funding Status

(in thousands)

#	Project	Department	Funding Status	Funding Source	FY17	FY18	FY19	FY20	FY21	FY22	Total	Pg. #
Police												
201434	Project-25 FCC Police Radio Compatibility & Rplcmnt	Police	Funded	505	401	401	-	-	-	-	802	95
200831	Public Safety Training Facility	Police	Funded	607	435	-	-	-	-	-	435	96
Fleet	Veh Rplcmnt - Police	Police	Funded	505	588	532	371	686	309	311	2,797	97-99
	Total Police - All:				**1,424**	**933**	**371**	**686**	**309**	**311**	**4,034**	
	Police - Funded:				**1,424**	**933**	**371**	**686**	**309**	**311**	**4,034**	
	Police - Unfunded:				**-**	**-**	**-**	**-**	**-**	**-**	**-**	
	Police - Contingent Proposed:				**-**	**-**	**-**	**-**	**-**	**-**	**-**	
	Total Police - All:				**1,424**	**933**	**371**	**686**	**309**	**311**	**4,034**	

Fund Legend:

001 General Fund	301 Capital Projects (Gas Tax)	401 W/S Operating	412 Drainage
106 Recreation Facilities (YMCA)	312 Transp. Impact Fee	403 W/S R&R	450 Golf Course
109 Building Special Revenue	317 General Capital	405 W/S Impact Fee	505 Lease & Replacement
			506 Building Maintenance

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201434

Project Name:	Project-25 FCC Police Radio Compatibility & Replacement	**Project Manager:**	Thomas Grimaldi
Department:	Police Department	**Original Plan Date:**	02/27/13
Location:	4545 Clyde Morris Blvd.	**Concurrency Requirement:**	

Goal / Objective: Goal 5 Objectives 1, 2 and 4

DESCRIPTION / JUSTIFICATION:

Re: Project-25 Implementation

All Public Safety agencies must convert all police communications equipment (portable and mobile radios) re: the FCC mandated rule change by 2017 (estimate from FCC). This FCC requirement will allow upgraded emergency radios interoperability between public safety agencies and emergency communications devices. Currently we have 160 combined portable and mobile radios within the police department that are not compatible with this FCC mandated upgrade. Said radios will require replacement and include mobile control units, antennas, chargers, microphones, batteries, etc. Communications International inspected 128 additional assigned POPD P7100 portable radios and they were found to be compatible with the required project upgrade.

Radio Type	Qty	Cost to Replace	Total Cost
P-25 Mobile (cars)	104	$ 4,800	$ 499,200
P-25 Portable	56	$ 3,400	190,400
Software Costs	160	$ 567	90,720
			$ 780,320

$ 780,320	Estimated replacement cost.
20,000	Contingency for any price increase.
-	
$ 800,320	

Based on the above information, the estimated cost for this project is $689,600 to replace/purchase 160 P-25 compatible portable and mobile radios by the FCC target date, estimated for year 2017. The 128 Jaguar P-7100 newer radios are P-25 compatible and will not need to be replaced.

There is an additional software cost of $567 per radio required for this FCC P-25 upgrade. The cost for said software for POPD radios is estimated at $90,720. (160 radios X $567 per radio).

Also please note that the software upgrade is being completed on the 128 compatible radios in FY15 because the vendor ran a special promotion waiving the $567 fee in lieu of a $34 installation charge. This saved the City approximately $68K.

This project must be completed by March 2018 so we are phasing it in over FY17 and FY18.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	-	-	-	-	-	-	-
Equipment	400,160	400,160		-	-	-	800,320
TOTAL PROJECT COSTS	**$ 400,160**	**$ 400,160**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 800,320**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - Police (001)	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Lease & Replacement Fund 505	400,160	400,160		-	-	-	800,320
Other	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**$ 400,160**	**$ 400,160**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 800,320**

OPERATIONAL IMPACT

Replacement of existing equipment due to age and condition. Routine maintenance is currently programmed within the department's operating budget. No additional operating costs are anticipated.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Fund (001)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 200831

Project Name:	Public Safety Training Facility	**Project Manager:**	Thomas Grimaldi
Department:	Police	**Original Plan Date:**	February 21, 2007
Location:	Wellfield Property	**Concurrency Requirement:**	N/A

DESCRIPTION/JUSTIFICATION:

This project calls for the construction of a new Public Safety Training Facility on the west side of the City near the City's wellfield property. The Police Department lost the use of its shooting range in November 2006 as it had to be destroyed due to a city approved Cambridge Retention Basin Project. The Police Department is currently under contractual agreement with the city of New Smyrna Beach to utilize their shooting range, as scheduling permits, for State mandated qualifications, in service training, new candidate physical agility testing and our Emergency Response Team's bi-monthly training.

This will be a fully operation training facility. Scope of work to include site work, electrical and plumbing. Possible options would include This facility will include a standard PPC Course, Rifle Range, Shoot House, EVOC Training area, K-9 training area, Classroom, storage, and several smaller shooting bays. Cost of this project is now estimated at $1.5 million, so additioinal funding is needed.

In FY13, this project was estimated at a cost of $1,100,000 and was funded from the 2006 General Obligation Bond proceeds, Fund 314. A purchase order was issued to Zev Cohen for some initial design work back in FY13 and we currently have $1,064,900 of available budget in FY16 for the rest of this project. As of April 2016, the total estimated cost of the project is $1,500,000 so additional funds in the amount of $435,100 are needed which can be funded from the 607 Police Forfeiture Trust fund. There is also the possibility of some external funding sources but nothing has been finalized at this time.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	-	-	-	-	-	-	-
Construction	435,100	-	-	-	-	-	435,100
Equipment	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**435,100**	**-**	**-**	**-**	**-**	**-**	**435,100**

SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - Police (001)	-	-	-	-	-	-	-
2006 GO Bond Proceeds		-	-	-	-	-	-
Police Forfeiture Fund 607	435,100	-	-	-	-	-	435,100
Other External Funds	-						-
TOTAL PROJECT REVENUE	**435,100**	**-**	**-**	**-**	**-**	**-**	**435,100**

OPERATIONAL IMPACT

This was originally a replacement facility and the cost for maintenance was assumed into existing budgets and personnel. However, due to the time lapse in the project a new evaluation needs to be conducted. This training facility will required lawn and building maintenance. A request has been submitted to Public Works to determine an estimated cost. The timeline for construction is about eighteen months out, so the budget impact would be for FY18.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Fund (001)	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

LEASE AND REPLACEMENT FUND
FLEET REPLACEMENT SCHEDULE - Police

VEH #	MAKE	DESCRIPTION	YEAR	FY17	FY18	FY19	FY20	FY21	FY22
3200 POLICE DEPARTMENT									
1553	CHEVY	EXPRESS EVIDENCE VAN	2000		35,000				
1689	FORD	E150 PAL VAN	2006	35,000					
1701	CHEVY	SILVERADO 1500 PICKUP	2005		20,000				
1724	CHEVY	IMPALA DETECTIVE	2005		23,000				
1725	NISSAN	CONFISCATED DETECTIVE	2005		23,000				
1757	FORD	E350 ERT VAN	2006					30,000	
1770	CHEVY	IMPALA PATROL 52	2006	31,500					
1789	CHEVY	IMPALA DETECTIVE	2007		23,000				
1790	CHEVY	IMPALA DETECTIVE	2007		23,000				
1808	CHEVY	IMPALA PATROL 62	2008		31,500				
1811	CHEVY	IMPALA PATROL 50	2008	31,500					
1821	CHEVY	COLORADO PICKUP PIO	2009			18,500			
1824	HARLEY - Spare	FLHP MOTORCYCLE	2009	33,000					
1826	CHEVY	IMPALA PATROL 27	2009	31,500					
1828	CHEVY	SERGEANT 56	2009	31,500					
1830	CHEVY	IMPALA PATROL 16	2009	31,500					
1831	CHEVY	IMPALA PATROL 14	2009					32,000	
1835	NISSAN	ALTIMA DETECTIVE	2005		23,000				
1839	HARLEY	FLHP MOTORCYCLE	2010	33,000					
1840	CHEVY	IMPALA PATROL 1	2010	31,500					
1841	CHEVY	IMPALA PATROL 4	2010	31,500					
1842	CHEVY	IMPALA PATROL 7	2010	31,500					
1843	CHEVY	IMPALA PATROL 18	2010	31,500					
1844	CHEVY	IMPSLA PATROL 25	2010	31,500					
1845	CHEVY	IMPALA PATROL 26	2010	31,500					
1846	CHEVY	IMPALA PATROL 30	2010	31,500					
1847	CHEVY	IMPALA PATROL 31	2010	31,500					
1849	CHEVY	IMPALA PATROL 38	2010	31,500					
1850	CHEVY	IMPALA DETECTIVE	2010				22,000		
1851	CHEVY	IMPALA DETECTIVE	2010				22,000		
1852	FORD	FUSION V1	2010				22,000		
1853	FORD	FUSION V2	2010				22,000		
1854	FORD	FUSION V3	2010				22,000		
1855	FORD	FUSION V4	2010				22,000		
1856	FORD	FUSION V5	2010				22,000		
1861	CHEVY	IMPALA DETECTIVE	2011					23,000	
1862	CHEVY	IMPALA TRAFFIC	2011					22,000	
1864	CHEVY	TAHOE SERGEANT 58	2011		37,500			-	
1865	CHEVY	TAHOE SERGEANT 59	2011					40,000	
1871	CHEVY	COLORADO PICKUP CSO	2012						21,000
1874	CHEVY	IMPALA PATROL 2	2012		32,000				
1875	CHEVY	IMPALA PATROL 3	2012		32,000				
1877	CHEVY	IMPALA PATROL 6	2012		32,000				
1878	CHEVY	IMPALA PATROL 9	2012		32,000				
1879	CHEVY	IMPALA PATROL 19	2012		32,000				
1880	CHEVY	IMPALA PATROL 32	2012		32,000				
1881	CHEVY	IMPALA PATROL 34	2012		32,000				
1882	CHEVY	IMPALA PATROL 37	2012		32,000				
1887	CHEVY	CAPRICE PATROL 8	2012			32,000			
1888	CHEVY	CAPRICE PATROL 10	2012			32,000			
1889	CHEVY	CAPRICE PATROL 13	2012			32,000			
1890	CHEVY	CAPRICE PATROL 15	2012			32,000			
1891	CHEVY	CAPRICE PATROL 35	2012			32,000			
1892	CHEVY	CAPRICE PATROL 36	2012			32,000			
1893	CHEVY	CAPRICE PATROL 53	2012			32,000			
1894	CHEVY	CAPRICE PATROL 54	2012			32,000			
1895	CHEVY	CAPRICE PATROL 55	2012			32,000			

LEASE AND REPLACEMENT FUND
FLEET REPLACEMENT SCHEDULE - Police

VEH #	MAKE	DESCRIPTION	YEAR	FY17	FY18	FY19	FY20	FY21	FY22
3200 POLICE DEPARTMENT									
1896	CHEVY	CAPRICE PATROL 57	2012			32,000			
2001	FORD	F150 PICKUP	2002						
2003	CHEVY	MALIBU DETECTIVE	2013						
2004	CHEVY	MALIBU DETECTIVE	2013						
2011	NISSAN	ALTIMA DETECTIVE	2013						
2015	NISSAN	ALTIMA DETECTIVE	2013						
2020	FORD	FUSION DETECTIVE	2013						
2021	FORD	FUSION DETECTIVE	2013						
2022	FORD	TAURUS ASST. CHIEF	2014						
2023	FORD	TAURUS CHIEF	2014						
2024	CHEVY	CAPRICE PATROL 12	2013				32,000		
2025	CHEVY	CAPRICE PATROL 17	2013				32,000		
2026	CHEVY	CAPRICE PATROL 20	2013				32,000		
2027	CHEVY	CAPRICE PATROL 39	2013				32,000		
2028	CHEVY	CAPRICE PATROL 23	2013				32,000		
2029	CHEVY	CAPRICE PATROL 21	2013				32,000		
2030	CHEVY	2500HD ACO TRUCK	2013				32,000		
2031	CHEVY	CAPRICE PATROL K9 40	2013				32,000		
2032	CHEVY	CAPRICE PATROL 60	2013				32,000		
2033	CHEVY	CAPRICE PATROL 61	2013				32,000		
2034	CHEVY	CAPRICE PATROL K9 11	2013				32,000		
2040	CHEVY	CAPTIVA SUV	2013						
2041	CHEVY	CAPTIVA SUV	2013						
2046	FORD	INTERCEPTOR UTILITY 45	2014					39,000	
2047	FORD	INTERCEPTOR UTILITY 63	2014					39,000	
2048	CHEVY	2500HD ACO TRUCK	2013						
2050	FORD	INTERCEPTOR SEDAN 5	2014					32,000	
2051	FORD	INTERCEPTOR SEDAN 64	2014					32,000	
2060	FORD	INTERCEPTOR SEDAN 24	2015						33,000
2061	FORD	INTERCEPTOR SEDAN 41	2015						33,000
2062	FORD	INTERCEPTOR SEDAN 42	2015						33,000
2063	FORD	INTERCEPTOR SEDAN 43	2015						33,000
2064	FORD	INTERCEPTOR SEDAN 46	2015						33,000
2065	FORD	INTERCEPTOR SEDAN 48	2015						33,000
2066	FORD	INTERCEPTOR SEDAN 49	2015						33,000
2067	FORD	INTERCEPTOR SEDAN 65	2015						33,000
2073	FORD	TAURUS DETECTIVE	2015						
2074	FORD	TAURUS DETECTIVE	2015						
2085	VICTORY	COMMANDER I MOTORCYCLE	2015				24,000		
2086	VICTORY	COMMANDER I MOTORCYCLE	2015				24,000		
2087	VICTORY	COMMANDER I MOTORCYCLE	2015				24,000		
2088	VICTORY	COMMANDER I MOTORCYCLE	2015				24,000		
2089	VICTORY	COMMANDER I MOTORCYCLE	2015				24,000		
2092	DODGE	CONFISCATED VEHICLE	2003				24,000		
2102	FORD	F150 EXTENDED CAB PICKUP	2016						
2104	FORD	INTERCEPTOR SEDAN 22	2016						
2105	FORD	INTERCEPTOR SEDAN 33	2016						
2112	FORD	INTERCEPTOR SEDAN 28	2016						
2113	FORD	INTERCEPTOR SEDAN 29	2016						
2114	FORD	INTERCEPTOR SEDAN 51	2016						
2115	FORD	INTERCEPTOR SEDAN 47	2016						
2116	FORD	INTERCEPTOR SEDAN 66	2016						
2117	FORD	INTERCEPTOR SEDAN 44	2016						
21??	FORD	INTERCEPTOR UNMARKED	2016						
21??	FORD	INTERCEPTOR SUV K-9	2016						
21??	FORD	F150 EXTENDED CAB PICKUP	2016						
New		To be purchased from 001-3200-	2018		33,750				
New		521-64-00 for 4 new officer	2018		33,750				
New		positions	2018		33,750				
New			2018		33,750				

LEASE AND REPLACEMENT FUND
FLEET REPLACEMENT SCHEDULE - Police

VEH #	MAKE	DESCRIPTION	YEAR	FY17	FY18	FY19	FY20	FY21	FY22
3200 POLICE DEPARTMENT									
		CI TRANSFER OF RADAR & RADIO (CI = Communications International)		14,000	14,000	10,000	11,000	6,000	8,000
		Upgrade of Patrol vehicles from sedan to SUV - $2,250/ea.		31,500	22,500	22,500	24,750	13,500	18,000
		Less: Vehicles/Equip. purchased out of Police		-	(135,000)	-	-	-	-
		GRAND TOTAL - Police		**587,500**	**531,500**	**371,000**	**685,750**	**308,500**	**311,000**

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Public Utilities

FY17 – FY22 CIP Request

Draft 2

06/14/16

City of Port Orange, Florida
Capital Improvement Program (CIP) FY17 - FY22
Summary by Department and Funding Status
(in thousands)

Public Utilities

#	Project	Department	Funding Status	Funding Source	FY17	FY18	FY19	FY20	FY21	FY22	Total	Pg. #
028812	Water Supply Wells	Public Utilities	Funded	403	50	50	50	50	50	50	300	103
029073	Water Reuse Program	Public Utilities	Contingent Proposed	Grants / Bonds	-	-	150	3,000	-	-	3,150	104
029408	Water System Replacements A through E	Public Utilities	Funded	401	325	-	400	370	450	650	2,195	105-109
	Water System Replacements A through E	Public Utilities	Funded	403	300	-	50	155	300	500	1,305	
	Water System Replacements A through E	Public Utilities	Funded	405 (Water Impact)	375	-	150	175	250	250	1,200	
029409	Water System Extensions / Upsizing A through C	Public Utilities	Funded	405 (Water Impact)	50	50	50	50	50	450	700	110-111
038710	City Cost Participation Project	Public Utilities	Funded	405 (Water Impact)	50	50	50	50	50	50	300	112
	City Cost Participation Project	Public Utilities	Funded	405 (Sewer Impact)	50	50	50	50	50	50	300	
038825	Telemetry Instrument / Control System A through B	Public Utilities	Funded	403	200	190	190	200	190	190	1,160	113-114
038955	Utilities Mapping	Public Utilities	Funded	401	100	100	100	100	100	100	600	115
038964	Reclaimed Water Plant Renovations / Replacements A through O	Public Utilities	Funded	403	705	920	400	310	820	40	3,195	116-129
	Reclaimed Water Plant Renovations / Replacements A through O	Public Utilities	Contingent Proposed	SRF	-	-	6,000		-	-	6,000	
039493	Potable Water Plant Renovations / Replacements B through H	Public Utilities	Funded	403	430	200	350	350	295	500	2,125	130-136
048922	Replace Existing Lift Stations	Public Utilities	Funded	401	180	180	180	180	180	180	1,080	137
	Replace Existing Lift Stations	Public Utilities	Funded	403	180	180	180	180	180	180	1,080	
049467	Sewer System Rehabilitation A through F	Public Utilities	Funded	401	1,000	1,000	1,000	1,000	1,000	1,000	6,000	138-143
200304	Utility Coordination and Relocation	Public Utilities	Funded	401	25	25	25	25	25	25	150	144
200546	Meter Replacement Program A through B	Public Utilities	Funded	401	973	923	923	266	150	150	3,385	145-146
201051	Taylor Road Improvements	Public Utilities	Funded	403	-	-	-	-	-	800	800	147
	Taylor Road Improvements	Public Utilities	Funded	405 (Water Impact)	-	-	-	-	-	400	400	
	Taylor Road Improvements	Public Utilities	Funded	405 (Sewer Impact)	-	-	-	-	-	400	400	
038966	Wastewater Treatment Plant Cleaning	Public Utilities	Funded	401	-	-	-	200	-	200	400	148
	Wastewater Treatment Plant Cleaning	Public Utilities	Funded	403	-	-		80		80	160	
201653	Riverwalk Utilities	Public Utilities	Funded	405 (Sewer Impact)	-	-	225	-	-	-	225	149
			Public Utilities Project Totals:		**4,993**	**3,918**	**10,523**	**6,791**	**4,140**	**6,245**	**36,610**	
Fleet	Veh Rplcmnt - Water Prod	Public Utilities	Funded	505	-	-	-	-	80	-	80	150-151
Fleet	Veh Rplcmnt - Wastewater	Public Utilities	Funded	505	113	-	-	-	-	-	113	
Fleet	Veh Rplcmnt - Meter Readers	Public Utilities	Funded	505	20	22	48	-	18	-	108	
Fleet	Veh Rplcmnt - W/S Maint.	Public Utilities	Funded	505	-	20	-	40	-	-	60	
Fleet	Veh Rplcmnt - Water Dist	Public Utilities	Funded	505	20	-	-	150	-	18	188	
Fleet	Veh Rplcmnt - W/S Lab Ops	Public Utilities	Funded	505	-	-	-	-	-	-	-	
Fleet	Veh Rplcmnt - W/S Admin.	Public Utilities	Funded	505	-	-	-	-	-	18	18	
Fleet	Veh Rplc - W/S Warehouse	Public Utilities	Funded	505	-	-	-	-	-	-	-	
			Public Utilities Vehicle Totals:		**153**	**42**	**48**	**190**	**98**	**36**	**567**	
	Total Public Utilities - All:				**5,146**	**3,960**	**10,571**	**6,981**	**4,238**	**6,281**	**37,177**	
	Public Utilities - Funded:				**5,146**	**3,960**	**4,421**	**3,981**	**4,238**	**6,281**	**28,027**	
	Public Utilities - Unfunded:				**-**	**-**	**-**	**-**	**-**	**-**	**-**	
	Public Utilities - Contingent Proposed:				**-**	**-**	**6,150**	**3,000**	**-**	**-**	**9,150**	
	Total Public Utilities - All:				**5,146**	**3,960**	**10,571**	**6,981**	**4,238**	**6,281**	**37,177**	

Fund Legend:

001 General Fund	301 Capital Projects (Gas Tax)	401 W/S Operating	412 Drainage
106 Recreation Facilities (YMCA)	312 Transp. Impact Fee	403 W/S R&R	450 Golf Course
109 Building Special Revenue	317 General Capital	405 W/S Impact Fee	505 Lease & Replacement
			506 Building Maintenance

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 028812
WWW002

PROJECT NAME	Water Supply Wells	**Project Manager:**	Miller/Beckman
DEPARTMENT	Public Utilities	**Original Plan Date:**	FY 1988
LOCATION	Central Recharge and Wellfield Areas	**Concurrency Requirement:**	Potable Water

Goal / Objective: Goal 1 Objectives 2 & 4

DESCRIPTION/JUSTIFICATION:

The City's consumptive use permit requirements have been met through FY 2022. This project provides funds for the wellfield rehabilitation and replacements as required to existing well heads. Any work on the water supply wells will extend the life beyond one year.

CENTRAL WELLFIELD

Phase III completed installation of 6 new wells and refurbishment of 21 wells in Central wellfield in 2006. However, the need may arise in 2021-2025 period necessitated by increased CI levels in the eastern wellfield and reduce pump age. Budget $50k/yr. for video inspection & refurbishment.

Future Projection : Phase IV Wellfield Expansion anticipates a final 6 new additional wells

All new well construction is subject to SJRWI

EASTERN WELLFIELD

13 eastern wells were last refurbished in FY2006

CUP RENEWAL AND REPORTING

Performed in 5 year increments (2002, 2007, 2012, 2017). CUP Permit Renewal anticipated in 2022.

