PORT ORANGE CITY COUNCIL WORKSHOP

Council Chambers

Wednesday, July 11, 2018 @ 5:30 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. Silent Invocation
2. Pledge of Allegiance
3. Roll Call

DISCUSSION ITEMS

4. Capital Improvement Program

ADJOURNMENT

ANY PERSON WHO DECIDES TO APPEAL ANY DECISION MADE BY THE CITY COUNCIL WILL NEED A RECORD OF THE PROCEEDINGS, AND FOR SUCH PURPOSE HE OR SHE MAY NEED TO ENSURE AT HIS OR HER OWN EXPENSE FOR THE TAKING AND PREPARATION OF A VERBATIM RECORD OF ALL TESTIMONY AND EVIDENCE OF THE PROCEEDINGS UPON WHICH THE APPEAL IS TO BE BASED.

NOTE: IF YOU ARE A PERSON WITH A DISABILITY WHO NEEDS AN ACCOMMODATION IN ORDER TO PARTICIPATE IN THIS PROCEEDING, YOU ARE ENTITLED, AT NO COST TO YOU, TO THE PROVISION OF CERTAIN ASSISTANCE. PLEASE CONTACT THE CITY CLERK FOR THE CITY OF PORT ORANGE, 1000 CITY CENTER CIRCLE, PORT ORANGE, FLORIDA 32129, TELEPHONE NUMBER 386-506-5563, CITYCLERK@PORT-ORANGE.ORG, AS FAR IN ADVANCE AS POSSIBLE, BUT PREFERABLY WITHIN 2 WORKING DAYS OF YOUR RECEIPT OF THIS NOTICE OR 5 DAYS PRIOR TO THE MEETING DATE. IF YOU ARE HEARING OR VOICE IMPAIRED, CONTACT THE RELAY OPERATOR AT 7-1-1 or 1-800-955-8771.

UPON REQUEST BY A QUALIFIED INDIVIDUAL WITH A DISABILITY, THIS DOCUMENT WILL BE MADE AVAILABLE IN AN ALTERNATE FORMAT. IF YOU NEED TO REQUEST THIS DOCUMENT IN AN ALTERNATE FORMAT, PLEASE CONTACT THE CITY CLERK WHOSE CONTACT INFORMATION IS PROVIDED ABOVE.

ANY INVOCATION THAT IS OFFERED BEFORE THE OFFICIAL START OF THE CITY COUNCIL MEETING SHALL BE THE VOLUNTARY OFFERING OF A PRIVATE PERSON, TO AND FOR THE BENEFIT OF THE CITY COUNCIL. THE VIEWS OR BELIEFS EXPRESSED BY THE INVOCATION SPEAKER HAVE NOT BEEN PREVIOUSLY REVIEWED OR APPROVED BY THE CITY COUNCIL OR THE CITY STAFF, AND THE CITY IS NOT ALLOWED BY LAW TO ENDORSE THE RELIGIOUS BELIEFS OR VIEWS OF THIS, OR ANY OTHER SPEAKER. PERSONS IN ATTENDANCE AT THE CITY COUNCIL MEETING ARE INVITED TO STAND DURING THE OPENING INVOCATION AND PLEDGE OF ALLEGIANCE. HOWEVER, SUCH INVITATION SHALL NOT BE CONSTRUED AS A DEMAND, ORDER, OR ANY OTHER TYPE OF COMMAND. NO PERSON IN ATTENDANCE AT THE MEETING SHALL BE REQUIRED TO PARTICIPATE IN ANY OPENING INVOCATION THAT IS OFFERED. A PERSON MAY EXIT THE CITY COUNCIL CHAMBERS AND RETURN UPON COMPLETION OF THE OPENING INVOCATION IF A PERSON DOES NOT WISH TO PARTICIPATE IN OR WITNESS THE OPENING INVOCATION.