MISCELLANEOUS LAND PURCHASES

Annual allocation for appraisals, survey, and acquisition of adjacent well field lands and mineral rights possible.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
Land	-	-	-	-	-	-	-
Construction	50,000	50,000	50,000	50,000	50,000	50,000	300,000
Equipment	-	-	-	-	-	-	-
							-
TOTAL PROJECT COSTS	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 300,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Water & Sewer Op Fund (401)	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
Water Impact Fee Fund (405)	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	50,000	50,000	50,000	50,000	50,000	50,000	300,000
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 300,000**

OPERATIONAL IMPACT

These are budgeted funds for renewal and replacements of existing wellheads. No additional operational costs are anticipated.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues			-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-		-
Non Operating (Debt Service)			-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 029073
RIM005

PROJECT NAME	Water Reuse Program	**Project Manager:**	Troutman/Parnell
DEPARTMENT	Public Utilities	**Original Plan Date:**	FY 1990
LOCATION	City-wide	**Concurrency Requirement:**	Water Conservation

Goal / Objective: Goal 1 Objectives 1 & 3

DESCRIPTION/JUSTIFICATION:

Potential need for a 3MG RW storage tank that would expand the water reuse supply capability with the goal being to utilize the lowest quality water source for irrigation and minimize discharge to river by storage utilization and ultimate sale to customers. The future reclaimed water tank location will be based on the results of the Master Utility Plan and it's future supply and demand projections. Possible future locations are the RWP , the RW Reservoir, or near the existing Potable Water Tank adjacent to Woodhaven Development located near the south end of Williamson Blvd.

Project		**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
3 MG Ground Storage			-	150,000	3,000,000	-		3,150,000
and pump station								
TOTAL		**-**	**-**	**150,000**	**3,000,000**	**-**	**-**	**3,150,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	$ -	$ -	$ 150,000	$ -	$ -	$ -	$ 150,000
Land	-	-	-	-	-	-	-
Construction	-	-	-	3,000,000	-	-	3,000,000
Equipment	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**$ -**	**$ -**	**$ 150,000**	**$ 3,000,000**	**$ -**	**$ -**	**$ 3,150,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Water & Sewer Op Fund (401)	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
Water Impact Fee Fund (405)	-	-	-	-	-	-	**-**
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	**-**
Water & Sewer R&R Fund (403)	-	-	-	-	-	-	**-**
Future Grant/Bonds	-	-	150,000	3,000,000	-	-	3,150,000
TOTAL PROJECT REVENUE	**$ -**	**$ -**	**$ 150,000**	**$ 3,000,000**	**$ -**	**$ -**	**$ 3,150,000**

OPERATIONAL IMPACT

Additional chemical and utility costs ($60,000/yr.) are anticipated for GST & System when put into full operation.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	**-**
Maintenance and Other Operating	-				60,000	60,000	120,000
Non Operating (Debt Service)		-	-	-	-	-	**-**
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**60,000**	**60,000**	**120,000**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Water & Sewer O&M Fund (401)	-	-	-	-	60,000	60,000	120,000
	-	-	-	-	-	-	**-**
Total	**-**	**-**	**-**	**-**	**60,000**	**60,000**	**120,000**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 029408 A
URP001

PROJECT NAME	Water System Replacements	**Project Manager:**	Wilson/Gardiner
DEPARTMENT	Public Utilities	**Original Plan Date:**	March 1994
LOCATION	Various	**Concurrency Requirement:**	Water

Goal / Objective: Goal 1 Objectives 1 & 4

DESCRIPTION/JUSTIFICATION:

Replacement of galvanized steel, AC, & PVC piping that have reached their useful service life. **405 Funding can be utilized for upsizing at 25%.**

North Commonwealth Water Main Replacement	1,000,000						1,000,000

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-
Construction	1,000,000	-	-	-	-	-	1,000,000
Equipment	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**$ 1,000,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,000,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Water & Sewer Op Fund (401)	325,000	-	-	-	-	-	325,000
Water Impact Fee Fund (405)	375,000	-	-	-	-	-	375,000
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	300,000	-	-	-	-	-	300,000
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**$ 1,000,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,000,000**

OPERATIONAL IMPACT

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues			-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)			-	-	-	-	-
Net Annual Impact on Total :	-	-	-	-	-	-	-

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total :	-	-	-	-	-	-	-

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 029408 B
URP001

PROJECT NAME	Water System Replacements	**Project Manager:**	Wilson/Gardiner
DEPARTMENT	Public Utilities	**Original Plan Date:**	March 1994
LOCATION	Various	**Concurrency Requirement:**	Water

Goal / Objective: Goal 1 Objectives 1 & 4

DESCRIPTION/JUSTIFICATION:

Replacement of galvanized steel, AC, & PVC piping that have reached their useful service life. **405 Funding can be utilized for upsizing at 25%.**

Program	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Charles Street Area		-	600,000				600,000
TOTALS:	**$ -**	**$ -**	**$ 600,000**	**$ -**	**$ -**	**$ -**	**$ 600,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
Land	-	-	-	-	-	-	**-**
Construction	-	-	600,000	-	-	-	600,000
Equipment	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**$ -**	**$ -**	**$ 600,000**	**$ -**	**$ -**	**$ -**	**$ 600,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Water & Sewer Op Fund (401)	$ -	$ -	$ 400,000	$ -	$ -	$ -	$ 400,000
Water Impact Fee Fund (405)	-	-	150,000	-	-	-	150,000
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	-	-	50,000	-	-	-	50,000
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**$ -**	**$ -**	**$ 600,000**	**$ -**	**$ -**	**$ -**	**$ 600,000**

OPERATIONAL IMPACT

No additional operating costs are expected. Replacement program will improve the overall efficiency and reliability of the current water system and reduce future operational costs.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues			-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)			-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Water & Sewer O&M Fund (401)	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 029408 C

URP001

PROJECT NAME	Water System Replacements	**Project Manager:**	Wilson/Gardiner
DEPARTMENT	Public Utilities	**Original Plan Date:**	March 1994
LOCATION	Various	**Concurrency Requirement:**	Water

Goal / Objective: Goal 1 Objectives 1 & 4

DESCRIPTION/JUSTIFICATION:

Replacement of galvanized steel, AC, & PVC piping that have reached their useful service life. **405 Funding can be utilized for upsizing at 25%.**

Program	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Virginia / Grant Streets			-	700,000			700,000
TOTALS:	**$ -**	**$ -**	**$ -**	**$ 700,000**	**$ -**	**$ -**	**$ 700,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
Land	-	-	-	-	-	-	**-**
Construction	-	-	-	700,000	-	-	700,000
Equipment	-	-	-	-	-	-	**-**
TOTAL PROJECT COSTS	**$ -**	**$ -**	**$ -**	**$ 700,000**	**$ -**	**$ -**	**$ 700,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Water & Sewer Op Fund (401)	$ -	$ -	$ -	$ 370,000	$ -	$ -	$ 370,000
Water Impact Fee Fund (405)	-	-	-	175,000	-	-	175,000
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	-	-	-	155,000	-	-	155,000
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**$ -**	**$ -**	**$ -**	**$ 700,000**	**$ -**	**$ -**	**$ 700,000**

OPERATIONAL IMPACT

No additional operating costs are expected. Replacement program will improve the overall efficiency and reliability of the current water system and reduce future operational costs.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues			-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)			-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Water & Sewer O&M Fund (401)	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 029408 D
URP001

PROJECT NAME	Water System Replacements	**Project Manager:**	Wilson/Gardiner
DEPARTMENT	Public Utilities	**Original Plan Date:**	March 1994
LOCATION	Various	**Concurrency Requirement:**	Water

Goal / Objective: Goal 1 Objectives 1 & 4

DESCRIPTION/JUSTIFICATION:

Replacement of galvanized steel, AC, & PVC piping that have reached their useful service life. **405 Funding can be utilized for upsizing at 25%.**

Program	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
South Commonwealth Water Main				-	1,000,000	1,000,000	2,000,000
Replacement							
TOTALS:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,000,000**	**$ 1,000,000**	**$ 2,000,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
Land	-	-	-	-	-	-	**-**
Construction	-	-	-	-	1,000,000	1,000,000	2,000,000
Equipment	-	-	-	-	-	-	**-**
TOTAL PROJECT COSTS	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,000,000**	**$ 1,000,000**	**$ 2,000,000**

PROPOSED SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer Op Fund (401)	$ -	$ -	$ -	$ -	$ 450,000	$ 450,000	$ 900,000
Water Impact Fee Fund (405)	-	-	-	-	250,000	250,000	500,000
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	-	-	-	-	300,000	300,000	600,000
Future Grant/Bonds	-	-	-	-	-	-	**-**
TOTAL PROJECT REVENUE	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,000,000**	**$ 1,000,000**	**$ 2,000,000**

OPERATIONAL IMPACT

No additional operating costs are expected. Replacement program will improve the overall efficiency and reliability of the current water system and reduce future operational costs.

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues			-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)			-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 029408 E
URP001

PROJECT NAME	Water System Replacements	**Project Manager:**	Wilson/Gardiner
DEPARTMENT	Public Utilities	**Original Plan Date:**	March 1994
LOCATION	Various	**Concurrency Requirement:**	Water

Goal / Objective: Goal 1 Objectives 1 & 4

DESCRIPTION/JUSTIFICATION:

Replacement of galvanized steel, AC, & PVC piping that have reached their useful service life.

Program	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Summertrees					-	400,000	400,000
TOTALS:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 400,000**	**$ 400,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
Land	-	-	-	-	-	-	**-**
Construction	-	-	-	-	-	400,000	400,000
Equipment	-	-	-	-	-	-	**-**
TOTAL PROJECT COSTS	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 400,000**	**$ 400,000**

PROPOSED SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer Op Fund (401)	$ -	$ -	$ -	$ -	$ -	$ 200,000	$ 200,000
Water Impact Fee Fund (405)	-	-	-	-	-	-	**-**
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	**-**
Water & Sewer R&R Fund (403)	-	-	-	-	-	200,000	200,000
Future Grant/Bonds	-	-	-	-	-	-	**-**
TOTAL PROJECT REVENUE	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 400,000**	**$ 400,000**

OPERATIONAL IMPACT

No additional operating costs are expected. Replacement program will improve the overall efficiency and reliability of the current water system and reduce future operational costs.

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues			-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)			-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 029409 A
UET001

PROJECT NAME	Water System Extensions/Upsizing	**Project Manager:**	Neff / Schumann
DEPARTMENT	Public Utilities	**Original Plan Date:**	
LOCATION	Various	**Concurrency Requirement:**	Potable Water

Goal / Objective: Goal 1 Objectives 1, 2 & 4

DESCRIPTION/JUSTIFICATION:

Provide water service to existing residential areas not presently served by the City & provide system redundancy and looping.
405 funding can be utilized at 100%

Program		**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Economic Development		50,000	50,000	50,000	50,000	50,000	50,000	300,000
		-	-	-	-	-	-	-
		-	-	-	-	-	-	-
		-	-	-	-	-	-	-
		-	-	-	-	-	-	-
	TOTALS:	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 300,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land	-	-	-	-	-	-	-
Construction	50,000	50,000	50,000	50,000	50,000	50,000	300,000
Equipment	-	-	-	-	-	-	-
							-
TOTAL PROJECT COSTS	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 300,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Water & Sewer Op Fund (401)	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Water Impact Fee Fund (405)	50,000	50,000	50,000	50,000	50,000	50,000	300,000
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	-	-	-	-	-	-	-
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 300,000**

OPERATIONAL IMPACT

No appreciable increase in operating costs are expected as a result of this project. This project will provide redundancy and looping reliability of the water system which actually may assist in reducing overall operational costs.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues			-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)			-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 029409 C
UET001

PROJECT NAME	Water System Extensions/Upsizing	**Project Manager:**	Neff / Schumann
DEPARTMENT	Public Utilities	**Original Plan Date:**	
LOCATION	Various	**Concurrency Requirement:**	Potable Water

Goal / Objective: Goal 1 Objectives 1, 2 & 4

DESCRIPTION/JUSTIFICATION:

Provide water service to existing residential areas not presently served by the City & provide system redundancy and looping.
405 funding can be utilized at 100%

Program		**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Reinforcement line from		-	-	-	-	-	400,000	400,000
Reed Canal (Atlantic H		-	-	-	-	-	-	**-**
to Nova Road		-	-	-	-	-	-	**-**
		-	-	-	-	-	-	**-**
		-	-	-	-	-	-	**-**
		-	-	-	-	-	-	**-**
		-	-	-	-	-	-	**-**
	TOTALS:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 400,000**	**$ 400,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
Land	-	-	-	-	-	-	**-**
Construction	-	-	-	-	-	400,000	400,000
Equipment	-	-	-	-	-	-	**-**
							-
TOTAL PROJECT COSTS	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 400,000**	**$ 400,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Water & Sewer Op Fund (401)	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
Water Impact Fee Fund (405)	-	-	-	-	-	400,000	400,000
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	**-**
Water & Sewer R&R Fund (403)	-	-	-	-	-	-	**-**
Future Grant/Bonds	-	-	-	-	-	-	**-**
TOTAL PROJECT REVENUE	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 400,000**	**$ 400,000**

OPERATIONAL IMPACT

No appreciable increase in operating costs are expected as a result of this project. This project will provide redundancy and looping reliability of the water system which actually may assist in reducing overall operational costs.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues			-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)			-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 038710
UCP001

PROJECT NAME	City Cost Participation Project	**Project Manager:**	Neff/Schumann
DEPARTMENT	Public Utilities	**Original Plan Date:**	FY 1987
LOCATION	Citywide	**Concurrency Requirement:**	Water/Sewer

Goal / Objective: Goal 1 Objectives 1, 2 & 4

DESCRIPTION/JUSTIFICATION:

The City participates in development costs due to additional cut depth on sewer main, upsizing various water and sewer lines, additional extension of various mains, upsizing lift stations and other miscellaneous items as per outlined in Chapter 11 , of the Land Development Code. The estimated annual cost is anticipated to be $50,000 - $100,000 per year. Funding provides participation in these opportunity costs as they arise.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
Land	-	-	-	-	-	-	**-**
Construction	-	-	-	-	-	-	**-**
Cost Participation	100,000	100,000	100,000	100,000	100,000	100,000	600,000
					-	-	**-**
TOTAL PROJECT COSTS	**$ 100,000**	**$ 100,000**	**$ 100,000**	**$ 100,000**	**$ 100,000**	**$ 100,000**	**$ 600,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Water & Sewer Op Fund (401)	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
Water Impact Fee Fund (405)	50,000	50,000	50,000	50,000	50,000	50,000	300,000
Sewer Impact Fee Fund (405)	50,000	50,000	50,000	50,000	50,000	50,000	300,000
Water & Sewer R&R Fund (403)	-	-	-	-	-	-	**-**
Future Grant/Bonds	-	-	-	-	-	-	**-**
TOTAL PROJECT REVENUE	**$ 100,000**	**$ 100,000**	**$ 100,000**	**$ 100,000**	**$ 100,000**	**$ 100,000**	**$ 600,000**

OPERATIONAL IMPACT

Projects necessary to properly service growth in the respective areas. Additional operating costs would be offset by the an expected increase in the overall revenues collected from new utility customers.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues			-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)			-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 038825 A
MME003

PROJECT NAME	Telemetry Instrument/Control Sys. - Water Plant	**Project Manager:**	Miller/Beckman
DEPARTMENT	Public Utilities / Water Plant	**Original Plan Date:**	FY 1988
LOCATION	Citywide	**Concurrency Requirement:**	N/A

Goal / Objective: Goal 1 Objective 4

DESCRIPTION/JUSTIFICATION:

Renewal/Rehabilitation, and replacement to Radio Telemetry Unit (RTUs) equipment at all PU facilities including 40 water wells, & 3 remote storage tanks & pumping stations as needed. The average Radio Telemetry Unit (RTU) replacement is between 4-6 units at a cost of $5000 ea. and 3 Variable Frequency Drives (VFDs) were replaced in 2014 and 3 Variable Frequency Drives (VFDs) were added or replaced in 2015. Because lightening and power failures can destroy one of these at any time it is best to leave the replacement cost of between $25,000-$45,000 in place for 2017. Normal replacement of these drives would begin in 2019. PLC upgrades from the 500 series to the 501 series will be necessary in the near future. One of our 5 PLCs will need to be replaced in 2017 due to unreliable consistent operation.

PROJECT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Replace Variable Frequency Drives	40,000	40,000	40,000	40,000	40,000	40,000	240,000
Replace RTUs/TCUs Lift stations	20,000	20,000	20,000	20,000	20,000	20,000	120,000
Replace Programmable Logic Controllers	30,000	30,000	30,000	30,000	30,000	30,000	180,000
Upgrade Data-flow to Hyper Tac III	-	-		10,000	-	-	10,000
Security System Maintenance	5,000	5,000	5,000	5,000	5,000	5,000	30,000
TOTAL:	**$ 95,000**	**$ 95,000**	**$ 95,000**	**$ 105,000**	**$ 95,000**	**$ 95,000**	**$ 580,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
Land	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-
Equipment	95,000	95,000	95,000	105,000	95,000	95,000	580,000
TOTAL PROJECT COSTS	**$ 95,000**	**$ 95,000**	**$ 95,000**	**$ 105,000**	**$ 95,000**	**$ 95,000**	**$ 580,000**

PROPOSED SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer Op Fund (401)	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
Water Impact Fee Fund (405)	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	95,000	95,000	95,000	105,000	95,000	95,000	580,000
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**$ 95,000**	**$ 95,000**	**$ 95,000**	**$ 105,000**	**$ 95,000**	**$ 95,000**	**$ 580,000**

OPERATIONAL IMPACT

Telemetry technology improves detection capability and overall response time to resolving potential problem areas within the related systems. Training costs and staff certification requirements will increase as telemetry monitoring expand. We have telemetry installed at both Treatment Plants, wells, pumping stations, and security systems at several of our installations.

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues		-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	**-**
Non Operating (Debt Service)			-	-	-	-	**-**
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	**-**
	-	-	-	-	-	-	**-**
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 038825 B
MME003

PROJECT NAME	Telemetry Instrument/Control Sys - Reclaimed Water Plant	**Project Manager:**	Troutman/Parnell
DEPARTMENT	Public Utilities / Reclaimed Water Plant	**Original Plan Date:**	FY 1988
LOCATION	Citywide	**Concurrency Requirement:**	N/A

Goal / Objective: Goal 1 Objective 4

DESCRIPTION/JUSTIFICATION:

Renewal/Rehabilitation, and replacement to Radio Telemetry System equipment at all PU facilities including 100+ lift stations, 40 water wells, & 6 remote storage tanks & pumping stations as needed. This project will extend life beyond one year.

PROJECT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Replace Variable Frequency Drives	40,000	40,000	40,000	40,000	40,000	40,000	240,000
Replace RTUs/TCUs Lift stations	20,000	20,000	20,000	20,000	20,000	20,000	120,000
Replace Programmable Logic Controllers	30,000	30,000	30,000	30,000	30,000	30,000	180,000
Upgrade Data-flow to Hyper Tac III	10,000	-		-	-	-	10,000
Security System Maintenance	5,000	5,000	5,000	5,000	5,000	5,000	30,000
TOTAL:	**$ 105,000**	**$ 95,000**	**$ 95,000**	**$ 95,000**	**$ 95,000**	**$ 95,000**	**$ 580,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
Land	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-
Equipment	105,000	95,000	95,000	95,000	95,000	95,000	580,000
TOTAL PROJECT COSTS	**$ 105,000**	**$ 95,000**	**$ 95,000**	**$ 95,000**	**$ 95,000**	**$ 95,000**	**$ 580,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Water & Sewer Op Fund (401)	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
Water Impact Fee Fund (405)	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	105,000	95,000	95,000	95,000	95,000	95,000	580,000
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**$ 105,000**	**$ 95,000**	**$ 95,000**	**$ 95,000**	**$ 95,000**	**$ 95,000**	**$ 580,000**

OPERATIONAL IMPACT

Telemetry technology improves detection capability and overall response time to resolving potential problem areas within the related systems. Training costs and staff certification requirements will increase as telemetry monitoring expand. We have telemetry installed at both Treatment Plants, wells, pumping stations, and security systems at several of our installations.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues		-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	**-**
Non Operating (Debt Service)			-	-	-	-	**-**
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	**-**
	-	-	-	-	-	-	**-**
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 038955
MMP001

PROJECT NAME	Utilities Mapping	**Project Manager:**	Neff/Schumann
DEPARTMENT	Public Utilities	**Original Plan Date:**	FY 1989
LOCATION	Citywide	**Concurrency Requirement:**	N/A

Goal / Objective: Goal 1 Objective 2

DESCRIPTION/JUSTIFICATION:

Digital mapping by computer of all as-built will allow us to obtain a print-out of any section of the collection or distribution systems. Data management software needed for management of system attributes information to avoid double entry of text/data.

Approximately 28 sections of land fall within the city limits. Approximately 36 sections of land fall within the utilities service area. Beachside mapping is complete and up to date.

Base mapping, including location of utilities surface features, verification, etc. cost approximately $ 50,000 per section; as-built information "scrubbing" and input cost approximately $ 30,000 per section.

Estimated Costs: Base Map 34 Sections at $50,000 per section
As-Builts 34 sections at $30,000 per section
Utility Atlas Updates at $15,000 annually

Program is to be coordinated with city-wide GIS and mapping.
Program expanded to include creation and periodic update of Utility Atlas.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Mapping	100,000	100,000	100,000	100,000	100,000	100,000	600,000
Land	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-
Equipment							-
TOTAL PROJECT COSTS	**$ 100,000**	**$ 100,000**	**$ 100,000**	**$ 100,000**	**$ 100,000**	**$ 100,000**	**$ 600,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Water & Sewer Op Fund (401)	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 600,000
Water Impact Fee Fund (405)	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	-	-	-	-	-	-	-
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**$ 100,000**	**$ 100,000**	**$ 100,000**	**$ 100,000**	**$ 100,000**	**$ 100,000**	**$ 600,000**

OPERATIONAL IMPACT

No additional operating costs are expected as a result of this project. Significant cost and time efficacies may develop related to response times involving utility line breaks and locate requests for information etc.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues			-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)			-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 038964 A
SSP002

PROJECT NAME	Reclaimed Water Plant Renovations/ Replacements	**Project Manager:**	Troutman/Parnell
DEPARTMENT	Public Utilities	**Original Plan Date:**	FY 1989
LOCATION	RWP, Reservoir, & Remote PS	**Concurrency Requirement:**	N/A

Goal / Objective: Goal 1 Objectives 1, 2 & 4

DESCRIPTION/JUSTIFICATION:

Maintenance and repairs to existing Reclaimed Water Treatment Plant, remote pump stations, augmentation wells, and reclaimed reservoir to prevent deterioration. This is a continuing effort that will be extended as additional items wear from facility aging.

PROJECT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Rehab 3 press	300,000						300,000
Replace 5 Polymer Pumps			30,000				30,000
Replace 5 Press Room Sludge Pumps					100,000		100,000
Replace 2 Press Room Jockey Pumps						40,000	40,000
Totals:	**300,000**	**-**	**30,000**	**-**	**100,000**	**40,000**	**$ 470,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land	-	-	-	-	-	-	-
Construction	300,000	-	30,000	-	100,000	40,000	470,000
Equipment	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**300,000**	**-**	**30,000**	**-**	**100,000**	**40,000**	**$ 470,000**

SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer Op Fund (401)	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Water Impact Fee Fund (405)	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	300,000	-	30,000	-	100,000	40,000	470,000
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**300,000**	**-**	**30,000**	**-**	**100,000**	**40,000**	**$ 470,000**

OPERATIONAL IMPACT

Replacement of existing pumps and treatment processes to more efficient systems

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues			-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)			-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**$ -**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**$ -**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 038964 B
SSP002

PROJECT NAME	Reclaimed Water Plant Renovations/ Replacements	**Project Manager:**	Troutman/Parnell
DEPARTMENT	Public Utilities	**Original Plan Date:**	FY 1989
LOCATION	RWP, Reservoir, & Remote PS	**Concurrency Requirement:**	N/A

Goal / Objective: Goal 1 Objectives 1, 2 & 4

DESCRIPTION/JUSTIFICATION:

Maintenance and repairs to existing Reclaimed Water Treatment Plant, remote pump stations, augmentation wells, and reclaimed reservoir to prevent deterioration. This is a continuing effort that will be extended as additional items wear from facility aging.

PROJECT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Rehab Teacups and Controls	80,000						80,000
Replace Bar Screens					300,000		300,000
Totals:	**$ 80,000**	**$ -**	**$ -**	**$ -**	**$ 300,000**	**$ -**	**$ 380,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
Land	-	-	-	-	-	-	-
Construction	80,000	-	-	-	300,000	-	380,000
Equipment	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**$ 80,000**	**$ -**	**$ -**	**$ -**	**$ 300,000**	**$ -**	**$ 380,000**

SOURCES OF FUNDS:	FY16	FY17	FY18	FY19	FY20	FY21	TOTAL
Water & Sewer Op Fund (401)	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
Water Impact Fee Fund (405)	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	80,000	-	-	-	300,000	-	380,000
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**$ 80,000**	**$ -**	**$ -**	**$ -**	**$ 300,000**	**$ -**	**$ 380,000**

OPERATIONAL IMPACT

Replacement of existing pumps and treatment processes to more efficient systems

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues			-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)			-	-	-	-	-
Net Annual Impact on Operations	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 038964 C
SSP002

PROJECT NAME	Reclaimed Water Plant Renovations/ Replacements	**Project Manager:**	Troutman/Parnell
DEPARTMENT	Public Utilities	**Original Plan Date:**	FY 1989
LOCATION	RWP, Reservoir, & Remote PS	**Concurrency Requirement:**	N/A

Goal / Objective: Goal 1 Objectives 1, 2 & 4

DESCRIPTION/JUSTIFICATION:

Maintenance and repairs to existing Reclaimed Water Treatment Plant, remote pump stations, augmentation wells, and reclaimed reservoir to prevent deterioration. This is a continuing effort that will be extended as additional items wear from facility aging.

PROJECT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Replace 3 CL2 Pumps			100,000				100,000
Totals:	**$ -**	**$ -**	**$ 100,000**	**$ -**	**$ -**	**$ -**	**$ 100,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land	-	-	-	-	-	-	-
Construction	-	-	100,000	-	-	-	100,000
Equipment	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**$ -**	**$ -**	**$ 100,000**	**$ -**	**$ -**	**$ -**	**$ 100,000**

SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer Op Fund (401)	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Water Impact Fee Fund (405)	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	-	-	100,000	-	-	-	100,000
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**$ -**	**$ -**	**$ 100,000**	**$ -**	**$ -**	**$ -**	**$ 100,000**

OPERATIONAL IMPACT

Replacement of existing pumps and treatment processes to more efficient systems

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues			-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)			-	-	-	-	-
Net Annual Impact on Operations	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 038964 D
SSP002

PROJECT NAME	Reclaimed Water Plant Renovations/ Replacements	**Project Manager:**	Troutman/Parnell
DEPARTMENT	Public Utilities	**Original Plan Date:**	FY 1989
LOCATION	RWP, Reservoir, & Remote PS	**Concurrency Requirement:**	N/A

Goal / Objective: Goal 1 Objectives 1, 2 & 4

DESCRIPTION/JUSTIFICATION:

Maintenance and repairs to existing Reclaimed Water Treatment Plant, remote pump stations, augmentation wells, and reclaimed reservoir to prevent deterioration. This is a continuing effort that will be extended as additional items wear from facility aging.

PROJECT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Upgrades to Data Flow Systems	80,000						80,000
Totals:	**$ 80,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 80,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land	-	-	-	-	-	-	-
Construction	80,000	-	-	-	-	-	80,000
Equipment	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**$ 80,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 80,000**

SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer Op Fund (401)	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Water Impact Fee Fund (405)	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	80,000	-	-	-	-	-	80,000
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**$ 80,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 80,000**

OPERATIONAL IMPACT

Replacement of existing pumps and treatment processes to more efficient systems

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues			-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)			-	-	-	-	-
Net Annual Impact on Operations	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 038964 E
SSP002

PROJECT NAME	Reclaimed Water Plant Renovations/ Replacements	**Project Manager:**	Troutman/Parnell
DEPARTMENT	Public Utilities	**Original Plan Date:**	FY 1989
LOCATION	RWP, Reservoir, & Remote PS	**Concurrency Requirement:**	N/A

Goal / Objective: Goal 1 Objectives 1, 2 & 4

DESCRIPTION/JUSTIFICATION:

Maintenance and repairs to existing Reclaimed Water Treatment Plant, remote pump stations, augmentation wells, and reclaimed reservoir to prevent deterioration. This is a continuing effort that will be extended as additional items wear from facility aging.

PROJECT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Replace 3 Single speed pumps	135,000						135,000
Reservoir (Variable Frequency Drives)							
Replace 2 VFD's at Williamson Blvd					90,000		90,000
(Variable Frequency Drives)							
A/C unit installation for the VFD pumps	50,000						50,000
at the Recharge Reservoir							
Replace High Service Pump (HSP)	60,000						60,000
Recharge Reservoir Pump Station							
Totals:	**$ 245,000**	**$ -**	**$ -**	**$ -**	**$ 90,000**	**$ -**	**$ 335,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-
Equipment	245,000	-	-	-	90,000	-	335,000
TOTAL PROJECT COSTS	**$ 245,000**	**$ -**	**$ -**	**$ -**	**$ 90,000**	**$ -**	**$ 335,000**

SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer Op Fund (401)	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Water Impact Fee Fund (405)	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	245,000	-	-	-	90,000	-	335,000
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**$ 245,000**	**$ -**	**$ -**	**$ -**	**$ 90,000**	**$ -**	**$ 335,000**

OPERATIONAL IMPACT

Replacement of existing pumps and treatment processes to more efficient systems

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues			-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)			-	-	-	-	-
Net Annual Impact on Operations	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 038964 G
SSP002

PROJECT NAME	Reclaimed Water Plant Renovations/ Replacements	**Project Manager:**	Troutman/Parnell
DEPARTMENT	Public Utilities	**Original Plan Date:**	FY 1989
LOCATION	RWP, Reservoir, & Remote PS	**Concurrency Requirement:**	N/A

Goal / Objective: Goal 1 Objectives 1, 2 & 4

DESCRIPTION/JUSTIFICATION:

Maintenance and repairs to existing Reclaimed Water Treatment Plant, remote pump stations, augmentation wells, and reclaimed reservoir to prevent deterioration. This is a continuing effort that will be extended as additional items wear from facility aging.

PROJECT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Replace Cypress Head Pump, Meter & Controls		20,000					20,000
Replace Memorial Park Pump, Meter & Controls		60,000					60,000
Totals:	$ -	$ 80,000	$ -	$ -	$ -	$ -	$ 80,000

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land	-	-	-	-	-	-	-
Construction	-	80,000	-	-	-	-	80,000
Equipment	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**$ -**	**$ 80,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 80,000**

SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer Op Fund (401)	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Water Impact Fee Fund (405)	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	-	80,000	-	-	-	-	80,000
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**$ -**	**$ 80,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 80,000**

OPERATIONAL IMPACT

Replacement of existing pumps and treatment processes to more efficient systems

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues			-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)			-	-	-	-	-
Net Annual Impact on Operations	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 038964 H
SSP002

PROJECT NAME	Reclaimed Water Plant Renovations/ Replacements	**Project Manager:**	Troutman/Parnell
DEPARTMENT	Public Utilities	**Original Plan Date:**	FY 1989
LOCATION	RWP, Reservoir, & Remote PS	**Concurrency Requirement:**	N/A

Goal / Objective: Goal 1 Objectives 1, 2 & 4

DESCRIPTION/JUSTIFICATION:

Maintenance and repairs to existing Reclaimed Water Treatment Plant, remote pump stations, augmentation wells, and reclaimed reservoir to prevent deterioration. This is a continuing effort that will be extended as additional items wear from facility aging.

PROJECT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Replace 6 Return Activative Sludge		120,000					120,000
(3 at T-1 and 3 at T-2)							
Replace 4 Waste Activative Sludge		80,000					80,000
(2 at T-1 and 2 at T-2)							
Replace 2 Sludge Transfer Pumps T-1		50,000					50,000
Totals:	**$ -**	**$ 250,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 250,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land	-	-	-	-	-	-	-
Construction	-	250,000	-	-	-	-	250,000
Equipment	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**$ -**	**$ 250,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 250,000**

SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer Op Fund (401)	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Water Impact Fee Fund (405)	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	-	250,000	-	-	-	-	250,000
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**$ -**	**$ 250,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 250,000**

OPERATIONAL IMPACT

Replacement of existing pumps and treatment processes to more efficient systems

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues			-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)			-	-	-	-	-
Net Annual Impact on Operations	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 038964 I
SSP002

PROJECT NAME	Reclaimed Water Plant Renovations/ Replacements	**Project Manager:**	Troutman/Parnell
DEPARTMENT	Public Utilities	**Original Plan Date:**	FY 1989
LOCATION	RWP, Reservoir, & Remote PS	**Concurrency Requirement:**	N/A

Goal / Objective: Goal 1 Objectives 1, 2 & 4

DESCRIPTION/JUSTIFICATION:

Maintenance and repairs to existing Reclaimed Water Treatment Plant, remote pump stations, augmentation wells, and reclaimed reservoir to prevent deterioration. This is a continuing effort that will be extended as additional items wear from facility aging.

PROJECT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Rehab 4 Clear Well Pumps		90,000					90,000
Rehab 2 Denite Backwash Pumps			90,000				90,000
Replace Denite Blowers			180,000				180,000
Totals:	**$ -**	**$ 90,000**	**$ 270,000**	**$ -**	**$ -**	**$ -**	**$ 360,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land	-	-	-	-	-	-	-
Construction	-	90,000	270,000	-	-	-	360,000
Equipment	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**$ -**	**$ 90,000**	**$ 270,000**	**$ -**	**$ -**	**$ -**	**$ 360,000**

SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer Op Fund (401)	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Water Impact Fee Fund (405)	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	-	90,000	270,000	-	-	-	360,000
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**$ -**	**$ 90,000**	**$ 270,000**	**$ -**	**$ -**	**$ -**	**$ 360,000**

OPERATIONAL IMPACT

Replacement of existing pumps and treatment processes to more efficient systems

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues			-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)			-	-	-	-	-
Net Annual Impact on Operations	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 038964 J
SSP002

PROJECT NAME	Reclaimed Water Plant Renovations/ Replacements	**Project Manager:**	Tom Troutman
DEPARTMENT	Public Utilities	**Original Plan Date:**	FY 1989
LOCATION	RWP, Reservoir, & Remote PS	**Concurrency Requirement:**	N/A

Goal / Objective: Goal 1 Objectives 1, 2 & 4

DESCRIPTION/JUSTIFICATION:

Maintenance and repairs to existing Reclaimed Water Treatment Plant, remote pump stations, augmentation wells, and reclaimed reservoir to prevent deterioration. This is a continuing effort that will be extended as additional items wear from facility aging.

PROJECT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering Design for Plant Modification for 5-5-3-1		500,000					500,000
Plant Modification for 5-5-3-1			6,000,000				6,000,000
Totals:	**$ -**	**$ 500,000**	**$ 6,000,000**	**$ -**	**$ -**	**$ -**	**$ 6,500,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	$ -	$ 500,000	$ -	$ -	$ -	$ -	$ 500,000
Land	-	-	-	-	-	-	-
Construction	-	-	6,000,000	-	-	-	6,000,000
Equipment	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**$ -**	**$ 500,000**	**$ 6,000,000**	**$ -**	**$ -**	**$ -**	**$ 6,500,000**

SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer Op Fund (401)	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Water Impact Fee Fund (405)	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	-	500,000	-	-	-	-	500,000
Future Grant/Bonds	-	-	6,000,000	-	-	-	6,000,000
TOTAL PROJECT REVENUE	**$ -**	**$ 500,000**	**$ 6,000,000**	**$ -**	**$ -**	**$ -**	**$ 6,500,000**

OPERATIONAL IMPACT

Replacement of existing pumps and treatment processes to more efficient systems

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues			-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)			-	-	-	-	-
Net Annual Impact on Operations	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 038964 K
SSP002

PROJECT NAME	Reclaimed Water Plant Renovations/ Replacements	**Project Manager:**	Troutman/Parnell
DEPARTMENT	Public Utilities	**Original Plan Date:**	FY 1989
LOCATION	RWP, Reservoir, & Remote PS	**Concurrency Requirement:**	N/A

Goal / Objective: Goal 1 Objectives 1, 2 & 4

DESCRIPTION/JUSTIFICATION:

Maintenance and repairs to existing Reclaimed Water Treatment Plant, remote pump stations, augmentation wells, and reclaimed reservoir to prevent deterioration. This is a continuing effort that will be extended as additional items wear from facility aging.

PROJECT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Rebuild Oak Street Deep Well				90,000			90,000
Totals:	$ -	$ -	$ -	$ 90,000	$ -	$ -	$ 90,000

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land	-	-	-	-	-	-	-
Construction	-	-	-	90,000	-	-	90,000
Equipment	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**$ -**	**$ -**	**$ -**	**$ 90,000**	**$ -**	**$ -**	**$ 90,000**

SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer Op Fund (401)	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Water Impact Fee Fund (405)	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	-	-	-	90,000	-	-	90,000
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**$ -**	**$ -**	**$ -**	**$ 90,000**	**$ -**	**$ -**	**$ 90,000**

OPERATIONAL IMPACT

Replacement of existing pumps and treatment processes to more efficient systems

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues			-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)			-	-	-	-	-
Net Annual Impact on Operations	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 038964 L
SSP002

PROJECT NAME	Reclaimed Water Plant Renovations/ Replacements	**Project Manager:**	Troutman/Parnell
DEPARTMENT	Public Utilities	**Original Plan Date:**	FY 1989
LOCATION	RWP, Reservoir, & Remote PS	**Concurrency Requirement:**	N/A

Goal / Objective: Goal 1 Objectives 1, 2 & 4

DESCRIPTION/JUSTIFICATION:

Maintenance and repairs to existing Reclaimed Water Treatment Plant, remote pump stations, augmentation wells, and reclaimed reservoir to prevent deterioration. This is a continuing effort that will be extended as additional items wear from facility aging.

PROJECT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Rehab 5 Reair Pumps				60,000			60,000
Totals:	**$ -**	**$ -**	**$ -**	**$ 60,000**	**$ -**	**$ -**	**$ 60,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land	-	-	-	-	-	-	-
Construction	-	-	-	60,000	-	-	60,000
Equipment	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**$ -**	**$ -**	**$ -**	**$ 60,000**	**$ -**	**$ -**	**$ 60,000**

SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer Op Fund (401)	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Water Impact Fee Fund (405)	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	-	-	-	60,000	-	-	60,000
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**$ -**	**$ -**	**$ -**	**$ 60,000**	**$ -**	**$ -**	**$ 60,000**

OPERATIONAL IMPACT

Replacement of existing pumps and treatment processes to more efficient systems

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues			-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)			-	-	-	-	-
Net Annual Impact on Operations	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 038964 M
SSP002

PROJECT NAME	Reclaimed Water Plant Renovations/ Replacements	**Project Manager:**	Troutman/Parnell
DEPARTMENT	Public Utilities	**Original Plan Date:**	FY 1989
LOCATION	RWP, Reservoir, & Remote PS	**Concurrency Requirement:**	N/A

Goal / Objective: Goal 1 Objectives 1, 2 & 4

DESCRIPTION/JUSTIFICATION:

Maintenance and repairs to existing Reclaimed Water Treatment Plant, remote pump stations, augmentation wells, and reclaimed reservoir to prevent deterioration. This is a continuing effort that will be extended as additional items wear from facility aging.

PROJECT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Replace 2 Sodium Bisulfite Feed Pumps				70,000			70,000
Replace Sodium Bisulfite Tank				30,000			30,000
Rehab 2 Influent pumps & meters at the West Master Lift Station				60,000			60,000
Totals:	**$ -**	**$ -**	**$ -**	**$ 160,000**	**$ -**	**$ -**	**$ 160,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land	-	-	-	-	-	-	-
Construction	-	-	-	160,000	-	-	160,000
Equipment	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**$ -**	**$ -**	**$ -**	**$ 160,000**	**$ -**	**$ -**	**$ 160,000**

SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer Op Fund (401)	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Water Impact Fee Fund (405)	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	-	-	-	160,000	-	-	160,000
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**$ -**	**$ -**	**$ -**	**$ 160,000**	**$ -**	**$ -**	**$ 160,000**

OPERATIONAL IMPACT

Replacement of existing pumps and treatment processes to more efficient systems

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues			-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)			-	-	-	-	-
Net Annual Impact on Operations	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 038964 N
SSP002

PROJECT NAME	Reclaimed Water Plant Renovations/ Replacements	**Project Manager:**	Troutman/Parnell
DEPARTMENT	Public Utilities	**Original Plan Date:**	FY 1989
LOCATION	RWP, Reservoir, & Remote PS	**Concurrency Requirement:**	N/A

Goal / Objective: Goal 1 Objectives 1, 2 & 4

DESCRIPTION/JUSTIFICATION:

Maintenance and repairs to existing Reclaimed Water Treatment Plant, remote pump stations, augmentation wells, and reclaimed reservoir to prevent deterioration. This is a continuing effort that will be extended as additional items wear from facility aging.

PROJECT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Replace 6 Internal Recycle (IR) Pumps					240,000		240,000
Totals:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 240,000**	**$ -**	**$ 240,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land	-	-	-	-	-	-	-
Construction	-	-	-	-	240,000	-	240,000
Equipment	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**$ -**	**$ -**	**$ -**	**$ -**	**$ 240,000**	**$ -**	**$ 240,000**

SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Water & Sewer Op Fund (401)	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Water Impact Fee Fund (405)	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	-	-	-	-	240,000	-	240,000
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**$ -**	**$ -**	**$ -**	**$ -**	**$ 240,000**	**$ -**	**$ 240,000**

OPERATIONAL IMPACT

Replacement of existing pumps and treatment processes to more efficient systems

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues			-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)			-	-	-	-	-
Net Annual Impact on Operations	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 038964 O
SSP002

PROJECT NAME	Reclaimed Water Plant Renovations/ Replacements	**Project Manager:**	Troutman/Parnell
DEPARTMENT	Public Utilities	**Original Plan Date:**	FY 1989
LOCATION	RWP, Reservoir, & Remote PS	**Concurrency Requirement:**	N/A

Goal / Objective: Goal 1 Objectives 1, 2 & 4

DESCRIPTION/JUSTIFICATION:

Maintenance and repairs to existing Reclaimed Water Treatment Plant, remote pump stations, augmentation wells, and reclaimed reservoir to prevent deterioration. This is a continuing effort that will be extended as additional items wear from facility aging.

PROJECT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Rehab 3 Outfall Pumps					90,000		90,000
Totals:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 90,000**	**$ -**	**$ 90,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land	-	-	-	-	-	-	-
Construction	-	-	-	-	90,000	-	90,000
Equipment	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**$ -**	**$ -**	**$ -**	**$ -**	**$ 90,000**	**$ -**	**$ 90,000**

SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer Op Fund (401)	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Water Impact Fee Fund (405)	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	-	-	-	-	90,000	-	90,000
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**$ -**	**$ -**	**$ -**	**$ -**	**$ 90,000**	**$ -**	**$ 90,000**

OPERATIONAL IMPACT

Replacement of existing pumps and treatment processes to more efficient systems

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues			-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)			-	-	-	-	-
Net Annual Impact on Operations	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 039493 B
WWP003

PROJECT NAME	Potable Water Plant Renovations / Replacements	**Project Manager**	Miller/Beckman
DEPARTMENT	Public Utilities	**Original Plan Date**	March 1994
LOCATION	Water Plant, Remote PS, & Wells	**Concurrency Requirement**	Water

Goal / Objective: Goal 1 Objectives 1, 2 & 4

DESCRIPTION/JUSTIFICATION:

Cypress Head pump station roof is showing signs that it is time to replace. Maintenance and repairs to the existing Water Treatment Plant, remote pump stations, and wells is done on an annual basis to prevent deterioration of the infrastructure.

PROJECT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Replace roof at Cypress Head pump	25,000	-	-	-	-	-	25,000
Miscellaneous Facility Improvements	-	-	50,000	50,000	50,000	50,000	200,000
Total:	**$ 25,000**	**$ -**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 225,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction							-
Equipment	25,000	-	50,000	50,000	50,000	50,000	225,000
TOTAL PROJECT COSTS	**$ 25,000**	**$ -**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 225,000**

SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer Op Fund (401)	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Water Impact Fee Fund (405)	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	25,000	-	50,000	50,000	50,000	50,000	225,000
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**$ 25,000**	**$ -**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 225,000**

OPERATIONAL IMPACT

No additional operating costs are expected as a result of this project.

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-			-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 039493 C
WWP003

PROJECT NAME	Potable Water Plant Renovations / Replacements	**Project Manager**	Miller/Beckman
DEPARTMENT	Public Utilities	**Original Plan Date**	March 1994
LOCATION	Water Plant, Remote PS, & Wells	**Concurrency Requirement**	Water

Goal / Objective: Goal 1 Objectives 1, 2 & 4

DESCRIPTION/JUSTIFICATION:

Replacement of depreciated Moyno progressive cavity sludge pumps and upgrade in pump capacity for the processed waste operation, pumps are on a ten (10) year replacement schedule and were last replaced in 2006.

PROJECT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Replace & upgrade four (4) Moyno	250,000	-					250,000
Filter media replacement		125,000	125,000				250,000
Replace Lime pumps				125,000	125,000		250,000
Total:	**$ 250,000**	**$ 125,000**	**$ 125,000**	**$ 125,000**	**$ 125,000**	**$ -**	**$ 750,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction							-
Equipment	250,000	125,000	125,000	125,000	125,000	-	750,000
TOTAL PROJECT COSTS	**$ 250,000**	**$ 125,000**	**$ 125,000**	**$ 125,000**	**$ 125,000**	**$ -**	**$ 750,000**

SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer Op Fund (401)	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Water Impact Fee Fund (405)	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	250,000	125,000	125,000	125,000	125,000	-	750,000
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**$ 250,000**	**$ 125,000**	**$ 125,000**	**$ 125,000**	**$ 125,000**	**$ -**	**$ 750,000**

OPERATIONAL IMPACT

No additional operating costs are expected as a result of this project.

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-			-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 039493 D
WWP003

PROJECT NAME	Potable Water Plant Renovations / Replacements	**Project Manager**	Miller/Beckman
DEPARTMENT	Public Utilities	**Original Plan Date**	March 1994
LOCATION	Water Plant, Remote PS, & Wells	**Concurrency Requirement**	Water

Goal / Objective: Goal 1 Objectives 1, 2 & 4

DESCRIPTION/JUSTIFICATION:

The existing polymer feed system is over 17 years old and is in need of replacement, the estimated cost is $40,000. The chemical feed pumps and flender accelator drive units are approaching their useful life and will need to be replaced.