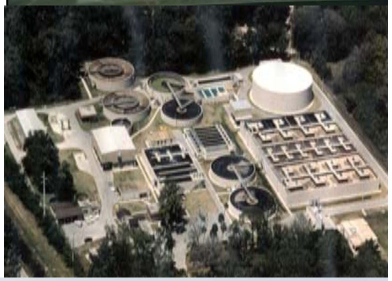
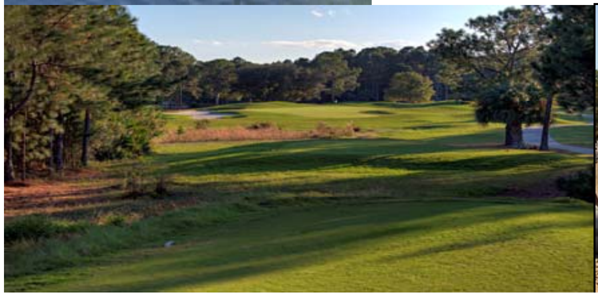

Capital Improvement Program (CIP)

Fiscal Years 2019 – 2024

July 11, 2018

5:30 p.m.




Current City Goals

- Goal 1 – Public Safety
- Goal 2 – Infrastructure
- Goal 3 – Quality of Life
- Goal 4 – Economic Development
- Goal 5 – Fiscal Sustainability
- Goal 6 – Organizational Excellence

Purpose / Agenda

- **Purpose:** Summarize Capital Projects in FY 19 – 24 Draft CIP
- **Agenda:**
  - CIP Planning Process
  - Department Presentation
  - Questions/Comments
- **Goals**
  - Understand Council Priorities
  - Answer Questions

CIP Planning Process

- ✓ Departments submit project requests
- ✓ Community Development reviews for Consistency with Comprehensive Plan
- ✓ Information Technology reviews for Consistency with Technology Plan
- ✓ Finance evaluates funding sources
- ✓ Finance forecasts revenues and expenses over 6 year planning period
- ✓ Draft 1 of CIP Program submitted to City Council on April 17, 2018
- ✓ June 26, 2018 – Draft 2 of CIP Program provided to City Council for review

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- ❑ July 11, 2018 – CIP Workshop with City Council
- ❑ August 7, 2018 – City Council Public Hearing to adopt CIP in concept – Deadline to adopt is August 15th

Capital Improvement Types

1. Repair and Rehabilitation
2. Fleet/Equipment Replacement
3. Growth/Concurrency

Capital Improvement Program (CIP) FY19 –FY24

Proposed FY 2019 Projects Vs. FY 2018 Approved (In Thousands)		
Fiscal Year	FY 19 (CIP Draft 2)	FY 18 Approved
Identified Funding	10,983	9,958
Contingent Funding	2,146	3,713
Requested but Unfunded	3,085	3,133
Total:	**16,214**	**16,804**

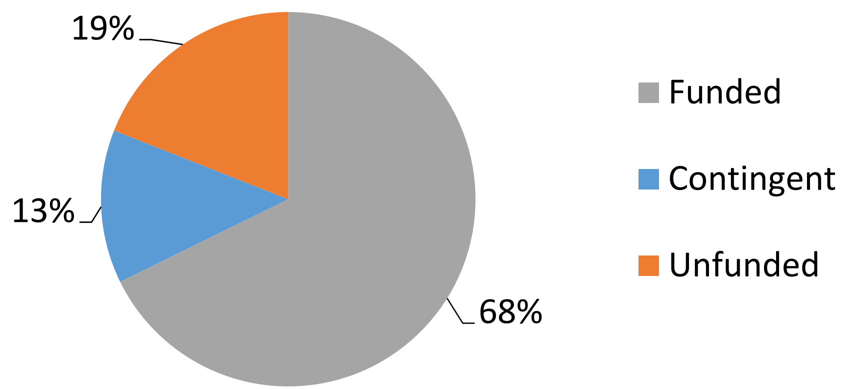
Proposed FY 2019 - FY 2024 Projects (In Thousands)	
Fiscal Year	FY 19 - FY 24 (CIP Draft 2)
Identified Funding	74,973
Contingent Funding	33,095
Requested but Unfunded	9,956
Total:	**118,024**