PROJECT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Replace polymer feed system	40,000						40,000
Replace Chemical feed pumps			100,000			125,000	225,000
Replace flender accelator drive units				40,000			40,000
Total:	**$ 40,000**	**$ -**	**$ 100,000**	**$ 40,000**	**$ -**	**$ 125,000**	**$ 305,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction							-
Equipment	40,000	-	100,000	40,000	-	125,000	305,000
TOTAL PROJECT COSTS	**$ 40,000**	**$ -**	**$ 100,000**	**$ 40,000**	**$ -**	**$ 125,000**	**$ 305,000**

SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer Op Fund (401)	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Water Impact Fee Fund (405)	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	40,000	-	100,000	40,000	-	125,000	305,000
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**$ 40,000**	**$ -**	**$ 100,000**	**$ 40,000**	**$ -**	**$ 125,000**	**$ 305,000**

OPERATIONAL IMPACT

No additional operating costs are expected as a result of this project.

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-			-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 039493 E
WWP003

PROJECT NAME	Potable Water Plant Renovations / Replacements	**Project Manager**	Miller/Bekman
DEPARTMENT	Public Utilities	**Original Plan Date**	March 1994
LOCATION	Water Plant, Remote PS, & Wells	**Concurrency Requirement**	Water

Goal / Objective: Goal 1 Objectives 1, 2 & 4

DESCRIPTION/JUSTIFICATION:

The Hach mono chloramine analyzers provide vital information on the quality of the water at the Water Plant and out in the distribution system. The 5 analyzers used monitor the chlorine levels, free ammonia & total ammonia levels which directly affect the quality and safety of the water. These analyzers determine how the Water Plant treats the water for citizens of Port Orange. Hach is no longer manufacturing the analyzers we use and replacement parts will only be available for a few more years. Also the Hach Analyzer is a highly sensitive unit that requires a separate maintenance contract that is approx. $25,000/year to operate. Recently numerous service calls have been made to keep the analyzers working.

These Analyzers need to be replaced before they deteriorate beyond repair and cause health and safety issues in the distribution system. Newer units are available that are less expensive than the Hach Analyzers, use less chemical reagents and would drastically reduce the maintenance contract expense.

PROJECT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Replace five (5) monochloramine Analyzers	85,000						85,000
Total:	**$ 85,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 85,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction							-
Equipment	85,000	-	-	-	-	-	85,000
TOTAL PROJECT COSTS	**$ 85,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 85,000**

SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer Op Fund (401)	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Water Impact Fee Fund (405)	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	85,000	-	-	-	-	-	85,000
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**$ 85,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 85,000**

OPERATIONAL IMPACT

No additional operating costs are expected as a result of this project.

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-			-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 039493 F
WWP003

PROJECT NAME	Potable Water Plant Renovations / Replacements	**Project Manager**	Miller/Beckman
DEPARTMENT	Public Utilities	**Original Plan Date**	March 1994
LOCATION	Water Plant, Remote PS, & Wells	**Concurrency Requirement**	Water

Goal / Objective: Goal 1 Objectives 1, 2 & 4

DESCRIPTION/JUSTIFICATION:

We have nine (9) high service pumps at our three (3) remote pump stations in addition to the high service pumps at the plant. Each year we fund enough money to do an inspection of the rotating assemblies and replace them as required. It is expected that some older pumps will be due for rotating assembly replacement.

PROJECT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Replace misc. pump rotating assemblies	30,000	75,000	75,000	45,000	45,000	75,000	345,000
Backwash recovery pumps	-	-	-	50,000	-	-	50,000
Vacuum and filtrates pumps for press	-	-	-	-	-	150,000	150,000
							-
Total:	**$ 30,000**	**$ 75,000**	**$ 75,000**	**$ 95,000**	**$ 45,000**	**$ 225,000**	**$ 545,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction							-
Equipment	30,000	75,000	75,000	95,000	45,000	225,000	545,000
TOTAL PROJECT COSTS	**$ 30,000**	**$ 75,000**	**$ 75,000**	**$ 95,000**	**$ 45,000**	**$ 225,000**	**$ 545,000**

SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Water & Sewer Op Fund (401)	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Water Impact Fee Fund (405)	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	30,000	75,000	75,000	95,000	45,000	225,000	545,000
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**$ 30,000**	**$ 75,000**	**$ 75,000**	**$ 95,000**	**$ 45,000**	**$ 225,000**	**$ 545,000**

OPERATIONAL IMPACT

No additional operating costs are expected as a result of this project.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-			-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 039493 G
WWP003

PROJECT NAME	Potable Water Plant Renovations / Replacements	**Project Manager**	Miller/Beckman
DEPARTMENT	Public Utilities	**Original Plan Date**	March 1994
LOCATION	Water Plant, Remote PS, & Wells	**Concurrency Requirement**	Water

Goal / Objective: Goal 1 Objectives 1, 2 & 4

DESCRIPTION/JUSTIFICATION:

Maintenance of our water plant and storage tanks will extend their useful life.

PROJECT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Painting Cypress Head pump station &	-	-	-	-	-	50,000	50,000
Painting the Water Plant	-	-	-	-	75,000	-	75,000
Painting of three (3) ground storage	-	-	-	-	-	50,000	50,000
							-
Total:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 75,000**	**$ 100,000**	**$ 175,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction							-
Equipment	-	-	-	-	75,000	100,000	175,000
TOTAL PROJECT COSTS	**$ -**	**$ -**	**$ -**	**$ -**	**$ 75,000**	**$ 100,000**	**$ 175,000**

SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Water & Sewer Op Fund (401)	$ -	$ -	$ -	$ -	$ 75,000	$ 100,000	$ 175,000
Water Impact Fee Fund (405)	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	-	-	-	-	-	-	-
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**$ -**	**$ -**	**$ -**	**$ -**	**$ 75,000**	**$ 100,000**	**$ 175,000**

OPERATIONAL IMPACT

No additional operating costs are expected as a result of this project.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-			-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 039493 H
WWP003

PROJECT NAME	Potable Water Plant Renovations / Replacements	**Project Manager**	Miller/Beckman
DEPARTMENT	Public Utilities	**Original Plan Date**	March 1994
LOCATION	Water Plant, Remote PS, & Wells	**Concurrency Requirement**	Water

Goal / Objective: Goal 1 Objectives 1, 2 & 4

DESCRIPTION/JUSTIFICATION:

Due to normal usage, the softener drive units will need to be replaced.

PROJECT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Replace Softener (Flenders) Drive Units	-	-	-	40,000	-	-	40,000
Total:	**$ -**	**$ -**	**$ -**	**$ 40,000**	**$ -**	**$ -**	**$ 40,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction							-
Equipment	-	-	-	40,000	-	-	40,000
TOTAL PROJECT COSTS	**$ -**	**$ -**	**$ -**	**$ 40,000**	**$ -**	**$ -**	**$ 40,000**

SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer Op Fund (401)	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Water Impact Fee Fund (405)	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	-	-	-	40,000	-	-	40,000
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**$ -**	**$ -**	**$ -**	**$ 40,000**	**$ -**	**$ -**	**$ 40,000**

OPERATIONAL IMPACT

No additional operating costs are expected as a result of this project.

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-			-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 048922
SLS002

PROJECT NAME	Replace Existing Lift Stations	**Project Manager**	Troutman/Parnell
DEPARTMENT	Public Utilities	**Original Plan Date**	FY 1989
LOCATION	Citywide	**Concurrency Requirement**	N/A

Goal / Objective: Goal 1 Objectives 1, 2 & 4

DESCRIPTION/JUSTIFICATION:

Replacement of lift stations at the end of their useful life. Costs currently average $60,000 per station. TOTAL $60,000/Station with 20 year useful life requires replacing 6 LS/year; **$300,000 - 400,000 / yr.** We have targeted Halifax Estates, Vineyards, Sanctuary, Sabal Creek, Sterling Chase, and Spruce Creek High School for replacement in FY17. **Average age: 20-25 years**. To replace a lift station it includes pump station package, suction lines, valves, electrical panel, concrete, labor and equipment to install.

Pump Sta	$	40,000
Elec Panel	$	10,000
Labor	$	5,000
Misc	$	5,000
	$	60,000

PROJECT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
6 Various Pump Stations	360,000	-	-	-	-	-	360,000
6 Various Pump Stations	-	360,000	-	-	-	-	360,000
6 Various Pump Stations	-	-	360,000	-	-	-	360,000
6 Various Pump Stations	-	-	-	360,000	-	-	360,000
6 Various Pump Stations	-	-	-	-	360,000	-	360,000
6 Various Pump Stations	-	-	-	-	-	360,000	360,000
	$ 360,000	**$ 360,000**	**$ 360,000**	**$ 360,000**	**$ 360,000**	**$ 360,000**	**$ 2,160,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	-	-	-	-	-	-	-
Equipment	360,000	360,000	360,000	360,000	360,000	360,000	2,160,000
							-
TOTAL PROJECT COSTS	**$ 360,000**	**$ 360,000**	**$ 360,000**	**$ 360,000**	**$ 360,000**	**$ 360,000**	**$ 2,160,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Water & Sewer Op Fund (401)	$ 180,000	$ 180,000	$ 180,000	$ 180,000	$ 180,000	$ 180,000	$ 1,080,000
Water Impact Fee Fund (405)	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	180,000	180,000	180,000	180,000	180,000	180,000	1,080,000
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**$ 360,000**	**$ 360,000**	**$ 360,000**	**$ 360,000**	**$ 360,000**	**$ 360,000**	**$ 2,160,000**

OPERATIONAL IMPACT

Improved service and increased reliability will result from lift station replacements. With new equipment, reduced energy consumption is expected which will help slow increases in annual utility costs.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 049467A
URH001

PROJECT NAME	Sewer System Rehabilitation	**Project Manager**	Wilson/Gardiner
DEPARTMENT	Public Utilities	**Original Plan Date**	March 2015
LOCATION	Various Locations	**Concurrency Requirement**	Sewer

Goal / Objective: Goal 1 Objectives 1, 2 & 4

DESCRIPTION/JUSTIFICATION:

This multi-year rehab schedule is based on need highest to lowest per the 2015 Wade Trim I & I Study, sewer system rehabilitation is needed in these areas during this fiscal year. The planed scope of work will include the following:

1.) Sewer System Inspection
2.) Pipe, manholes, and wetwell cleaning
3.) Sewer pipe lining and pipeline replacement as required
4.) Manhole / wetwell rehabilitation and/or replacement
5.) Sewer lateral repair, lateral relining and/or replacement
6.) Sewer clean-out repair / replacement

PROJECT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Sanitary Sewer Collection System:	1,000,000	-	-	-	-	-	1,000,000
#101 Sea Bird Island							-
#70 Intracoastal Villas							-
#7 Family Worship Center							-
#41 Lamplighter							-
#5 Charles Street							-
#102 Coral Way							-
							-
TOTALS:	**$ 1,000,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,000,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	1,000,000	-	-	-	-	-	1,000,000
Equipment	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**$ 1,000,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,000,000**

PROPOSED SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer Op Fund (401)	$ 1,000,000	$ -	$ -	$ -	$ -	$ -	$ 1,000,000
Water Impact Fee Fund (405)	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)		-	-	-	-	-	-
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**$ 1,000,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,000,000**

OPERATIONAL IMPACT

Rehabilitation projects will improve overall reliability and reduce the capacity of unwanted water into the sewer plant. Reduced operating expenses are anticipated to occur due to this project. Reduction in pump station electrical costs, sewage treatment, overtime call-outs due to sewer back-ups, emergency call-outs due to pump stations at over capacity due to excess I & I , manhole collapses, and pipe failures.

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 049467 B
URH001

PROJECT NAME	Sewer System Rehabilitation	**Project Manager**	Wilson/Gardiner
DEPARTMENT	Public Utilities	**Original Plan Date**	March 2015
LOCATION	Various Locations	**Concurrency Requirement**	Sewer

Goal / Objective: Goal 1 Objectives 1, 2 & 4

DESCRIPTION/JUSTIFICATION:

This multi-year rehab schedule is based on need highest to lowest per the 2015 Wade Trim I & I Study, sewer system rehabilitation is needed in these areas during this fiscal year. The planed scope of work will include the following:

1.) Sewer System Inspection
2.) Pipe, manholes, and wetwell cleaning
3.) Sewer pipe lining and pipeline replacement as required
4.) Manhole / wetwell rehabilitation and/or replacement
5.) Sewer lateral repair, lateral relining and/or replacement
6.) Sewer clean-out repair / replacement

PROJECT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Sanitary Sewer Collection System:	-	1,000,000	-	-	-	-	1,000,000
#29 Maplewood							
#23 Cambridge Villas							
#76 Baywood							
#107 Deep Water Landing							-
#106 Ponce Inlet Master							-
#19 Beacon Woods							-
	-	-					-
TOTALS:	**$ -**	**$ 1,000,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$1,000,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	-	1,000,000	-	-	-	-	1,000,000
Equipment	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**$ -**	**$ 1,000,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$1,000,000**

PROPOSED SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer Op Fund (401)		$ 1,000,000	$ -	$ -	$ -	$ -	$1,000,000
Water Impact Fee Fund (405)	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	-		-	-	-	-	-
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**$ -**	**$ 1,000,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$1,000,000**

OPERATIONAL IMPACT

Rehabilitation projects will improve overall reliability and reduce the capacity of unwanted water into the sewer plant. Reduced operating expenses are anticipated to occur due to this project. Reduction in pump station electrical costs, sewage treatment, overtime call-outs due to sewer back-ups, emergency call-outs due to pump stations at over capacity due to excess I & I , manhole collapses, and pipe

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 049467 C
URH001

PROJECT NAME	Sewer System Rehabilitation	**Project Manager**	Wilson/Gardiner
DEPARTMENT	Public Utilities	**Original Plan Date**	March 2015
LOCATION	Various Locations	**Concurrency Requirement**	Sewer

Goal / Objective: Goal 1 Objectives 1, 2 & 4

DESCRIPTION/JUSTIFICATION:

This multi-year rehab schedule is based on need highest to lowest per the 2015 Wade Trim I & I Study, sewer system rehabilitation is needed in these areas during this fiscal year. The planed scope of work will include the following:

1.) Sewer System Inspection
2.) Pipe, manholes, and wetwell cleaning
3.) Sewer pipe lining and pipeline replacement as required
4.) Manhole / wetwell rehabilitation and/or replacement
5.) Sewer lateral repair, lateral relining and/or replacement
6.) Sewer clean-out repair / replacement

PROJECT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Sanitary Sewer Collection System:		-	1,000,000	-	-	-	1,000,000
#9 Halifax Estates							
#61 Altimira / Super Car Wash							
#14 Parkwood							
#11 Christiancy							
	-		-				-
TOTALS:	**$ -**	**$ -**	**$ 1,000,000**	**$ -**	**$ -**	**$ -**	**$ 1,000,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	-	-	1,000,000	-	-	-	1,000,000
Equipment	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**$ -**	**$ -**	**$ 1,000,000**	**$ -**	**$ -**	**$ -**	**$ 1,000,000**

PROPOSED SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer Op Fund (401)	$ -	$ -	$ 1,000,000	$ -	$ -	$ -	$ 1,000,000
Water Impact Fee Fund (405)	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	-	-	-	-	-	-	-
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**$ -**	**$ -**	**$ 1,000,000**	**$ -**	**$ -**	**$ -**	**$ 1,000,000**

OPERATIONAL IMPACT

Rehabilitation projects will improve overall reliability and reduce the capacity of unwanted water into the sewer plant. Reduced operating expenses are anticipated to occur due to this project. Reduction in pump station electrical costs, sewage treatment, overtime call-outs due to sewer back-ups, emergency call-outs due to pump stations at over capacity due to excess I & I , manhole collapses, and pipe failures.

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 049467 D
URH001

PROJECT NAME	Sewer System Rehabilitation	**Project Manager**	Wilson/Gardiner
DEPARTMENT	Public Utilities	**Original Plan Date**	March 2015
LOCATION	Various Locations	**Concurrency Requirement**	Sewer

Goal / Objective: Goal 1 Objectives 1, 2 & 4

DESCRIPTION/JUSTIFICATION:

This multi-year rehab schedule is based on need highest to lowest per the 2015 Wade Trim I & I Study, sewer system rehabilitation is needed in these areas during this fiscal year. The planed scope of work will include the following:

1.) Sewer System Inspection
2.) Pipe, manholes, and wetwell cleaning
3.) Sewer pipe lining and pipeline replacement as required
4.) Manhole / wetwell rehabilitation and/or replacement
5.) Sewer lateral repair, lateral relining and/or replacement
6.) Sewer clean-out repair / replacement

PROJECT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Sanitary Sewer Collection System:				1,000,000			1,000,000
#88 Coraci / Plantation #2							
#30 Ravenwood							
#82 Lowes / Gateway							
#8 Cypress Head #2							
	-			-			-
							-
TOTALS:	**$ -**	**$ -**	**$ -**	**$ 1,000,000**	**$ -**	**$ -**	**$ 1,000,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	-	-	-	1,000,000	-	-	1,000,000
Equipment	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**$ -**	**$ -**	**$ -**	**$ 1,000,000**	**$ -**	**$ -**	**$ 1,000,000**

PROPOSED SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer Op Fund (401)	$ -	$ -	$ -	$ 1,000,000	$ -	$ -	$ 1,000,000
Water Impact Fee Fund (405)	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	-	-	-	-	-	-	-
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**$ -**	**$ -**	**$ -**	**$ 1,000,000**	**$ -**	**$ -**	**$ 1,000,000**

OPERATIONAL IMPACT

Rehabilitation projects will improve overall reliability and reduce the capacity of unwanted water into the sewer plant. Reduced operating expenses are anticipated to occur due to this project. Reduction in pump station electrical costs, sewage treatment, overtime call-outs due to sewer back-ups, emergency call-outs due to pump stations at over capacity due to excess I & I , manhole collapses, and pipe

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 049467 E
URH001

PROJECT NAME	Sewer System Rehabilitation	**Project Manager**	Wilson/Gardiner
DEPARTMENT	Public Utilities	**Original Plan Date**	March 2015
LOCATION	Various Locations	**Concurrency Requirement**	Sewer

Goal / Objective: Goal 1 Objectives 1, 2 & 4

DESCRIPTION/JUSTIFICATION:

This multi-year rehab schedule is based on need highest to lowest per the 2015 Wade Trim I & I Study, sewer system rehabilitation is needed in these areas during this fiscal year. The planed scope of work will include the following:

1.) Sewer System Inspection
2.) Pipe, manholes, and wetwell cleaning
3.) Sewer pipe lining and pipeline replacement as required
4.) Manhole / wetwell rehabilitation and/or replacement
5.) Sewer lateral repair, lateral relining and/or replacement
6.) Sewer clean-out repair / replacement

PROJECT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Sanitary Sewer Collection System:					1,000,000	-	1,000,000
#62 Anglers							-
#39 Nova / Herbert							-
							-
	-				-		-
							-
							-
TOTALS:	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,000,000**	**$ -**	**$ 1,000,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction		-	-	-	1,000,000	-	1,000,000
Equipment							-
TOTAL PROJECT COSTS	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,000,000**	**$ -**	**$ 1,000,000**

PROPOSED SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer Op Fund (401)		$ -	$ -	$ -	$ 1,000,000	$ -	$ 1,000,000
Water Impact Fee Fund (405)	-	.	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	-	-	-	-		-	-
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,000,000**	**$ -**	**$ 1,000,000**

OPERATIONAL IMPACT

Rehabilitation projects will improve overall reliability and reduce the capacity of unwanted water into the sewer plant. Reduced operating expenses are anticipated to occur due to this project. Reduction in pump station electrical costs, sewage treatment, overtime call-outs due to sewer back-ups, emergency call-outs due to pump stations at over capacity due to excess I & I , manhole collapses, and pipe

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 049467 F
URH001

PROJECT NAME	Sewer System Rehabilitation	**Project Manager**	Wilson/Gardiner
DEPARTMENT	Public Utilities	**Original Plan Date**	March 2015
LOCATION	Various Locations	**Concurrency Requirement**	Sewer

Goal / Objective: Goal 1 Objectives 1, 2 & 4

DESCRIPTION/JUSTIFICATION:

This multi-year rehab schedule is based on need highest to lowest per the 2015 Wade Trim I & I Study, sewer system rehabilitation is needed in these areas during this fiscal year. The planed scope of work will include the following:

1.) Sewer System Inspection
2.) Pipe, manholes, and wetwell cleaning
3.) Sewer pipe lining and pipeline replacement as required
4.) Manhole / wetwell rehabilitation and/or replacement
5.) Sewer lateral repair, lateral relining and/or replacement
6.) Sewer clean-out repair / replacement

PROJECT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Sanitary Sewer Collection System:						1,000,000	1,000,000
#58 City Hall							-
#87 Whispering Woods							-
#10 Nixion/Biro							-
	-						-
							-
							-
TOTALS:	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,000,000**	**$ 1,000,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction		-	-	-	-	1,000,000	1,000,000
Equipment							-
TOTAL PROJECT COSTS	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,000,000**	**$ 1,000,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Water & Sewer Op Fund (401)		$ -	$ -	$ -	$ -	$ 1,000,000	$ 1,000,000
Water Impact Fee Fund (405)	-	.	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	-	-	-	-	-		-
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,000,000**	**$ 1,000,000**

OPERATIONAL IMPACT

Rehabilitation projects will improve overall reliability and reduce the capacity of unwanted water into the sewer plant. Reduced operating expenses are anticipated to occur due to this project. Reduction in pump station electrical costs, sewage treatment, overtime call-outs due to sewer back-ups, emergency call-outs due to pump stations at over capacity due to excess I & I , manhole collapses, and pipe

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 200304
URL007

PROJECT NAME	Utility Coordination and Relocation	**Project Manager**	Neff/Schumann
DEPARTMENT	Public Utilities	**Original Plan Date**	FY 2002
LOCATION	Citywide	**Concurrency Requirement**	N/A

Goal / Objective: Goal 1 Objectives 1, 2 & 4

DESCRIPTION/JUSTIFICATION:

Engineering and construction coordination with FDOT and Volusia County for miscellaneous roadway and sidewalk construction projects requiring survey work and subsequent minor utility adjustment of valves, boxes, manholes, and potential utility relocation. This will extend the useful life beyond one year. Projects under consideration are as follows:

Location	From	To	Description	Year	Agency	Comments
Mast Arm signs & sign Intersection Modifications	Locations TBD		Cnflct footers	unknown	FDOT & VolCo	Not programmed
Pioneer Tr	Tomoka Farms to I-95		TrnLn/Signal	unknown	Volusia County	Not programmed
Misc. Sidewalk Impv.	Various Locations		Sidewalks	Various	FDOT / Volusia County	Found in 5 year Plans

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 150,000
Construction	-	-	-	-	-	-	-
Equipment	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**$ 25,000**	**$ 25,000**	**$ 25,000**	**$ 25,000**	**$ 25,000**	**$ 25,000**	**$ 150,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Water & Sewer Op Fund (401)	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 150,000
Water Impact Fee Fund (405)	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	-	-	-	-	-	-	-
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**$ 25,000**	**$ 25,000**	**$ 25,000**	**$ 25,000**	**$ 25,000**	**$ 25,000**	**$ 150,000**

OPERATIONAL IMPACT

No additional operating costs are expected as a result of this project.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 200546 A
ZMI044

Project Name: Meter Replacement Program
Department: Public Utilities
Location: Citywide
Project Manager: Wilson/Gardiner
Original Plan Date: 2/18/2013
Concurrency Requirement:

Goal / Objective: Goal 1 Objectives 2 & 4

DESCRIPTION / JUSTIFICATION:

This is a multi year plan to upgrade all the city's water, irrigation and reclaimed meters also to get all meters on the FlexNet reading system. The overall cost is about 7 million dollars and would take approx. 10 years to complete the 36,000 meters in our system. FY14 started with the replacement of 4500 mxu's and touch reads still in the system so that we may have a more consistent reading system and replace meters where needed. From FY15- FY25 we would be replacing all Sensus meter and Radio Reads/Touch Reads, where needed at approx. 4500 a year. After correcting radio reads, 12,000 touch reads will become priority.

Items/ Services		FY17	FY18	FY19	FY20	FY21	FY22	Total
Mtr/Rgstr Cost	$90.00 EA (4500)	405,000	405,000	405,000	-	-	-	1,215,000
FlexNet Cost	$135 Dbl/ $125 Sng (2300)	310,500	310,500	310,500	-	-	-	931,500
Gel caps/Expanders- $100 per 1000/ $10 ea		45,000	45,000	45,000	-	-	-	135,000
Software Upgrade		-	-	-	56,000	-	-	56,000
Tower Upgrade		-	-	-	60,000	-	-	60,000
Replacement Cycles to start		-	-	-	100,000	100,000	100,000	300,000
Subtotal Matl, Hardware, Software Cost		**$ 760,500**	**$ 760,500**	**$ 760,500**	**$ 216,000**	**$ 100,000**	**$ 100,000**	**$ 2,697,500**
Overtime Requirement		112,500	112,500	112,500	-	-	-	337,500
TOTAL Matl, Hardware, Sftwr, & LABOR		**$ 873,000**	**$ 873,000**	**$ 873,000**	**$ 216,000**	**$ 100,000**	**$ 100,000**	**$ 3,035,000**

FY17 - 4500 touch read replacements
FY18 - 4500 touch read replacements
FY19 - 4500 touch read replacements
FY20 - Town and Software upgrades, cycle replacement to start
FY21 - 22 - Cycle Replacement

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction						-	
Equipment	873,000	873,000	873,000	216,000	100,000	100,000	3,035,000
TOTAL PROJECT COSTS	**$ 873,000**	**$ 873,000**	**$ 873,000**	**$ 216,000**	**$ 100,000**	**$ 100,000**	**$ 3,035,000**

PROPOSED SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer Op Fund (401)	$ 873,000	$ 873,000	$ 873,000	$ 216,000	$ 100,000	$ 100,000	$ 3,035,000
Water Impact Fee Fund (405)	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	-	-	-	-	-	-	-
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**$ 873,000**	**$ 873,000**	**$ 873,000**	**$ 216,000**	**$ 100,000**	**$ 100,000**	**$ 3,035,000**

OPERATIONAL IMPACT

No additional operating costs are expected as a result of this project

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	Total
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	Total
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 200546 B
ZMI044

Project Name:	Master Meter Replacement Program	**Project Manager:**	Wilson/Gardiner
Department:	Public Utilities	**Original Plan Date:**	10/1/2016
Location:	Citywide	**Concurrency Requirement:**	

Goal / Objective: Goal 1 Objectives 2 & 4

DESCRIPTION / JUSTIFICATION:

Program	Location:	FY17	FY18	FY19	FY20	FY21	FY22	Total
Master Meter Installation - New	Tanglewood	100,000	-	-	-	-	-	100,000
Replacement Master Meter	Lamplighter	-	50,000	-	-	-	-	50,000
Replacement Master Meter	Tresure Isle	-	-	50,000	-	-	-	50,000
Replacement Master Meter	Seabird Island	-	-	-	50,000	-	-	50,000
Replacement Master Meter	Colony in the Woods	-	-	-	-	50,000	-	50,000
Replacement Master Meter	Ashton Point	-	-	-	-	-	50,000	50,000
		$ 100,000	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 350,000**

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction						-	
Equipment	100,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	350,000
TOTAL PROJECT COSTS	**$ 100,000**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 350,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Water & Sewer Op Fund (401)	$ 100,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 350,000
Water Impact Fee Fund (405)	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	-	-	-	-	-	-	-
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**$ 100,000**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 50,000**	**$ 350,000**

OPERATIONAL IMPACT

No additional operating costs are expected as a result of this project

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**Total**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**Total**
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201051
Not assigned

PROJECT NAME	Taylor Road Improvements	**Project Manager**	Neff/Schumann
DEPARTMENT	Public Utilities	**Original Plan Date**	1/1/2009
LOCATION	Taylor Rd (SumTrees to Tomoka Farms Rd)	**Concurrency Requirement**	N/A

Goal / Objective: Goal 1 Objectives 1, 2 & 4

DESCRIPTION/JUSTIFICATION:

Volusia County initiated roadway widening and associated drainage improvements requiring utility adjustments. Project currently not contained in the Volusia County 5 year Road Plan. $ 1.6 million originally estimated in 2009. Design for this Utility Relocation Project completed in 2009 .

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	-	-		-		1,600,000	1,600,000
Equipment	-	-	-	-	-	-	-
							-
							-
TOTAL PROJECT COSTS	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$1,600,000**	**$ 1,600,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Water & Sewer Op Fund (401)	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Water Impact Fee Fund (405)	-	-	-	-	-	400,000	400,000
Sewer Impact Fee Fund (405)	-	-	-	-	-	400,000	400,000
Water & Sewer R&R Fund (403)	-	-	-	-	-	800,000	800,000
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$1,600,000**	**$ 1,600,000**

OPERATIONAL IMPACT

Additional operating cost would be based on future pipe lines to be constructed.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-			-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Water & Sewer O&M Fund (401)	**-**	-	-			-	-
	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 038966
SSP010

Project Name:	Wastewater Treatment Plant Cleaning	**Project Manager:**	Troutman/Parnell
Department:	Public Utilities	**Original Plan Date:**	03/01/15
Location:	RWP	**Concurrency Requirement:**	

Goal / Objective: Goal 1 Objectives 1, 2 & 4

DESCRIPTION / JUSTIFICATION:

Cleaning Grit, Sand and Rags from Four Master Lift Stations, Three Digesters and 30 Tank Zones in the A/O Structure.

	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Cleaning of digesters	-			80,000	-	80,000	160,000
Cleaning of the Anaerobic-Anoxic Oxic structure tankage (A/O)	-			200,000	-	200,000	400,000
Total:	**$ -**	**$ -**	**$ -**	**$ 280,000**	**$ -**	**$ 280,000**	**$ 560,000**

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	-	-	-	-	-	-	-
Professional Services	-	-	-	280,000	-	280,000	560,000
Equipment	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**$ -**	**$ -**	**$ -**	**$ 280,000**	**$ -**	**$ 280,000**	**$ 560,000**

PROPOSED SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer Op Fund (401)	$ -	$ -	$ -	$ 200,000	$ -	$ 200,000	$ 400,000
Water Impact Fee Fund (405)	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	-	-	-	80,000	-	80,000	160,000
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**$ -**	**$ -**	**$ -**	**$ 280,000**	**$ -**	**$ 280,000**	**$ 560,000**

OPERATIONAL IMPACT

No additional operating costs are expected as a result of this project.

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201653

AIO004

Project Name:	Riverwalk Utilities	**Project Manager:**	Neff
Department:	Public Utilities	**Original Plan Date:**	03/01/15
Location:	Ridgewood / Oceans Ave.	**Concurrency Requirement:**	

Goal / Objective: Goal 1 Objectives 1 & 4

DESCRIPTION / JUSTIFICATION:

Utility improvements / replacements / upgrades along the east side of Ridgewood Avenue north of Oceans Avenue. Extension of reclaimed line from Dunlawton to Developer installed irrigation system

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	-	-	225,000	-	-	-	225,000
Equipment	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**-**	**-**	**225,000**	**-**	**-**	**-**	**$ 225,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Water & Sewer Op Fund (401)	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Water Impact Fee Fund (405)	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	225,000	-	-	-	225,000
Water & Sewer R&R Fund (403)	-	-	-	-	-	-	-
Future Grant/Bonds	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**-**	**-**	**225,000**	**-**	**-**	**-**	**$ 225,000**

OPERATIONAL IMPACT

No additional operating costs are expected as a result of this project.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

LEASE AND REPLACEMENT FUND
FLEET REPLACEMENT SCHEDULE - Public Utilities

VEH #	MAKE	DESCRIPTION	YEAR	FY17	FY18	FY19	FY20	FY21	FY22
0200 WATER PRODUCTION									
1733	STERLING	18 YD DUMP TRUCK	2005	-	-	-	-	-	-
1734	STERLING	18 YD DUMP TRUCK	2005	-	-	-	-	-	-
8604	CAT 420E	BACKHOE	2006	-	-	-	-	80,000	-
20??	FORD	ESCAPE	2016	-	-	-	-	-	-
20??	NISSAN	FRONTIER	2016	-	-	-	-	-	-
		SUB TOTAL - Water Production		**-**	**-**	**-**	**-**	**80,000**	**-**
0400 WASTEWATER									
1660	Ford	TRACTOR (SEMI)	1986	40,000	-	-	-	-	-
1691	FORD	F250 W/3200LB CRANE	2015	43,000	-	-	-	-	-
1751	CHEVY	COLORADO 4X2 PICKUP	2006	30,000	-	-	-	-	-
2068	CHEVY	SILVERADO 4X4 PICKUP	2015	-	-	-	-	-	-
2077	FORD	F250 W/3200LB CRANE	2015	-	-	-	-	-	-
2078	FORD	F250 W/3200LB CRANE	2015	-	-	-	-	-	-
2090	FORD	F450 W/5000LB CRANE	2015	-	-	-	-	-	-
2094	FORD	F150 4X4	2016	-	-	-	-	-	-
		SUB TOTAL - Wastewater		**113,000**	**-**	**-**	**-**	**-**	**-**
0500 METER READERS									
1609	CHEVY	S10 BLAZER	2002	20,000	-	-	-	-	-
1641	FORD	RANGER PICKUP	2003	-	-	24,000	-	-	-
1644	FORD	RANGER PICKUP	2003	-	-	24,000	-	-	-
1813	CHEVY	COLORADO PICKUP	2008	-	22,000	-	-	-	-
1870	CHEVY	COLORADO PICKUP	2011	-	-	-	-	18,000	-
2055	CHEVY	Silverado Pickup	2015	-	-	-	-	-	-
2056	CHEVY	Silverado Pickup	2015	-	-	-	-	-	-
2095	FORD	F150 PICKUP	2016	-	-	-	-	-	-
2096	FORD	F150 PICKUP	2016	-	-	-	-	-	-
		SUB TOTAL - Meter Readers		**20,000**	**22,000**	**48,000**	**-**	**18,000**	**-**
0600 PUBLIC UTILITIES MAINTENANCE									
1666	FORD	RANGER PICKUP	2004	-	20,000	-	-	-	-
1858	FORD	F350 UTILITY	2010	-	-	-	40,000	-	-
2010	CHEVY	2500HD 4X4 UTILITY	2013	-	-	-	-	-	-
2017	TOYOTA	TACOMA 4X4 PICKUP	2013	-	-	-	-	-	-
2018	TOYOTA	TACOMA 4X4 PICKUP	2013	-	-	-	-	-	-
2082	CHEVY	1500 EXPRESS CARGO VAN	2015	-	-	-	-	-	-
20??	FORD	F150 4X2 PICKUP	2016	-	-	-	-	-	-
		SUB TOTAL - Public Utilities Maintenance		**-**	**20,000**	**-**	**40,000**	**-**	**-**

LEASE AND REPLACEMENT FUND
FLEET REPLACEMENT SCHEDULE - Public Utilities

VEH #	MAKE	DESCRIPTION	YEAR	FY17	FY18	FY19	FY20	FY21	FY22
0800 WATER DISTRIBUTION									
1382	FORD	94 SLUDGE TRUCK (REFURB)	2012	-	-	-	-	-	-
1601T	STERLING	LT7500 VACCON Truck	2002						
1601P	STERLING	VACCON Pump	2002						
1753	CHEVY	COLORADO PICKUP	2006	20,000	-	-	-	-	-
1857	FORD	F550 CAMERA TRUCK	2010	-	-	-	-	-	-
1859	INTERNATIONAL	DURASTAR 5 YD. DUMP	2010	-	-	-	-	-	-
1872	CHEVY	COLORADO PICKUP	2012	-	-	-	-	-	18,000
1886	INTERNATIONAL	NAVISTAR VACCON TRUCK	2013	-	-	-	-	-	-
2005	CHEVY	2500HD UTILITY	2013	-	-	-	-	-	-
2006	TOWMASTER	TRAILER (EXCAVATOR)	2013	-	-	-	-	-	-
2007	CHEVY	2500HD UTILITY	2013	-	-	-	-	-	-
2008	CHEVY	2500HD UTILITY	2013	-	-	-	-	-	-
2035	FORD	TRANSIT CARGO VAN	2013	-	-	-	-	-	-
2069	FORD	F350 UTILITY	2015	-	-	-		-	-
2070	FORD	F250 UTILITY W/ LIFTGATE	2015	-	-	-		-	-
2071	FORD	F250 UTILITY W/ LIFTGATE	2015	-	-	-	-	-	-
2080	FORD	F250 UTILITY W/ LIFTGATE	2015	-	-	-	-	-	-
8213	DRAGGIN	DUMP TRAILER	2005				75,000		
8296	JOHN DEERE	310SG BACKHOE	2005	-	-	-	75,000	-	-
8404	THOMPSON	6 INCH PUMP	2005	-	-	-	-	-	-
8405	THOMPSON	6 INCH PUMP	2005	-	-	-	-	-	-
8406	THOMPSON	6 INCH PUMP	2005	-	-	-	-	-	-
9307	VACTRON	LP555DT VACCUM PUMP	2012	-	-	-	-	-	-
9409	CATERPILLER	305E BACKHOE	2013	-	-	-	-	-	-
9609	BIG TEX	DUMP TRAILER	2013	-	-	-	-	-	-
9662	WACHS	VALVE EXERCISING MACHINE/TRLR	2015	-	-	-	-	-	-
20??	FORD	EXPLORER SUV	2017	-	-	-	-	-	-
20??	FORD	F250 UTILITY	2016	-	-	-	-	-	-
20??	FORD	F250 UTILITY CREWCAB	2016	-	-	-	-	-	-
20??	FORD	F250 UTILITY W/TOMMYGATE	2016	-	-	-	-	-	-
		SUB TOTAL - Water Distribution		**20,000**	**-**	**-**	**150,000**	**-**	**18,000**
0824 LABORATORY OPERATIONS									
20??	NISSAN	FRONTIER PICKUP	2005	-	-	-	-	-	-
20??	NISSAN	FRONTIER PICKUP	2005	-	-	-	-	-	-
		SUB TOTAL - Laboratory Operations		**-**	**-**	**-**	**-**	**-**	**-**
0900 PUBLIC UTILITIES ADMINISTRATION									
1873	CHEVY	COLORADO PICKUP	1998	-	-	-	-	-	18,000
2099	FORD	F150	2016	-	-	-	-	-	
20??	NISSAN	FRONTIER 4X4	2003	-	-	-	-	-	-
20??	FORD	FUSION SEDAN	2004	-	-	-	-	-	-
		SUB TOTAL - Public Utilities Administration		**-**	**-**	**-**	**-**	**-**	**18,000**
0901 WAREHOUSE									
5180	Nissan	FORKLIFT	1993	-	-	-	-	-	-
8284	Nissan	FORKLIFT	2005	-	-	-	-	-	-
		SUB TOTAL - Warehouse		**-**	**-**	**-**	**-**	**-**	**-**
		TOTAL - PUBLIC UTILITIES		**153,000**	**42,000**	**48,000**	**190,000**	**98,000**	**36,000**

Operational Impact: No additional operating costs are expected from this routine replacement of fleet vehicles.

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Public Works

FY17 – FY22 CIP Request

Draft 2

06/14/16

(in thousands)

Public Works

#	Project	Department	Funding Status	Funding Source	FY17	FY18	FY19	FY20	FY21	FY22	Total	Pg. #
430102	Resurface Parking Lots at City Facilities A through F	Public Works	Funded	317	-	-	-	145	65	-	210	155-159
	Resurface Parking Lots at City Facilities A through F	Public Works	Funded	106	-	-	-	-	62	-	62	
430201	Road Resurfacing and Reconstruction	Public Works	Funded	301 (Restricted)	748	-	-	-	-	-	748	160
201698	Replace HVAC Controller at City Hall	Public Works	Funded	317	220	-	-	-	-	-	220	161
201750	DPW Administration Building Exterior & Interior Renovation	Public Works	Funded	317	422	-	-	-	-	-	422	162
201751	City Hall Light Sensors	Public Works	Funded	506	37	-	-	-	-	-	37	163
201752	Automatic Vehicle and Equipment Wash System	Public Works	Unfunded	317	-	429	-	-	-	-	429	164
201753	City Hall ADA Improvements	Public Works	Funded	317	20	-	-	-	-	-	20	165
	City Hall ADA Improvements	Public Works	Unfunded	317		75	75				150	
201754	Wood Shop Rebuild	Public Works	Unfunded	317	-	64	-	-	-	-	64	166
201755	Replace Bay Doors FS 73	Public Works	Funded	506	31	-	-	-	-	-	31	167
201756	City Cntr Complex Landscape	Public Works	Funded	317	650	-	-	-	-	-	650	168
Fleet	Veh Rplcmnt - Pub Works	Public Works	Funded	505	111	197	109	-	46	155	618	169-170
Fleet	Veh Rplcmnt - Bldg Maint	Public Works	Funded	505	47	22	-	-	-	-	69	
Fleet	Veh Rplcmnt - Veh Maint	Public Works	Funded	505	50	20	-	45	-	-	115	
Fleet	Veh Rplcmnt - Solid Waste	Public Works	Funded	505	-	-	-	-	-	-	-	
	Total Public Works - All:				**2,336**	**807**	**184**	**190**	**173**	**155**	**3,845**	
	Public Works - Funded:				**2,336**	**239**	**109**	**190**	**173**	**155**	**3,202**	
	Public Works - Unfunded:				**-**	**568**	**75**	**-**	**-**	**-**	**643**	
	Public Works - Contingent Proposed:				**-**	**-**	**-**	**-**	**-**	**-**	**-**	
	Total Public Works - All:				**2,336**	**807**	**184**	**190**	**173**	**155**	**3,845**	

Fund Legend:

001 General Fund	301 Capital Projects (Gas Tax)	401 W/S Operating	412 Drainage
106 Recreation Facilities (YMCA)	312 Transp. Impact Fee	403 W/S R&R	450 Golf Course
109 Building Special Revenue	317 General Capital	405 W/S Impact Fee	505 Lease & Replacement
			506 Building Maintenance

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 430102A

PROJECT NAME	Resurface Parking Lot at All Children's Park	**Project Manager:**	Barnes/Dixon
DEPARTMENT	Public Works	**Original Plan Date:**	February 28, 2000
LOCATION	All Children's Park	**Concurrency Requirement:**	N/A

Goal / Objective: Goal 1 Objective 4

DESCRIPTION/JUSTIFICATION:

Parking Lot	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
All Children's Park		-	-	25,725	-	-	25,725
Totals:	**-**	**-**	**-**	**25,725**		**-**	**25,725**
Additional 5% Striping Allowance:		-	-	1,286		-	1,286
	-	**-**	**-**	**27,011**	**-**	**-**	**27,011**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-
Construction	-	-	-	25,725		-	25,725
Striping / Retro-Reflective Markers	-	-	-	1,286		-	1,286
TOTAL PROJECT COSTS	**-**	**-**	**-**	**27,011**	**-**	**-**	**27,011**

PROPOSED SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Capital Projects Fund 301 - (not eligible)	-	-	-	-	-	-	-
YMCA R&R Fund 106	-	-	-	-	-	-	-
General Capital Fund 317 - Funded	-	-	-	27,011	-	-	27,011
TOTAL PROJECT REVENUE	**-**	**-**	**-**	**27,011**	**-**	**-**	**27,011**

OPERATIONAL IMPACT

None - work to be performed by contractors.

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)			-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
General Operating - Public Works 001-4300	**-**	**-**	-	-	-	-	-
	-	**-**	**-**	**-**	**-**	**-**	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 430102B

PROJECT NAME	Resurface Parking Lot at Causeway Park	**Project Manager:**	Barnes/Dixon
DEPARTMENT	Public Works	**Original Plan Date:**	February 28, 2000
LOCATION	Causeway Park	**Concurrency Requirement:**	N/A

Goal / Objective: Goal 1 Objective 4

DESCRIPTION/JUSTIFICATION:

Parking Lot	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Causeway Park		-	-	112,148		-	112,148
Totals:	**-**	**-**	**-**	**112,148**		**-**	**112,148**
Additional 5% Striping Allowance:		-	-	5,607		-	5,607
	-	**-**	**-**	**117,755**	**-**	**-**	**117,755**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-
Construction	-	-	-	112,148		-	112,148
Striping / Retro-Reflective Markers	-	-	-	5,607		-	5,607
TOTAL PROJECT COSTS	**-**	**-**	**-**	**117,755**	**-**	**-**	**117,755**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Capital Projects Fund 301 - (not eligible)	-	-	-	-	-	-	-
YMCA R&R Fund 106	-	-	-	-	-	-	-
General Capital Fund 317 - Funded	-	-	-	117,755	-	-	117,755
TOTAL PROJECT REVENUE	**-**	**-**	**-**	**117,755**	**-**	**-**	**117,755**

OPERATIONAL IMPACT

None - work to be performed by contractors.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)			-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - Public Works 001-4300	**-**	**-**	-	-	-	-	-
	-	**-**	-	**-**	**-**	**-**	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 430102D

PROJECT NAME	Resurface Parking Lot at Fire Station #2	**Project Manager:**	Barnes/Dixon
DEPARTMENT	Public Works	**Original Plan Date:**	February 28, 2000
LOCATION	Fire Station #2	**Concurrency Requirement:**	N/A

Goal / Objective: Goal 1 Objective 4

DESCRIPTION/JUSTIFICATION:

Parking Lot	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Fire Station #2	-	-	-	-	8,751	-	8,751
Totals:	**-**	**-**	**-**	**-**	**8,751**	-	**8,751**
Additional 5% Striping Allowance:		-	-	-	438		438
	-	**-**	**-**	**-**	**9,189**	**-**	**9,189**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-
Construction	-	-	-	-	8,751		8,751
Striping / Retro-Reflective Markers	-	-	-	-	438		438
TOTAL PROJECT COSTS	**-**	**-**	**-**	**-**	**9,189**	**-**	**9,189**

PROPOSED SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Capital Projects Fund 301 - (not eligible)	-	-	-	-	-	-	-
YMCA R&R Fund 106	-	-	-	-	-	-	-
General Capital Fund 317 - Funded	-	-	-	-	9,189	-	9,189
TOTAL PROJECT REVENUE	**-**	**-**	**-**	**-**	**9,189**	**-**	**9,189**

OPERATIONAL IMPACT

None - work to be performed by contractors.