1,000 (in thousands) equals $1,000,000

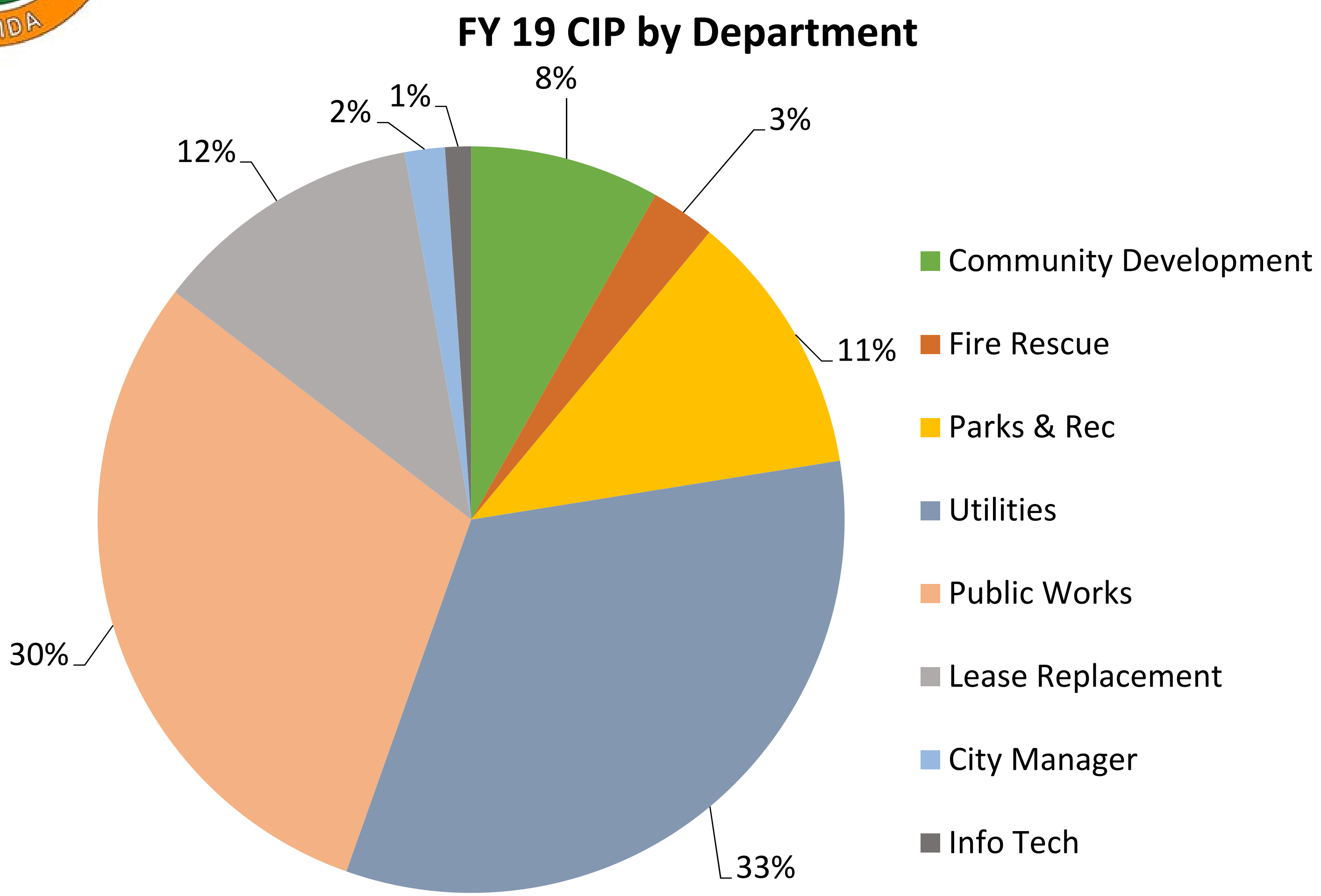
Total Capital Requests by Funding Status

CIP Project Requests by Funding Status (in Thousands)							
Funding Status	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Funded	10,983	18,958	18,754	11,808	7,631	6,839	**74,973**
Contingent Funding	2,146	6,928	11,798	2,668	4,980	4,575	**33,095**
Unfunded	3,085	3,677	1,279	1,727	188	-	**9,956**
Total:	**16,214**	**29,563**	**31,831**	**16,203**	**12,799**	**11,414**	**118,024**

FY19 CIP by Funded Status



Total Capital Requests by Department



Total Capital Requests by Department

INCLUDES FUNDED, UNFUNDED AND CONTINGENT.

CIP Project Request by Department (in Thousands)

Department/Program	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Total
City Manager	282	282	282	-	-	-	**846**
Community Development	1,333	5,276	6,576	518	4,350	-	**18,053**
Fire and Rescue	454	1,608	66	360	40	-	**2,528**
Information Technology	182	185	85	85	85	85	**707**
Parks and Recreation	1,721	1,800	695	1,170	795	4,575	**10,756**
Cypress Head Golf Course	20	250	250	-	-	-	**520**
YMCA	117	-	-	-	-	-	**117**
Police	-	-	-	-	-	-	**-**
Public Utilities	5,342	13,941	18,940	10,020	3,975	3,500	**55,718**
Public Works	2,362	1,589	939	900	923	900	**7,613**
Stormwater Utility	2,502	2,322	2,296	2,413	900	655	**11,088**
Vehicle Replacement	1,899	2,310	1,702	737	1,731	1,699	**10,078**
Total:	**16,214**	**29,563**	**31,831**	**16,203**	**12,799**	**11,414**	**118,024**

Information About Detail Slides

Guide to Presentation:

- Summaries are rounded to the nearest thousand.
- Detailed slides are provided only for projects that have a "Funded" status in FY 19.

City Manager

CIP Project Request by Priority (in Thousands)								
Dept. Priority	Project	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Total
1	Enterprise Resource Planning System	282	282	282	-	-	-	**846**
	Total:	**282**	**282**	**282**	**-**	**-**	**-**	**846**

Where we are

Where we want to be

Note: Please refer to pg. 161 of the Draft 2 CIP Book for more details.

City Manager #1

Enterprise Resource Planning System							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Lease and Replacement Fund	282,000	282,000	282,000	-	-	-	846,000
Total:	**282,000**	**282,000**	**282,000**	**-**	**-**	**-**	**846,000**

Description:

Implement a comprehensive, integrated city-wide business modernization ERP solution.

Impact:

Our current legacy system, Superion is 29 years old and is unable to provide the modern applications and components required to effectively manage a municipality. As of this writing we have narrowed down the possible platforms to: Tyler Munis, Oracle, and Workday. Implementing a new ERP system will have multiple benefits including:

- Improvements in our core business processes
- Increased transparency
- Increases in efficiencies that will allow staff to focus on more important activities
- Increases in customer service and,
- Decreased turn around time for internal and external customers.

Please refer to pg. 163 of the Draft 2 CIP Book for more detail.