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)			-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
General Operating - Public Works 001-4300	**-**	**-**	-	-	-	-	-
	-	**-**	**-**	**-**	**-**	**-**	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 430102E

PROJECT NAME	Resurface Parking Lot at YMCA	**Project Manager:**	Barnes/Dixon
DEPARTMENT	Public Works	**Original Plan Date:**	February 28, 2000
LOCATION	YMCA	**Concurrency Requirement:**	N/A

Goal / Objective: Goal 1 Objective 4

DESCRIPTION/JUSTIFICATION:

Parking Lot	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
YMCA**	-	-	-	-	59,138		59,138
Totals:	**-**	**-**	**-**	**-**	**59,138**		**59,138**
Additional 5% Striping Allowance:	-	-	-	-	2,957		2,957
	-	**-**	**-**	**-**	**62,095**	**-**	**62,095**

**The City handles the paving but the YMCA funds it through their rental payment. This was scheduled to be completed in FY14 (project QPC047) but all of the funding was moved to project QPC056 to resurface the pool deck. The cost estimate was $59,138.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-
Construction	-	-	-	-	59,138		59,138
Striping / Retro-Reflective Markers	-	-	-	-	2,957		2,957
TOTAL PROJECT COSTS	**-**	**-**	**-**	**-**	**62,095**	**-**	**62,095**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Capital Projects Fund 301 - (not eligible)	-	-	-	-	-	-	-
YMCA R&R Fund 106	-	-	-	-	62,095	-	62,095
General Capital Fund 317 - Funded	-	-	-	-		-	-
TOTAL PROJECT REVENUE	**-**	**-**	**-**	**-**	**62,095**	**-**	**62,095**

OPERATIONAL IMPACT

None - work to be performed by contractors.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)			-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - Public Works 001-4300	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 430102F

PROJECT NAME	Resurface Parking Lot at City Center Athletic Complex	**Project Manager:**	Barnes/Dixon
DEPARTMENT	Public Works	**Original Plan Date:**	February 28, 2000
LOCATION	City Center Athletic Complex	**Concurrency Requirement:**	N/A

Goal / Objective: Goal 1 Objective 4

DESCRIPTION/JUSTIFICATION:

Parking Lot	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
City Center Athletic Complex	-	-	-	-	52,286		52,286
Totals:	**-**	**-**	**-**	**-**	**52,286**		**52,286**
Additional 5% Striping Allowance:		-	-	-	2,614		2,614
	-	**-**	**-**	**-**	**54,900**	**-**	**54,900**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-
Construction	-	-	-	-	52,286		52,286
Striping / Retro-Reflective Markers	-	-	-	-	2,614		2,614
TOTAL PROJECT COSTS	**-**	**-**	**-**	**-**	**54,900**	**-**	**54,900**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Capital Projects Fund 301 - (not eligible)	-	-	-	-	-	-	-
YMCA R&R Fund 106	-	-	-	-	-	-	-
General Capital Fund 317 - Funded	-	-	-	-	54,900	-	54,900
TOTAL PROJECT REVENUE	**-**	**-**	**-**	**-**	**54,900**	**-**	**54,900**

OPERATIONAL IMPACT

None - work to be performed by contractors.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)			-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - Public Works 001-4300	**-**	**-**	-	-	-	-	-
	-	**-**	**-**	-	**-**	**-**	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 430201

PROJECT NAME	Road Resurfacing and Reconstruction	**Project Manager:**	Silvey/Barnes/Dixon
DEPARTMENT	Public Works	**Original Plan Date:**	February 26, 2001
LOCATION	Various Locations	**Concurrency Requirement:**	Transportation

Goal / Objective: Goal 1 Objectives 2

DESCRIPTION/JUSTIFICATION:

Multi Year Reconstruction Program
Striping & Markers

Areas to be Paved in FY17:

Ashley Cir	Oxford Way
Wendam	Pineland
Aston Ln.	Niver
Mossy Oak	Roberts
Geiger Ct	Taylor
Kingswood	Rogers
Chelsea Way	
Yorks Way	

Areas to be Paved in FY18:

Note 1: This program covers sub-divisions and miscellaneous roads throughout the City.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-
Construction	650,000						650,000
Striping / Retro-Reflective Markers	97,500						97,500
TOTAL PROJECT COSTS	**747,500**	**-**	**-**	**-**	**-**	**-**	**747,500**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Capital Projects Fund 301 - Gas Tax Restricted	747,500	-	-	-	-	-	747,500
TOTAL PROJECT REVENUE	**747,500**	**-**	**-**	**-**	**-**	**-**	**747,500**

OPERATIONAL IMPACT

In-house inspection of project

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues			-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)			-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - Public Works 001-4300	**-**	**-**	-	-	-	-	-
	-	**-**	**-**	**-**	**-**	**-**	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201698

Project Name:	Replace HVAC Controller at City Hall	**Project Manager:**	Mike Silvey
Department:	Public Works	**Original Plan Date:**	04/01/15
Location:	City Hall	**Concurrency Requirement:**	

Goal / Objective:

DESCRIPTION / JUSTIFICATION:

The HVAC IBM Web Based Controller has become obsolete and is in need of replacement. Recommend replacing with Trane Tracer SC BAS web based controller unit.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	10,000	-	-	-	-	-	10,000
Construction	12,000	-	-	-	-	-	12,000
Equipment	178,043	-	-	-	-	-	178,043
10% Contingency	20,004	-	-				20,004
TOTAL PROJECT COSTS	**220,047**	**-**	**-**	**-**	**-**	**-**	**220,047**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Capital Fund 317	220,047	-		-	-	-	220,047
General Fund 001	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**220,047**	**-**	**-**	**-**	**-**	**-**	**220,047**

OPERATIONAL IMPACT

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Fund 001	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201750

Project Name:	DPW Administration Building Exterior & Interior Renovation	**Project Manager:**	Frank Flagg
Department:	Public Works	**Original Plan Date:**	
Location:	Public Works Administration Building	**Concurrency Requirement:**	

Goal / Objective: **Goal 1, Objective 2**

DESCRIPTION / JUSTIFICATION:

Public Works Administration Renovation and Remediation of the Interior and Exterior of the Building. The project is to be completed in two phases. Phase 1 will consist of the exterior re-roofing, removal of earth bearm, and exterior stucco, caulking and sealant. Phase 2 will be the interior demolition, dry-wall, electrical, ceilings, plumbing, mechanical work/design, painting, and flooring.

Renovations to be completed in FY 17
Interior/Exterior Demolition
Debris Dumpster/Cartage
Dry-wall Remediation-Removal and Disposal Only
Electrical Work
Exterior and Interior Dry-wall Replacement
New Suspended Acoustical Ceilings, Grid System, and Ceiling Insulation
Plumbing Work
Mechanical Work and Design to include installation
Equipment, Ducts, and Insulation
Painting-Interior Only
Toilet Partitions-Men's and Ladies Rooms
New Flooring
Re-roofing
Exterior Painting, Stucco, Caulking and Sealants

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
HVAC Engineering	10,000		-	-	-	-	10,000
Structure Engineering	2,500		-	-	-	-	2,500
Roof Architecture Services	12,000	-	-	-	-	-	12,000
Construction	397,270						397,270
TOTAL PROJECT COSTS	**421,770**		**-**	**-**	**-**	**-**	**421,770**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Capital Projects Fund 301 - Gas Tax	-	-	-	-	-	-	-
General Capital Fund 317 - Funded	421,770						421,770
General Capital Fund 317 - Unfunded	-	-	-	-	-	-	-
							-
TOTAL PROJECT REVENUE	**421,770**	**-**	**-**	**-**	**-**	**-**	**421,770**

OPERATIONAL IMPACT

Continuous maintenance program. Additional operating costs are not expected as a result of this project.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - Public Works 001-4300	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201751

Project Name:	City Hall Light Sensors	**Project Manager:**	Erik Repyneck
Department:	Public Works	**Original Plan Date:**	
Location:	City Hall	**Concurrency Requirement:**	
Goal / Objective:	**Goal 4**		

DESCRIPTION / JUSTIFICATION:

Description:
To furnish and outsource installation of 115 light sensors in the 1st and 2nd floors of the City Hall building. The installation will include conduit boxes on existing lighting circuits and will be done during normal working hours.

Justification:
To improve energy efficiency and decrease City Hall energy usage costs.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Labor and Materials	36,660	-	-	-	-	-	36,660
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**36,660**	**-**	**-**	**-**	**-**	**-**	**36,660**
PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Capital Projects Fund 301 - Gas Tax	-	-	-	-	-	-	-
General Capital Fund 317 - Funded							
Building Maintenance Fund 506	36,660	-	-	-	-	-	36,660
TOTAL PROJECT REVENUE	**36,660**	**-**	**-**	**-**	**-**	**-**	**36,660**

OPERATIONAL IMPACT

Continuous maintenance program. Additional operating costs are not expected as a result of this project.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**
FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - Public Works 001-4300	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201752

Project Name:	Automatic Vehicle and Equipment Wash System	**Project Manager:**	Jeff Fontane
Department:	Public Works	**Original Plan Date:**	
Location:	Public Works	**Concurrency Requirement:**	
Goal / Objective:	**Goal 1, Objective 2**		

DESCRIPTION / JUSTIFICATION:

Description:
Purchase and installation of a Centri-Spinner automatic fleet and equipment wash system and rack to include pump, spinner arch, undercarriage, reclamation systems, water heater, installation of rental equipment, and startup training.

Justification:
Wastewater (including wash water) from any type of vehicle and equipment cleaning can contain significant contaminants including oil and grease, petroleum products, suspended solids such as dirt and grit, heavy metals, detergents, and other pollutants. These contaminants may cause pollution of surface water or ground water and result in violations of water quality standards if the wastewater is not properly managed

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Total Equipment Package	-	197,940	-	-	-	-	197,940
Construction	-	120,000	-	-	-	-	120,000
Electrical	-	35,000					35,000
Plumbing	-	30,000	-	-	-	-	30,000
Freight and Contingency	-	46,000					46,000
TOTAL PROJECT COSTS	**-**	**428,940**	**-**	**-**	**-**	**-**	**428,940**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Capital Projects Fund 301 - Gas Tax	-	-	-	-	-	-	-
General Capital Fund 317 - Funded							
General Capital Fund 317 - Unfunded	-	428,940	-	-	-	-	428,940
TOTAL PROJECT REVENUE	**-**	**428,940**	**-**	**-**	**-**	**-**	**428,940**

OPERATIONAL IMPACT

Continuous maintenance program. Additional operating costs are not expected as a result of this project.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - Public Works 001-4300	**-**	**-**	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201753

Project Name:	City Hall ADA Improvements	**Project Manager:**	Frank Flagg
Department:	Public Works	**Original Plan Date:**	
Location:	City Hall	**Concurrency Requirement:**	
Goal / Objective:	**Goal 5, Objective 2**		

DESCRIPTION / JUSTIFICATION:

Description:
This project includes a Port Orange City Hall accessibility assessment, architectural services to include meetings with Facility Manager, key staff, development of "as-built" plans, designs solutions, and construction costs.

Justification:
The property remodeling project will remove architectural barriers in conjunction with new remodeling projects such as the City Hall Break Room Renovations. City Hall was built prior to the Americans with Disabilities Act (ADA) of 1990 as well as Florida Statutes of 1993 that incorporated ADA. The ADA and Florida Accessibility Code for Building Construction both require strict adherence to accessibility regulations. This project will bring the building to compliance in all areas that that have been identified as a liability in a proactive manner prior to their eventual mitigation.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	20,000	-	-	-	-	-	20,000
Construction		75,000	75,000	-	-	-	150,000
	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**20,000**	**75,000**	**75,000**	**-**	**-**	**-**	**170,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Capital Projects Fund 301 - Gas Tax	-	-	-	-	-	-	-
General Capital Fund 317 - Funded	20,000						20,000
General Capital Fund 317 - Unfunded	-	75,000	75,000	-	-	-	150,000
TOTAL PROJECT REVENUE	**20,000**	**75,000**	**75,000**	**-**	**-**	**-**	**170,000**

OPERATIONAL IMPACT

Continuous maintenance program. Additional operating costs are not expected as a result of this project.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - Public Works 001-4300	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201754

Project Name:	Wood Shop Rebuild	**Project Manager:**	
Department:	Public Works	**Original Plan Date:**	
Location:	Public Works	**Concurrency Requirement:**	
Goal / Objective:	**Goal 1, Objective 2**		

DESCRIPTION / JUSTIFICATION:

Description:
Remove existing 30'x30' frame walls and metal roof of existing woodshop; construct a new "woodshop" using 8" masonry for the exterior walls and construct the roof with wood trusses; paint masonry walls and use shingles for roofing; install a basic electric system.

Justification:
This building will provide suitable space needed for routine operations with a growing department including relocation of the current signs shop to allow for additional office space.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	-	3,000	-	-	-	-	3,000
Construction	-	60,500	-	-	-	-	60,500
	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**-**	**63,500**	**-**	**-**	**-**	**-**	**63,500**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Capital Projects Fund 301 - Gas Tax	-	-	-	-	-	-	-
General Capital Fund 317 - Funded							
General Capital Fund 317 - Unfunded	-	63,500	-	-	-	-	63,500
TOTAL PROJECT REVENUE	**-**	**63,500**	**-**	**-**	**-**	**-**	**63,500**

OPERATIONAL IMPACT

Continuous maintenance program. Additional operating costs are not expected as a result of this project.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - Public Works 001-4300	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201738

Project Name:	Replace Bay Doors FS 73	**Project Manager:**	Mike Silvey
Department:	Public Works	**Original Plan Date:**	03/10/16
Location:	FS 73	**Concurrency Requirement:**	N/A

Goal / Objective: **Goal 6 Objective 3**

DESCRIPTION / JUSTIFICATION:

The bay doors at FS 73 need to be replaced with doors that are lighter in weight, hurricane resistant and have a means to lift the doors manually in the event of power failure. The current doors are extremely heavy, and are out of service regularly. Additionally, the current doors offer no manual operation.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	-	-	-	-	-	-	-
Construction		-	-	-	-	-	-
Equipment	31,000	-	-	-	-	-	31,000
TOTAL PROJECT COSTS	**31,000**	**-**	**-**	**-**	**-**	**-**	**31,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - Fire 001	-	-	-	-	-	-	-
Fire Impact Fee Fund 311	-	-	-	-	-	-	-
Lease & Replacement Fund 505	-	-	-	-	-	-	-
Building Maintenance Fund 506	31,000	-	-	-	-	-	31,000
TOTAL PROJECT REVENUE	**31,000**	**-**	**-**	**-**	**-**	**-**	**31,000**

OPERATIONAL IMPACT

Replacement of existing equipment due to age and condition. Routine maintenance is currently programmed within the department's operating budget. No additional operating costs are anticipated.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Fund (001)	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201756

Project Name:	City Center Complex Landscape Improvements	**Project Manager:**	Mike Silvey
Department:	Public Works	**Original Plan Date:**	
Location:	Public Works	**Concurrency Requirement:**	
Goal / Objective:	**Goal 2, Objective 1**		

DESCRIPTION / JUSTIFICATION:

Description:
Professional services for implementation of landscaping design at City Center Complex to include materials, installation, and maintenance.

Justification:
To improve landscape aesthetics at City Center Complex; expand the landscape to additional high visibility areas; provide more use of a variety of plant materials instead of re-using existing plants; provide a more tropical theme around the City Hall entrances; and repair and replace irrigation only where new plants are installed.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Landscape Improvements	600,000						600,000
(includes materials, installation and		-	-	-	-	-	-
maintenance)		-	-	-	-	-	-
Engineering Survey	50,000						50,000
TOTAL PROJECT COSTS	**650,000**	**-**	**-**	**-**	**-**	**-**	**650,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Capital Projects Fund 301 - Gas Tax	-	-	-	-	-	-	-
General Capital Fund 317 - Funded	650,000	-	-	-	-	-	650,000
TOTAL PROJECT REVENUE	**650,000**	**-**	**-**	**-**	**-**	**-**	**650,000**

OPERATIONAL IMPACT

Additional operating costs are expected for continual maintenance of the new landscaping design.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	125,000	105,000	105,000	105,000	105,000	545,000
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**125,000**	**105,000**	**105,000**	**105,000**	**105,000**	**545,000**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - Public Works 001-4300	**-**	125,000	105,000	105,000	105,000	105,000	545,000
	-	**-**	-	-	-	-	-
Total	**-**	**125,000**	**105,000**	**105,000**	**105,000**	**105,000**	**545,000**

LEASE AND REPLACEMENT FUND
FLEET REPLACEMENT SCHEDULE - Public Works

VEH #	MAKE	DESCRIPTION	YEAR	FY17	FY18	FY19	FY20	FY21	FY22
4300 PUBLIC WORKS									
1568	STERLING	LT7500 12YD DUMP	2001			100,000			
1696	STERLING	LT7500 12YD DUMP	2004						100,000
1735	STERLING	ACTERRA TRASH TRUCK	2005						
1758	FORD	F250 UTILITY	2006		27,000				
1759	FORD	F250 UTILITY	2006	27,000					
1794	FORD	F250 UTILITY	2007	27,000					
1795	FORD	F250 UTILITY	2007	27,000					
1796	FORD	F250 UTILITY	2007		28,000				
1798	FORD	F250 UTILITY	2007		28,000				
1860	FORD	F250 UTILITY	2011					28,000	
1885	FORD	F550 DUMP	2012						40,000
2002	CHEVY	SILVERADO 1500 PICKUP	2013		20,000				
2019	FORD	F150 PICKUP	2013						
2043	FORD	Explorer SUV	2014						
2075	Chevy	2500HD Ext Cab Pickup	2015						
2081	FORD	F550 Bucket Truck	2015						
2084	Freightliner	M2 Trash Truck	2015						
5234	TRIPLE CROWN	TRAILER	1993		7,000				
6166	ALLEMAND	LIGHT PLANT	1998		8,500				
6193	ALLEMAND	LIGHT PLANT	1998		8,500				
6357	SHOP BUILT	TRAILER (REFURB 2013)	1999						
6380	ALLEMAND	LIGHT PLANT	1999			8,500			
6473	JOHN DEERE	5205 TRACTOR/BUSHHOG	2000	22,000					
6561	ALLEMAND	LIGHT PLANT	2001					9,000	
6613	JOHN DEERE	609 BUSHHOG ATT. (ON 6473)	2004						
6724	JOHN DEERE	GATOR ATV	2003	7,500					
6905	ALLEMAND	LIGHT PLANT	2001					9,000	
7983	TRIPLE CROWN	TRAILER	2003						
8048	JOHN DEERE	GS-75 WALK BEHIND MOWER	2004						
8053	JOHN DEERE	5105 BOX TRACTOR	2004						
8243	JOHN DEERE	5105 TRACTOR/MOWER	2005						
8648	CMS	T331 SOLAR MESSAGE BOARD	2007		15,000				
8649	CMS	T331 SOLAR MESSAGE BOARD	2007		15,000				
8650	CMS	T331 SOLAR MESSAGE BOARD	2007		15,000				
8651	CMS	T331 SOLAR MESSAGE BOARD	2007		15,000				
8813	ALAMO	SHD88 FLAIL MOWER ATT. (ON 8243)	2007		10,000				
9348	Challenger	MT525B Tractor/Boom Mower	2012						
9349	SUZUKI	UTV	2012						7,500
9350	SUZUKI	UTV	2012						7,500
9501	CATERPILLER	CB24 VIBRATORY ROLLER	2013						
9526	CATERPILLER	259D Skid Steer Loader	2013						
9529	JOHN DEERE	997 Z TRAK MOWER	2014						
9663	TOWMASTER	7.5X16 TANDEM TRAILER	2015						
9790	Falcon	4 Ton Asphalt Recycler & Dump Trailer	2016						
20??	FORD	F350 CREWCAB UTILITY TRUCK	2016						
NEW		1 TON 29' BUCKET TRUCK(to be purchased out of 001-4300 in FY17 if approved)	2017	67,000					
		SUB TOTAL - Public Works		**177,500**	**197,000**	**108,500**	**-**	**46,000**	**155,000**

LEASE AND REPLACEMENT FUND
FLEET REPLACEMENT SCHEDULE - Public Works

VEH #	MAKE	DESCRIPTION	YEAR	FY17	FY18	FY19	FY20	FY21	FY22
4200 BUILDING MAINTENANCE									
1643	FORD	RANGER PICKUP	2003		22,000				
1738	FORD	F250 UTILITY	2006	27,000					
1814	CHEVY	SILVERADO 1500 PICKUP	2008	20,000					
2093	FORD	F150 42 REG CAP	2016						
		SUB TOTAL - Building Maintenance		**47,000**	**22,000**	**-**	**-**	**-**	**-**
4500 VEHICLE MAINTENANCE									
1600	D 2500	3/4 TON 4X4	2001				45,000		
POOL VEHICLES									
1611	CHEVY	BLAZER	2002	22,000					
1685	BUICK	CENTURY SEDAN	2004	20,000					
1776	FORD	FOCUS SEDAN	2006		20,000				
2052	CHEVY	CRUZE SEDAN	2015						
2079	FORD	FUSION SEDAN	2015						
20??	FORD	F150 4X2 PICKUP	2015						
20??	FORD	ESCAPE SUV	2015						
6443	JOHN DEERE	GATOR ATV	2005	7,500					
		SUB TOTAL - Vehicle Maintenance		**49,500**	**20,000**	**-**	**45,000**	**-**	**-**
6100 SOLID WASTE ADMIN.									
1640	D 1500	PICKUP 4X4	2003	-	-	-	-	-	-
		SUB TOTAL - Solid Waste Admin.		**-**	**-**	**-**	**-**	**-**	**-**
		TOTAL - Public Works		**274,000**	**239,000**	**108,500**	**45,000**	**46,000**	**155,000**
		Less: Vehicles Purchased out of Public Works Gen Fund:		(67,000)	-	-	-	-	-
		Grand Total:		**207,000**	**239,000**	**108,500**	**45,000**	**46,000**	**155,000**

Operational Impact: No additional operating costs are expected from this routine replacement of fleet vehicles.

Stormwater Utility

FY17 – FY22 CIP Request

Draft 2

06/14/16

City of Port Orange, Florida
Capital Improvement Program (CIP) FY17 - FY22
Summary by Department and Funding Status
(in thousands)

#	Project	Department	Funding Status	Funding Source	FY17	FY18	FY19	FY20	FY21	FY22	Total	Pg. #

Stormwater Utility

#	Project	Department	Funding Status	Funding Source	FY17	FY18	FY19	FY20	FY21	FY22	Total	Pg. #
201409	Tumblebrook Drive Stormwater	Stormwater	Unfunded	412	131	-	-	-	-	-	131	173-174
201439	Halifax River Outfall Replacement	Stormwater	Funded	412	60	615	-	-	-	-	675	175
201441	Southwinds Stormwater Pond Outfall Retrofit	Stormwater	Funded	412	-	-	-	45	630	-	675	176
	Southwinds Stormwater Pond Outfall Retrofit	Stormwater	Unfunded	412	-	-	-	-	620		620	
201642	Howes Street Stormwater Improvements	Stormwater	Funded	412	49	80	-	-	-	-	129	177-178
201645	White Place & Riverside Drainage Improvements	Stormwater	Unfunded	412	80	-	-	-	-	-	80	179
201647	Pipe Replacement	Stormwater	Funded	412		90	320	500	500	500	1,910	180
	Pipe Replacement	Stormwater	Unfunded	412	1,000	910	680	500	500	500	4,090	
201760	City Center Shoreline Stabilization	Stormwater	Unfunded	412	336	-	-	-	-	-	336	181
201761	Powers Avenue at Lemon Street Drainage Improvements	Stormwater	Unfunded	412	175	-	-	-	-	-	175	182
201762	Viking Drive Stormwater Improvements	Stormwater	Unfunded	412	27	-	-	-	-	-	27	183
201763	Charles Street Drainage Improvements	Stormwater	Unfunded	412	835	-	-	-	-	-	835	184
201764	Yorktowne Boulevard Sidewalk Drainage Improvements	Stormwater	Unfunded	412	65	-	-	-	-	-	65	185
Fleet	Veh Rplcmnt - Stormwater	Stormwater	Funded	505	230	42	-	300	930	112	1,614	186
	Total Stormwater Utility - All:				**2,988**	**1,737**	**1,000**	**1,345**	**3,180**	**1,112**	**11,362**	
	Stormwater Utility - Funded:				**339**	**827**	**320**	**845**	**2,060**	**612**	**5,003**	
	Stormwater Utility - Unfunded:				**2,649**	**910**	**680**	**500**	**1,120**	**500**	**6,359**	
	Stormwater Utility - Contingent Proposed:				**-**	**-**	**-**	**-**	**-**	**-**	**-**	
	Total Stormwater Utility - All:				**2,988**	**1,737**	**1,000**	**1,345**	**3,180**	**1,112**	**11,362**	

Fund Legend:

001 General Fund	301 Capital Projects (Gas Tax)	401 W/S Operating	412 Drainage
106 Recreation Facilities (YMCA)	312 Transp. Impact Fee	403 W/S R&R	450/451 Golf Course
109 Building Special Revenue	317 General Capital	405 W/S Impact Fee	505 Lease & Replacement
			506 Building Maintenance

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201409

Project Name:	Tumblebrook Drive Stormwater Improvements	**Project Manager:**	Michael Silvey
Department:	Stormwater Utility	**Original Plan Date:**	1/1/2013
Location:	Sweetwater Hills Subdivision	**Concurrency Requirement:**	

Goal / Objective: Goal 1 Objective 1, 2 & 4

DESCRIPTION / JUSTIFICATION:

Tumblebrook Drive is located in Sweetwater Hills and is home to residential properties of 0.25 acres. Presently, Public Works staff must mobilize a pump to an isolated pond which becomes inundated during storms. Construction of drainage improvements, pipe and drainage structures, in Sweetwater Hills area central Port Orange. The project will improve drainage and stormwater quality. Engineering and design are proposed to begin in early FY2016, with construction to follow immediately thereafter. Project cost estimates do not include utility relocations or easement acquisitions if needed.

Note:

Connect to existing retention pond and structure 1000 LF of 24" exfilt trench to existing pond, Westerly. Install Type "C" inlet at Tumblebrook Dr. and Sweetwood Drive. Install new Type "C" inlet with 15" RCP cross section of Tumblebrook Drive. Install lift pump as determined through engineering and planning.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	36,000		-	-	-	-	36,000
Construction	95,000		-	-	-	-	95,000
Equipment	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**131,000**	**-**	**-**	**-**	**-**	**-**	**131,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Drainage Fund 412 - Funded	-	-	-	-	-	-	-
Drainage Fund 412 - Unfunded	131,000	-	-	-	-	-	131,000
TOTAL PROJECT REVENUE	**131,000**	**-**	**-**	**-**	**-**	**-**	**131,000**

OPERATIONAL IMPACT

This project will require ongoing maintenance of the infrastructure constructed as a part of the improvements. Staffing levels should be based on the desired level of maintenance and the total infrastructure inventory that Public Works maintains.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Drainage Operating Fund 412	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Additional Detail for Stormwater Utility CIP Project Page 201409 - Tumblebrook Dr. Stormwater Improvements

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201439

PROJECT NAME:	Halifax River Outfall Replacements	**Project Manager:**	Michael Silvey
DEPARTMENT:	Stormwater Utility	**Original Plan Date:**	2/27/2013
LOCATION:	Halifax River City-Wide	**Concurrency Requirement:**	No

Goal / Objective: Goal 1 Objective 1, 2 & 4

DESCRIPTION/JUSTIFICATION:

There are 41 stormwater discharge outfalls directly to the Halifax River throughout the City. Many of these outfalls are constructed of metal pipes that have corroded throughout the years due to the harsh salt water environment. These pipes need to be replaced with Reinforced Concrete Pipe; in addition, headwalls will need to be constructed or reconstructed to accommodate the reinforced concrete pipe and possibly upsized in the diameter of the pipe. Also, the storm water pipe networks associated with the outfalls are tidally influenced which allows river water to enter the networks and equalize to the tidal water level. This project presents an opportunity to install engineered tidal gates at all locations where flooding issues are caused by tidal surcharge and lack of stormwater capacity.

Component	Cost
Engr & Plan:	$ 60,000
Construction:	615,000
Total Proj Cost:	**$ 675,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	60,000	-		-		-	60,000
Construction	-	615,000	-			-	615,000
TOTAL PROJECT COSTS	**60,000**	**615,000**	**-**	**-**	**-**	**-**	**675,000**

PROPOSED SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
General Operating - (001)	-	-	-	-	-	-	-
Drainage Fund 412 - Funded	60,000	615,000	-			-	675,000
Capital Projects Fund 301	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**60,000**	**615,000**	**-**	**-**	**-**	**-**	**675,000**

OPERATIONAL IMPACT

These outfalls are already in a maintenance plan, therefore, once completed, additional operating budget will not be required.

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
General Fund - (001)	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201441

PROJECT NAME:	Southwinds Stormwater Pond Outfall Retrofit	**Project Manager:**	Michael Silvey
DEPARTMENT:	Stormwater Utility	**Original Plan Date:**	2/27/2013
LOCATION:	Southwinds Subdivision	**Concurrency Requirement:**	No

Goal / Objective: Goal 1 Objective 1, 2 & 4

DESCRIPTION/JUSTIFICATION:

This project involves modification to the existing stormwater ponds of the Southwinds neighborhood stormwater system. Currently, the subdivision does not have a positive stormwater outfall discharge. An engineered plan will be required to design and permit an outfall.

Component	Cost
Engr & Plan:	45,000
Construction Phase I:	630,000
Construction Phase II:	620,000
Total Proj Cost:	**1,295,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	-	-	-	45,000	-		45,000
Construction	-	-	-	-	1,250,000		1,250,000
TOTAL PROJECT COSTS	**-**	**-**	**-**	**45,000**	**1,250,000**	**-**	**1,295,000**

PROPOSED SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
General Operating - (001)	-	-	-	-	-	-	-
Drainage Fund 412 - Funded (Phase I)	-	-	-	45,000	630,000		675,000
Drainage Fund 412 - Unfunded (Phase II)	-	-	-	-	620,000	-	620,000
Other	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**-**	**-**	**-**	**45,000**	**1,250,000**	**-**	**1,295,000**

OPERATIONAL IMPACT

Once installed, the new pump system will be maintained by the city. This will include periodic testing of the pumps and replacement of damaged parts as appropriate.

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
General Fund - (001)	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201642

PROJECT NAME:	Howes Street Stormwater Improvements	**Project Manager:**	Michael Silvey
DEPARTMENT:	Stormwater Utility	**Original Plan Date:**	March 18, 2015
LOCATION:	Various	**Concurrency Requirement:**	

Goal / Objective: Goal 1 Objective 1, 2 & 4

DESCRIPTION/JUSTIFICATION:

Howes Street is located north of Commonwealth Boulevard and west of Ridgewood Avenue in the Allendale area of Port Orange. Howes Street experiences roadway flooding several times a year due to no drainage system to convey the stormwater runoff. Public Works has expended numerous efforts in traffic control and pumping due to the roadway flooding. There are two options proposed to provide a permanent solution as depicted below. Option "A": connect to existing 24" pipe and inlets and install 24" Reinforced Concrete Pipe (RCP) with Precast Type "C" Inlets east to the Westridge Avenue outfall. Option "B": connect to existing 24" pipe and inlets and install 24" Reinforced Concrete Pipe (RCP) with precast Type "C" inlets west and south to Frederick Avenue and Depot Pond.

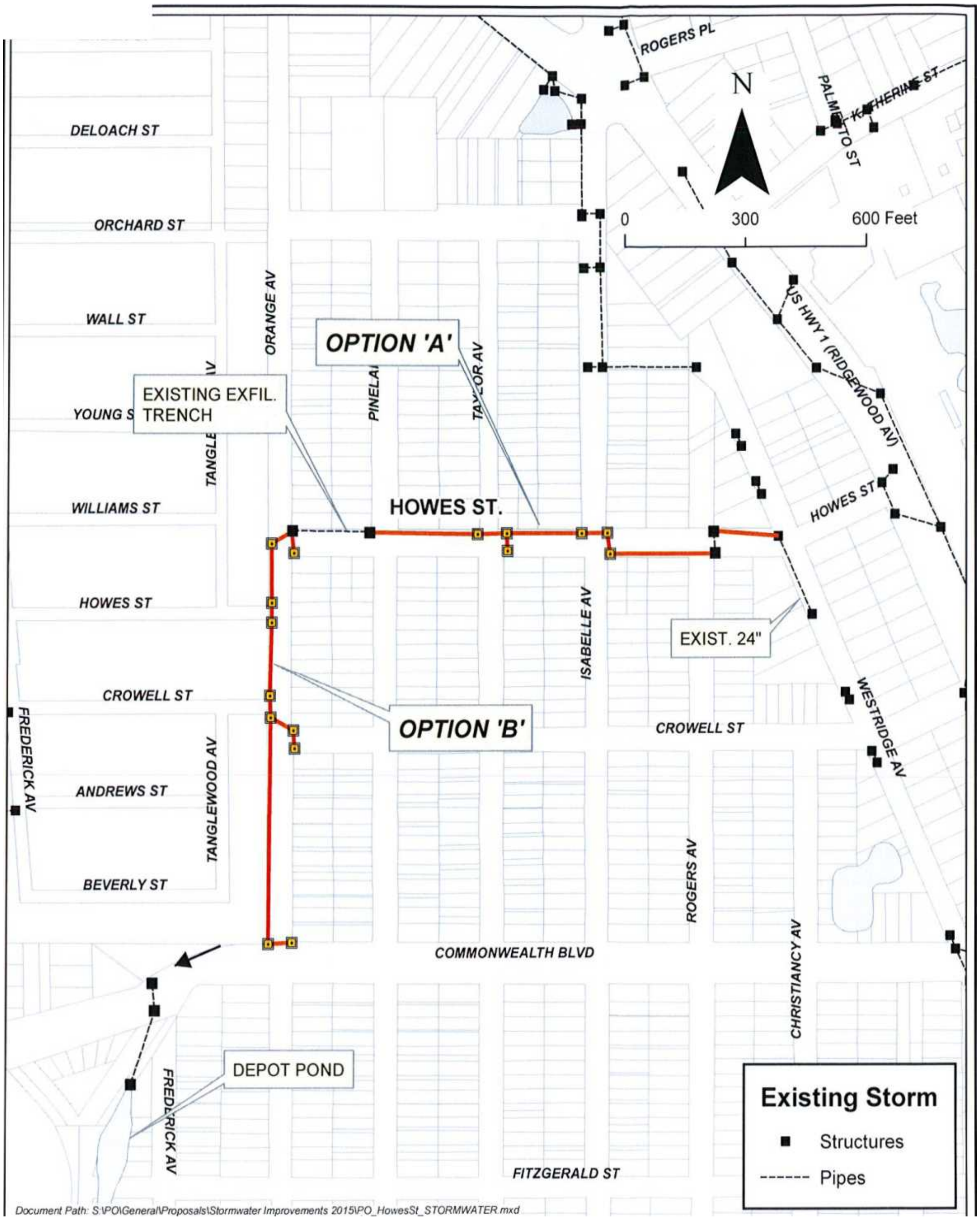
PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	49,250	-		-	-	-	49,250
Construction	-	80,000		-	-	-	80,000
TOTAL PROJECT COSTS	**49,250**	**80,000**	**-**	**-**	**-**	**-**	**129,250**
PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - (001)	-	-	-	-	-	-	-
Drainage 412 Fund - Funded	49,250	80,000		-	-	-	129,250
Other	-	-	-	-	-	-	-
Drainage 412 Fund - Unfunded	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**49,250**	**80,000**	**-**	**-**	**-**	**-**	**129,250**

OPERATIONAL IMPACT

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**
FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Fund - (001)	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Additional Detail for Stormwater Utility CIP Project Page 201642 - Howes St. Stormwater Improvements



CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201645

PROJECT NAME:	White Place & Riverside Drainage Improvements	**Project Manager:**	Silvey/Riley
DEPARTMENT:	Stormwater Utility	**Original Plan Date:**	
LOCATION:	White Place & Riverside	**Concurrency Requirement:**	No

Goal / Objective: Goal 1 Objective 1, 2 & 4

DESCRIPTION/JUSTIFICATION:

Analyze, design, and construct improvements to White Place and Riverside Drive drainage system to improve storm water storage and conveyance to reduce potential for flooding. Improvements will include the boring and installation of properly sized reinforced concrete pipe.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	20,000	-	-	-	-	-	20,000
Construction	55,000	-	-	-	-	-	55,000
Permits (SJWMD)	5,000	-	-	-	-	-	5,000
TOTAL PROJECT COSTS	**80,000**	**-**	**-**	**-**	**-**	**-**	**80,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - (001)	-	-	-	-	-	-	-
Drainage 412 Fund - Funded	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
Drainage 412 Fund - Unfunded	80,000	-	-	-	-	-	80,000
TOTAL PROJECT REVENUE	**80,000**	**-**	**-**	**-**	**-**	**-**	**80,000**

OPERATIONAL IMPACT

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	250	250	250	250	250		1,250
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**250**	**250**	**250**	**250**	**250**	**-**	**1,250**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Drainage Fund - 412	**250**	250	250	250	250		1,250
	-	**-**	-	-	-	-	-
Total	**250**	**250**	**250**	**250**	**250**	**-**	**1,250**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201647

PROJECT NAME:	Pipe Replacement	**Project Manager:**	Silvey/Riley
DEPARTMENT:	Stormwater Utility	**Original Plan Date:**	
LOCATION:	Various Locations throughout the City	**Concurrency Requirement:**	YES

Goal / Objective: Goal 1 Objective 1, 2 & 4

DESCRIPTION/JUSTIFICATION:

Replace deteriorated and/or undersized corrugated metal pipes with properly sized reinforced concrete pipe to improve storm water conveyance to reduce potential for flooding.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	50,000	50,000	50,000	50,000	50,000	50,000	300,000
Construction	950,000	950,000	950,000	950,000	950,000	950,000	5,700,000
TOTAL PROJECT COSTS	**1,000,000**	**1,000,000**	**1,000,000**	**1,000,000**	**1,000,000**	**1,000,000**	**6,000,000**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - (001)	-	-	-	-	-	-	-
Drainage 412 Fund - Funded	-	90,000	320,000	500,000	500,000	500,000	1,910,000
Other	-	-	-	-	-	-	-
Drainage 412 Fund - Unfunded	1,000,000	910,000	680,000	500,000	500,000	500,000	4,090,000
TOTAL PROJECT REVENUE	**1,000,000**	**1,000,000**	**1,000,000**	**1,000,000**	**1,000,000**	**1,000,000**	**6,000,000**

OPERATIONAL IMPACT

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	250	250	250	250	250	-	1,250
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**250**	**250**	**250**	**250**	**250**	**-**	**1,250**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Drainage Fund - 412	250	250	250	250	250		1,250
	-	-	-	-	-	-	-
Total	**250**	**250**	**250**	**250**	**250**	**-**	**1,250**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201760

PROJECT NAME:	City Center Shoreline Stabilization	**Project Manager:**	Michael Silvey
DEPARTMENT:	Stormwater Utility	**Original Plan Date:**	July 10, 2015
LOCATION:	City Center, Port Orange	**Concurrency Requirement:**	No

Goal / Objective: **Goal 1 Objective 1, 2 & 4**

DESCRIPTION/JUSTIFICATION:

Design to stabilize the existing lake shoreline and repair and improve the eroded drainage outfalls, retaining walls, and lake sidewalks at City Hall.

Item	Qty	Unit	Price/Unit	Price	Item	QTY	Price
Mobilization / Demobilization	1	LS	30,000	30,000	Endwall	1 EA	2,500
Construction Survey & As-Built Survey	1	LS	17,500	17,500	18" RCP pipe	15LF	900
Environmental Compliance	1	LS	15,000	15,000	Sodding	1800 SY	6,300
Demobilization and Hauling	1	LS	20,000	20,000	Contingent		41,010
Grading and Hauling	1	LS	15,000	15,000			
Fill	600	CY	12	7,200			
Sidewalk	3,000	SF	8	24,000			
Composite Seawall Constr. w/concrete	275	LF	400	110,000			
Concrete Seawall Construction	50	LF	500	25,000			
Subtotal				**263,700**			**50,710**

Total Cost **$ 314,410**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering Administration/Insp.	22,000	-	-	-	-	-	22,000
Construction	314,410	-	-	-	-	-	314,410
TOTAL PROJECT COSTS	**336,410**	**-**	**-**	**-**	**-**	**-**	**336,410**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - (001)	-	-	-	-	-	-	-
Drainage 412 Fund - Funded	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
Drainage 412 Fund - Unfunded	336,410	-	-	-	-	-	336,410
TOTAL PROJECT REVENUE	**336,410**	**-**	**-**	**-**	**-**	**-**	**336,410**

OPERATIONAL IMPACT

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Drainage 412 Unfunded		-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201761

PROJECT NAME:	Powers Avenue at Lemon Street Drainage Improvements	**Project Manager:**	Michael Silvey
DEPARTMENT:	Stormwater Utility	**Original Plan Date:**	March 16, 2016
LOCATION:	Power Avenue at Lemon Street, Port Orange	**Concurrency Requirement:**	No

Goal / Objective: **Goal 1 Objective 1, 2 & 4**

DESCRIPTION/JUSTIFICATION:

At the intersection of Powers Avenue and Lemon Street, roadway and property continually flood due to the absence of a drainage system to convey stormwater runoff. In addition, the existing grade at the intersection is much lower than the surrounding areas allowing the stormwater runoff to accumulate. The accumulation causes flooding on the roadway and adjacent residential properties. The project consists of correcting the drainage deficiencies at Powers Avenue where it intersects with Lemon Street. The cost of drainage easement acquisition (if required) are not included.

Item	QTY	Cost	Item	QTY	Cost
Mobilization	1 LS	8,000	Open Cut & Repair Asphalt	30 SY	6,000
Clearing & Grubbing	1 LS	15,000	Restoration	1 LS	25,000
Pre-construction Video	1 LS	2,000	Unsuitable Material Removal	1 LS	2,000
Storm Structures			MOT	1 LS	2,500
Manholes	2 EA	10,000	Erosion & Sedentation Control	1 LS	2,000
Modify Existing Pond control Structures	1 LS	6,000	As-Built Survey	1 LS	6,500
Endwall	1 EA	10,000			
Storm Pipe					
18 Inch RCP	600 LF	42,000			
Subtotal		**93,000**			**44,000**
Total Construction Cost	**$ 137,000**				

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	24,040	-	-	-	-	-	24,040
Construction	137,000	-	-	-	-	-	137,000
Contingency (10%)	13,700						13,700
TOTAL PROJECT COSTS	**174,740**	**-**	**-**	**-**	**-**	**-**	**174,740**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - (001)	-	-	-	-	-	-	-
Drainage 412 Fund - Funded	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
Drainage 412 Fund - Unfunded	174,740	-	-	-	-	-	174,740
TOTAL PROJECT REVENUE	**174,740**	**-**	**-**	**-**	**-**	**-**	**174,740**

OPERATIONAL IMPACT

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Fund - (001)	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201762

PROJECT NAME:	Viking Drive Stormwater Improvements	**Project Manager:**	Michael Silvey
DEPARTMENT:	Stormwater Utility	**Original Plan Date:**	March 16, 2016
LOCATION:	Viking Drive, Port Orange	**Concurrency Requirement:**	No

Goal / Objective: **Goal 1 Objective 1, 2 & 4**

DESCRIPTION/JUSTIFICATION:

Presently, Viking Drive does not have a stormwater system in place, and the localized depression area near 112 Viking Dive experiences standing water over the roadway during most rain events. This project consists of design and permitting stormwater improvements within Viking Drive area.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	26,840	-	-	-	-	-	26,840
Construction	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**26,840**	**-**	**-**	**-**	**-**	**-**	**26,840**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - (001)	-	-	-	-	-	-	-
Drainage 412 Fund - Funded	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
Drainage 412 Fund - Unfunded	26,840	-	-	-	-	-	26,840
TOTAL PROJECT REVENUE	**26,840**	**-**	**-**	**-**	**-**	**-**	**26,840**

OPERATIONAL IMPACT

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Fund - (001)	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201763

PROJECT NAME:	Charles Street Drainage Improvements	**Project Manager:**	Michael Silvey
DEPARTMENT:	Stormwater Utility	**Original Plan Date:**	October 21, 2015
LOCATION:	Charles Street, Port Orange	**Concurrency Requirement:**	No

Goal / Objective: **Goal 1 Objective 1, 2 and 4**

DESCRIPTION/JUSTIFICATION:

Analysis, design, and construction for drainage between Herbert Street, Charles Street and Oceans Avenue drainage system to improve stormwater runoff conveyance, stormwater capacity, conveyances, and to reduce the potential for flooding. This will require removing the existing inadequate storm pipe between Herbert Street and Charles Street and replacing it with elliptical 30-inch Reinforced Concrete Pipe; removing the existing ditch and the existing inadequate storm pipe between Charles Street and Ocean Avenue and replace with elliptical 36-inch Reinforced Concrete Pipe; installing an operable flood gate upstream of the confluence with the Dougherty Canal, and upgrading the existing drainage structures.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	110,000	-	-	-	-	-	110,000
Construction	725,299	-	-	-	-	-	725,299
TOTAL PROJECT COSTS	**835,299**	**-**	**-**	**-**	**-**	**-**	**835,299**

PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - (001)	-	-	-	-	-	-	-
Drainage 412 Fund - Funded	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
Drainage 412 Fund - Unfunded	835,299	-	-	-	-	-	835,299
TOTAL PROJECT REVENUE	**835,299**	**-**	**-**	**-**	**-**	**-**	**835,299**

OPERATIONAL IMPACT

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Fund - (001)	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201764

PROJECT NAME:	Yorktowne Boulevard Sidewalk Drainage Improvements	**Project Manager:**	Michael Silvey
DEPARTMENT:	Stormwater Utility	**Original Plan Date:**	March 18, 2016
LOCATION:	Yorktowne Blvd. b/w Bourbon St. & Hidden Lakes I	**Concurrency Requirement:**	No

Goal / Objective: **Goal 1 Objective 1, 2 and 4**

DESCRIPTION/JUSTIFICATION:

The sidewalks on Yorktowne Boulevard between Bourbon Street and Hidden Lakes Drive experience standing water over the sidewalks after most rain events due to the grade of the sidewalk being below the stormwater retention (swale) area of the City's right-of-way. The project would consist of analysis, design, and construct drainage improvements or to design and remove the existing sidewalk and change the existing grade to bring the construction of the new sidewalk above the grade of the retention (swale) area of the City's right-of-way.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	65,000	-	-	-	-	-	65,000
Construction	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**65,000**	**-**	**-**	**-**	**-**	**-**	**65,000**
PROPOSED SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
General Operating - (001)	-	-	-	-	-	-	-
Drainage 412 Fund - Funded	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-
Drainage 412 Fund - Unfunded	65,000	-	-	-	-	-	65,000
TOTAL PROJECT REVENUE	**65,000**	**-**	**-**	**-**	**-**	**-**	**65,000**

OPERATIONAL IMPACT

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
General Fund - (001)	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

LEASE AND REPLACEMENT FUND
FLEET REPLACEMENT SCHEDULE - Stormwater / Drainage

VEH #	MAKE	DESCRIPTION	YEAR	FY17	FY18	FY19	FY20	FY21	FY22
1800 DRAINAGE UTILITY									
466	INGERSOLL RA	TOWABLE AIR COMPRESSOR	1982	18,000					
1433	FORD	F800 5YD DUMP	1996	65,000					
1570	STERLING	LT7500 12YD DUMP	2001				100,000		
1571	STERLING	LT7500 12YD DUMP	2001				100,000		
1575	STERLING	LT7500 12YD DUMP	2001				100,000		
1576	STERLING	CHASIS FOR WATER TANK	2001						85,000
1638	CHEVY	S10 4X4 PICKUP	2003						
1688	FORD	F250 UTILITY	2004						
1730	CHEVY	KODIAK C4500 DUMP	2005	40,000					
1775	STERLING	LT7500 VACCON Truck	2006					360,000	
1775	VACCON	VACCON Pump	2013						
1799	FORD	F250 UTILITY	2007		41,500				
1869	CHEVY	K2500 UTILITY	2011						
2014	CHEVY	2500HD UTILITY	2013						
2016	CHEVY	2500HD UTILITY 4X4	2013						
2091	FREIGHTLINER	VACCON Pump	2016						
6418	TRAILER	6X16 TRAILER	2000						
6556	JOHN DEERE	550 DOZER	2001					150,000	
6558	CASE	580 BACKHOE	2001	85,000					
6559	EAGER BEAVEI	20 TON TANDEM TRAILER	2001	22,000					
6560	CASE	721 LOADER	2001					120,000	
8302	JOHN DEERE	544J LOADER	2005						
8440	CATERPILLER	M318 EXCAVATOR	2005						
9064	MENZI MUCK	SPIDER EXCAVATOR	2008					300,000	
9065	CHALLENGER	MT525B TRACTOR/BOOM MOWI	2009						
9310	JOHN DEERE	1445 72" MOWER	2012						17,000
9352	JOHN DEERE	GATOR ATV	2012						10,000
9513	JOHN DEERE	997 Z TRAK MOWER	2014						
9522	JOHN DEERE	997 Z TRAK MOWER	2014						
9536	JOHN DEERE	997 Z TRAK MOWER	2014						
9538	Cues	K2 Drainage Camera System	2014						
9539	Diamond	8.5 x 16 Box Trailer for Camera System	2014						
9797	JOHN DEERE	GATOR ATV	2016						
9789	VENTRAC	4500Y 72" MOWER	2016						
2103	FORD	F150 PICKUP	2016						
20??	FORD	F250 UTILITY	2016						
98??	Gradall	3100 4x4 Excavator	2016						
NEW	CATERPILLER	MINI EXCAVATOR(to be purchased out of 412 Drainage Fund in FY17 if approved)	2017	48,000					
NEW	CUES	CAMERA TRUCK FOR DRAINAGE(to be purchased out of 412 Drainage Fund in FY17 if approved)	2017	150,000					
NEW		1/2 TON PICKUP(to be purchased out of 412 Drainage Fund in FY17 if approved)	2017	25,000					
NEW		1/2 TON PICKUP(to be purchased out of 412 Drainage Fund in FY17 if approved)	2017	23,000					
NEW		1/2 TON PICKUP(to be purchased out of 412 Drainage Fund in FY17 if approved)	2017	23,000					
		TOTAL - Drainage Utility		**499,000**	**41,500**	**-**	**300,000**	**930,000**	**112,000**
		Less: Equipment Purchased out of Drainage Fund 412:		(269,000)	-	-	-	-	-
		Grand Total:		**230,000**	**41,500**	**-**	**300,000**	**930,000**	**112,000**

Operational Impact: No additional operating costs are expected from this routine replacement of fleet vehicles.

Cypress Head Golf Course

FY17 – FY22 CIP Request

Draft 2

06/14/16

Summary by Department and Funding Status

(in thousands)

#	Project	Department	Funding Status	Funding Source	FY17	FY18	FY19	FY20	FY21	FY22	Total	Pg. #
Cypress Head Golf Course												
201697	Golf Course Capital Improvement Plan	Cypress Head	Funded	450	35	40	49	42	28	36	230	189
Fleet	Equip Rplc - Cypress Head	Cypress Head	Funded	505	32	23	54	81	9	-	199	190
Fleet	Golf Cart Rplc - Cypress Head	Cypress Head	Funded	505	-	-	225	-	-	-	225	
	Total Cypress Head Golf Course - All:				**67**	**63**	**328**	**123**	**37**	**36**	**654**	
	Cypress Head Golf Course - Funded:				**67**	**63**	**328**	**123**	**37**	**36**	**654**	
	Cypress Head Golf Course - Unfunded:				**-**	**-**	**-**	**-**	**-**	**-**	**-**	
	Cypress Head Golf Course - Contingent Proposed:				**-**	**-**	**-**	**-**	**-**	**-**	**-**	
	Total Cypress Head Golf Course - All:				**67**	**63**	**328**	**123**	**37**	**36**	**654**	

Fund Legend:

001 General Fund	301 Capital Projects (Gas Tax)	401 W/S Operating	412 Drainage
106 Recreation Facilities (YMCA)	312 Transp. Impact Fee	403 W/S R&R	450 Golf Course
109 Building Special Revenue	317 General Capital	405 W/S Impact Fee	505 Lease & Replacement
			506 Building Maintenance

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201697

Project Name:	Golf Course Capital Improvement Plan **FY17 thru FY22**	**Project Manager:**	Kemper Sports
Department:	Golf Course at Cypress Head	**Original Plan Date:**	
Location:	Golf Course at Cypress Head	**Concurrency Requirement:**	N/A

DESCRIPTION / JUSTIFICATION:

The City-owned Golf Club at Cypress Head opened in 1992. It was created by noted designers Arthur Hills and Mike Dasher and is considered one of the best public golf courses in the State of Florida. The facility is managed and operated by Kemper Sports.

	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
A/C Unit Replacement Program	5,000	10,000	5,000	5,000	3,000	5,000	33,000
Course Drainage Improvements	2,000	2,000	2,000	2,000	2,000	2,000	10,000
Course R&R Program	15,000	10,000	10,000	10,000	10,000	17,500	72,500
Course Tee Expansion Project	-	-	-	-	-	-	-
Restaurant Upgrades	-	-	15,000	-	-		15,000
Patio Room Upgrades	-	-	-	5,000	-	-	5,000
Pro Shop Upgrades	1,500	5,000	5,000	-	3,000	2,000	16,500
Kitchen Area Upgrades	-	5,000	5,000	-	5,000	-	15,000
Maintenance Facility Upgrades	10,500	3,000	7,000	-	3,000	8,000	31,500
Outdoor Lighting Replacement/Upgrades	1,000	-	-	10,000	-	1,500	11,000
Parking Lot Maintenance	-	-	-	5,000	-		5,000
Restaurant/Patio Upgrades and Repairs	-	5,000	-	5,000	2,000	-	12,000
Contingency for Unexpected Major Repairs	-	-	-	-	-	-	-
Total:	**35,000**	**40,000**	**49,000**	**42,000**	**28,000**	**36,000**	**226,500**

FY17 Details: A/C Unit Replacement Program: A/C in Pro Shop $5,000; Course Drainage Improvements: Course Fairways & Rough $2,000; Course R&R Program: $15,000 for emergency repairs ; Pro Shop Upgrades: $1,500 for displays; Maint. Facility Upgrades: $10,500 for covered area to protect equipment; Outdoor Lighting $1,000 repairs;

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	-	-	-	-	-		-
Construction	17,000	12,000	27,000	22,000	12,000	29,500	119,500
Equipment	18,000	28,000	22,000	20,000	16,000	6,500	110,500
TOTAL PROJECT COSTS	**35,000**	**40,000**	**49,000**	**42,000**	**28,000**	**36,000**	**230,000**

PROPOSED SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Golf Course Fund 450	35,000	40,000	49,000	42,000	28,000	36,000	230,000
Recreation Impact Fee Fund 611	-	-	-	-	-	-	-
Unfunded	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**35,000**	**40,000**	**49,000**	**42,000**	**28,000**	**36,000**	**230,000**

OPERATIONAL IMPACT

No additional operating costs are expected as a result of this project.

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Golf Course Operating Fund 450	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

LEASE AND REPLACEMENT FUND
FLEET REPLACEMENT SCHEDULE - Cypress Head Golf Course

VEH #	MAKE	DESCRIPTION	YEAR	FY17	FY18	FY19	FY20	FY21	FY22
Cypress Head Golf Course									
5823	CUSHMAN	TOP DRESSER	1992	-	-	-		-	-
5851	FORD	TRACTOR	1992	-	-	-	25,000	-	-
5873	BROUWER	SOD CUTTER	1992	-	-	-		-	-
6878	TORO	3100D ROUGH MOWER	1997	-	-	-	28,000	-	-
6879	TORO	3100D ROUGH MOWER	1997	-	-	-	28,000	-	-
6892	JOHN DEERE	2500B TEE MOWER	1997	-	-	27,000	-	-	-
6893	JOHN DEERE	2500B TEE MOWER (1693)	1997	-	-	27,000	-	-	-
NO #	TORO	VERTICUT REELS	1998	-	-	-	-	-	-
5970	AGRI METAL	360 BLOWER	1999	14,000	-	-	-	-	-
6546	TRION	WORKSTATION LIFT SYSTE	2001	-	-	-	-	-	-
6791	JOHN DEERE	5105 TRACTOR	2003	-	-	-	-	-	-
6880	TORO	WORKMAN 3200 UTILITY VI	2005	18,000	-	-	-	-	-
6881	SALSCO	6" CHIPPER	2005	-	-	-	-	-	-
6883	BUFFALO	BLOWER	2006	-	-	-	-	9,000	-
6882	MONTANA	4920 FRONT END LOADER	2007	-	-	-	-	-	-
6887	CUSHMAN	TURF TRUCKSTER	2007	-	-	-	-	-	-
6892	JOHN DEERE	2500B GREENS MOWER	2008	-	-	-	-	-	-
6893	JOHN DEERE	2500B GREENS MOWER	2008	-	-	-	-	-	-
6896	JOHN DEERE	7700 FAIRWAY MOWER	2009	-	-	-	-	-	-
6897	JOHN DEERE	7700 FAIRWAY MOWER	2009	-	-	-	-	-	-
6898	JOHN DEERE	1445 DECK MOWER	2009	-	23,000	-	-	-	-
6899	SISIS	GREENS MULTI SHEARER	2009	-	-	-	-	-	-
9229	CUSHMAN	HAULER 800	2012	-	-	-	-	-	-
9230	CUSHMAN	HAULER 1200	2012	-	-	-	-	-	-
9405	JOHN DEERE	2500B GREENS MOWER	2013	-	-	-	-	-	-
9406	JOHN DEERE	1200A BUNKER RAKE	2013	-	-	-	-	-	-
9408	JOHN DEERE	2500B GREENS MOWER	2013	-	-	-	-	-	-
9532	JOHN DEERE	2500B GREENS MOWER	2014	-	-	-	-	-	-
9533	JOHN DEERE	2500B GREENS MOWER	2014	-	-	-	-	-	-
9530/9531	JOHN DEERE	PROGATOR WITH HD110 SI	2014	-	-	-	-	-	-
9559	JOHN DEERE	GATOR TE ELECTRIC	2015	-	-	-	-	-	-
9560	JOHN DEERE	GATOR TE ELECTRIC	2015	-	-	-	-	-	-
9603	TORO	3280 72" MOWER	2015	-	-	-	-	-	-
9604	TORO	PROFORCE BLOWER	2015	-	-	-	-	-	-
9798	KUBOTA	L3901 TRACTOR	2016	-	-	-	-	-	-
9799	TORO	PRO PASS SPREADER	2016	-	-		-	-	-
	EZ GO	GOLF CARTS (75)	2016	-	-	225,000	-	-	-
		TOTAL Golf Course at Cypress Head		**32,000**	**23,000**	**279,000**	**81,000**	**9,000**	**-**

Operational Impact: No additional operating costs are expected from this routine replacement of fleet vehicles

YMCA

FY17 – FY22 CIP Request

Draft 2

06/14/16

Summary by Department and Funding Status
(in thousands)

#	Project	Department	Funding Status	Funding Source	FY17	FY18	FY19	FY20	FY21	FY22	Total	Pg. #
YMCA												
201514	Air Conditioner Replacements	YMCA	Funded	106	50	16	16	-	-	-	82	193
201515	Lighting Replacement	YMCA	Funded	106	30	-	-	-	-	-	30	194
201516	Ceiling Tile and Grid Replacement	YMCA	Funded	106	50	-	-	-	-	-	50	195
201517	Bathroom Replacements	YMCA	Funded	106	-	-	-	-	25	-	25	196
201719	Woman's Locker Room Renovation	YMCA	Funded	106	-	220	-	-	-	-	220	197
	Total YMCA - All:				**130**	**236**	**16**	**-**	**25**	**-**	**407**	
	YMCA - Funded:				**130**	**236**	**16**	**-**	**25**	**-**	**407**	
	YMCA - Unfunded:				**-**	**-**	**-**	**-**	**-**	**-**	**-**	
	YMCA - Contingent Proposed:				**-**	**-**	**-**	**-**	**-**	**-**	**-**	
	Total YMCA - All:				**130**	**236**	**16**	**-**	**25**	**-**	**407**	

Fund Legend:

001 General Fund	301 Capital Projects (Gas Tax)	401 W/S Operating	412 Drainage
106 Recreation Facilities (YMCA)	312 Transp. Impact Fee	403 W/S R&R	450 Golf Course
109 Building Special Revenue	317 General Capital	405 W/S Impact Fee	505 Lease & Replacement
			506 Building Maintenance

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201514

Project Name:	Air Conditioner Replacements	**Project Manager:**	Bill Kennedy
Department:	YMCA	**Original Plan Date:**	03/20/15
Location:	Port Orange Family YMCA	**Concurrency Requirement:**	

Goal / Objective: Goal 2 Objective 1

DESCRIPTION / JUSTIFICATION:

The Port Orange Family YMCA offers a wide variety of programs and services for the citizens of Port Orange and surrounding areas. Through an agreement with the City, the YMCA is responsible for management and general operations of the complex. A separate capital reserve fund was established to address major repairs and capital improvements for the facility.

Replacement of air conditioners at various locations. Two thirds of the YMCA's air conditioning equipment is 16 years old.The 15 ton split unit- Wellness Area and the 10 ton unit - Southwest Gym were funded in FY16.

Adding of electronic dampening system to the duct work in Studio's A and B. This system will allow for the control of air flow in each room without effecting the temperature in the adjoining rooms. Replace all thermostats throughout facility with equipment that can be programed remotely.

Description	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
							-
1 ea. Package Unit #3 (rooftop) - Group Exercise Rooms, Free Weight Area and Hallway	20,000						20,000
1 ea. Package Unit #4 - Racquetball Courts	15,000						15,000
2 ea. 10 ton units - Northeast and Southeast Gym			16,000				16,000
2 ea. 10 ton units - Halifax Therapy and Childcare		16,000					16,000
Electronic Dampening System to the Duct work in Studio A and B and Thermostats Replacement	15,000						15,000
Totals:	**50,000**	**16,000**	**16,000**	**-**	**-**	**-**	**82,000**

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	-	-	-	-	-	-	-
Construction	50,000	16,000	16,000	-	-	-	82,000
Equipment	-		-	-	-	-	-
TOTAL PROJECT COSTS	**50,000**	**16,000**	**16,000**	**-**	**-**	**-**	**82,000**

SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Recreation Facilities Fund 106	50,000	16,000	16,000	-	-	-	82,000
Unfunded	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**50,000**	**16,000**	**16,000**	**-**	**-**	**-**	**82,000**

OPERATIONAL IMPACT

No additional operating costs are expected as a result of this project.

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Recreation Facilities Fund 106	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201515

Project Name:	Lighting Replacement	**Project Manager:**	Bill Kennedy
Department:	YMCA	**Original Plan Date:**	03/20/15
Location:	Port Orange Family YMCA	**Concurrency Requirement:**	

Goal / Objective: Goal 2 Objective 1

DESCRIPTION / JUSTIFICATION:

The Port Orange Family YMCA offers a wide variety of programs and services for the citizens of Port Orange and surrounding areas. Through an agreement with the City, the YMCA is responsible for management and general operations of the complex. A separate capital reserve fund was established to address major repairs and capital improvements for the facility.

This project calls for the replacement of 230 each T12 lighting fixtures with new T8 fixtures and bulbs. This will improve energy efficiency and replace deficient and obsolete equipment. It was originally fully funded in FY16 at $30,000, however the money was repurposed to repair leak in the women's locker room. This was a change order to Phase III YMCA Renovations - Project QPC060.The $30,000 is being refunded in the FY17 CIP.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	-	-	-	-	-	-	-
Construction	30,000	-	-	-	-	-	30,000
Equipment	-		-	-	-	-	-
TOTAL PROJECT COSTS	**30,000**	**-**	**-**	**-**	**-**	**-**	**30,000**

SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Recreation Facilities Fund 106	30,000	-	-	-	-	-	30,000
Unfunded	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**30,000**	**-**	**-**	**-**	**-**	**-**	**30,000**

OPERATIONAL IMPACT

No additional operating costs are expected as a result of this project.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Recreation Facilities Fund 106	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201516

Project Name:	Ceiling Tile and Grid Replacement	**Project Manager:**	Bill Kennedy
Department:	YMCA	**Original Plan Date:**	03/20/15
Location:	Port Orange Family YMCA	**Concurrency Requirement:**	

Goal / Objective: Goal 2 Objective 1

DESCRIPTION / JUSTIFICATION:

The Port Orange Family YMCA offers a wide variety of programs and services for the citizens of Port Orange and surrounding areas. Through an agreement with the City, the YMCA is responsible for management and general operations of the complex. A separate capital reserve fund was established to address major repairs and capital improvements for the facility.

This project calls for the replacement of all ceiling tile and grid throughout the facility with 2x2 ceiling tile. Also replacement of all rusted a/c vents and sprinkler heads. The ceiling tile replacement will be done in concert with the lighting replacement - project # QPC066.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	-	-	-	-	-	-	-
Construction	50,000	-	-			-	50,000
Equipment	-		-	-	-	-	-
TOTAL PROJECT COSTS	**50,000**	**-**	**-**	**-**	**-**	**-**	**50,000**

SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Recreation Facilities Fund 106	50,000	-	-			-	50,000
Unfunded	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**50,000**	**-**	**-**	**-**	**-**	**-**	**50,000**

OPERATIONAL IMPACT

No additional operating costs are expected as a result of this project.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Recreation Facilities Fund 106	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201517

Project Name:	Bathroom Replacements	**Project Manager:**	Bill Kennedy
Department:	YMCA	**Original Plan Date:**	03/20/15
Location:	Port Orange Family YMCA	**Concurrency Requirement:**	

Goal / Objective: Goal 2 Objective 1

DESCRIPTION / JUSTIFICATION:

The Port Orange Family YMCA offers a wide variety of programs and services for the citizens of Port Orange and surrounding areas. Through an agreement with the City, the YMCA is responsible for management and general operations of the complex. A separate capital reserve fund was established to address major repairs and capital improvements for the facility.

This project calls for the replacement of our outdated toilets, sinks, and plumbing as well as replacement of bathroom stalls.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Engineering & Planning	-	-	-	-	-	-	-
Construction	-	-	-	-	25,000		25,000
Equipment	-		-	-	-	-	-
TOTAL PROJECT COSTS	**-**	**-**	**-**	**-**	**25,000**	**-**	**25,000**

SOURCES OF FUNDS:	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Recreation Facilities Fund 106	-	-	-	-	25,000		25,000
Unfunded	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**-**	**-**	**-**	**-**	**25,000**	**-**	**25,000**

OPERATIONAL IMPACT

No additional operating costs are expected as a result of this project.

OPERATIONAL IMPACT	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FUNDING SOURCES	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL
Recreation Facilities Fund 106	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201719

Project Name:	Woman's Locker Room Renovation	**Project Manager:**	Bill Kennedy
Department:	YMCA	**Original Plan Date:**	03/20/16
Location:	Port Orange Family YMCA	**Concurrency Requirement:**	

Goal / Objective: Goal 2 Objective 1

DESCRIPTION / JUSTIFICATION:

The Port Orange Family YMCA offers a wide variety of programs and services for the citizens of Port Orange and surrounding areas. Through an agreement with the City, the YMCA is responsible for management and general operations of the complex. A separate capital reserve fund was established to address major repairs and capital improvements for the facility.

This project calls for the renovation of the women's adult locker room. This project, except for color selections, will mirror the men's adult locker room renovation.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Engineering & Planning	-	-	-	-	-	-	-
Construction	-	220,000	-	-			220,000
Equipment	-		-	-	-	-	-
TOTAL PROJECT COSTS	**-**	**220,000**	**-**	**-**	**-**	**-**	**220,000**
SOURCES OF FUNDS:	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Recreation Facilities Fund 106	-	220,000	-	-			220,000
Unfunded	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**-**	**220,000**	**-**	**-**	**-**	**-**	**220,000**

OPERATIONAL IMPACT

No additional operating costs are expected as a result of this project.

OPERATIONAL IMPACT	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Additional Revenues							
Charges for Services	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-
Less Additional Expenditures							
New Personnel	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**
FUNDING SOURCES	**FY17**	**FY18**	**FY19**	**FY20**	**FY21**	**FY22**	**TOTAL**
Recreation Facilities Fund 106	**-**	**-**	-	-	-	-	-
	-	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**