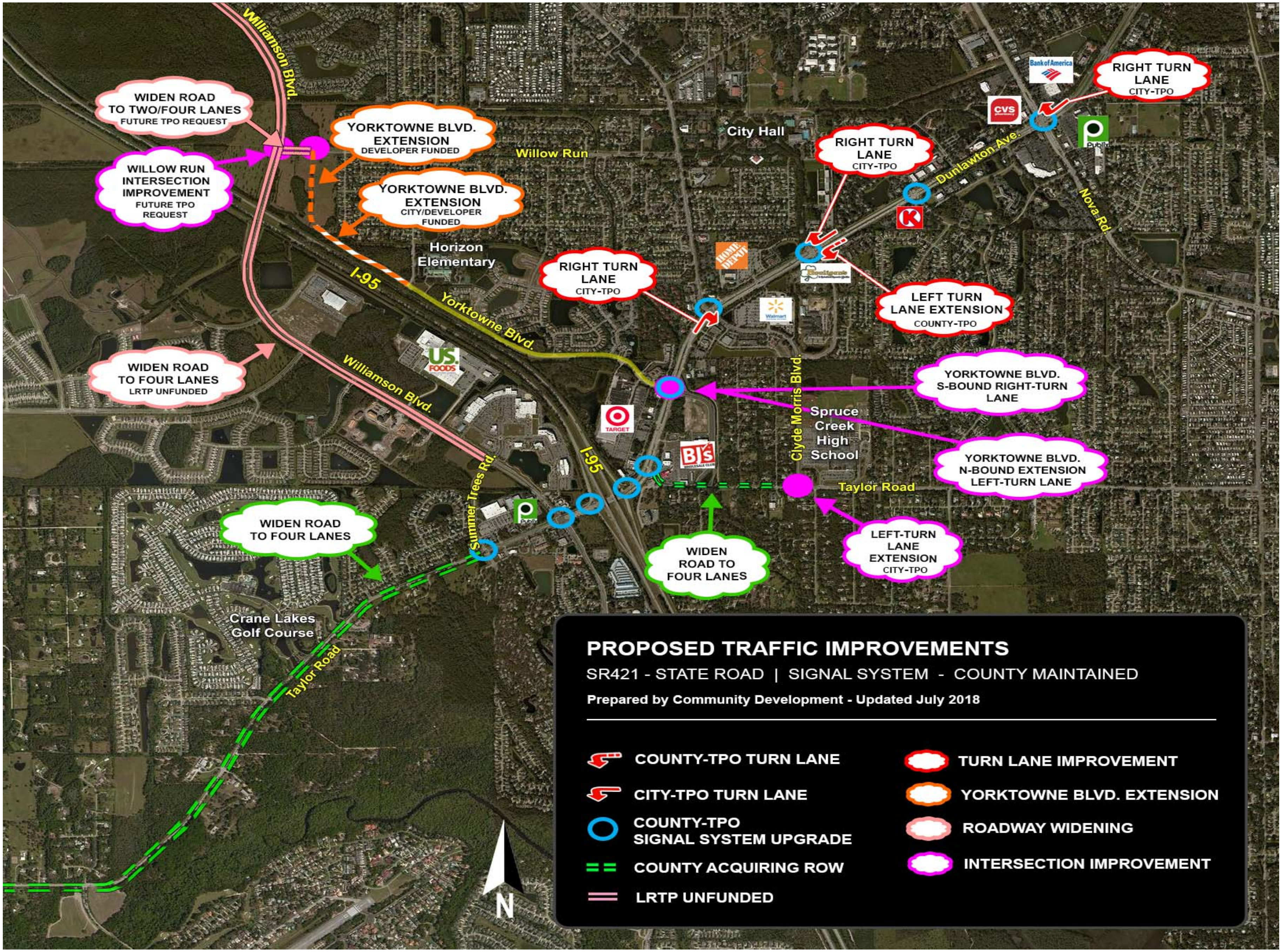
INCLUDES FUNDED, UNFUNDED AND CONTINGENT.

CIP Project Request by Priority (in Thousands)

Dept. Priority	Project	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Total
1	WB Dunlawton Ave Right Turn Lane at City Cir	49	307	-	-	-	-	**356**
2	EB Dunlwtn Ave. Right Turn Ln Clyde Morris Blvd.	75	425	-	-	-	-	**500**
3	Sidewalk Gap Project	84	479	-	-	-	-	**563**
4	Madeline Avenue (West) Sidewalk	20	100	1,000	-	-	-	**1,120**
5	Taylor Rd/Clyde Morris Blvd. Inter Feasibility	20	50	350	-	-	-	**420**
6	Taylor Rd/Williamson Blvd. Inter Feasibility Study	37	-	-	-	-	-	**37**
7	EB Herbert St. Left Turn Lane at Nova Rd. - TPO*	18	100	660	-	-	-	**778**
8	Willow Run Blvd. Sidewalk (South Side) - TPO*	54	205	-	-	-	-	**259**
9	Madeline Ave. (East) Sidewalks - TPO*	18	100	1,000	-	-	-	**1,118**
10	Willow Run Blvd Widening	-	200	1,125	-	-	-	**1,325**
11	WB Dunlawton Ave Rt Turn Lane at Nova Rd.	-	110	421	-	-	-	**531**
12	Yorktowne Blvd North Section (Nautica Lakes)	-	1,200	-	-	-	-	**1,200**
13	Halifax Drive Linear Park (Multi-Purpose Trail)	-	300	1,800	-	-	-	**2,100**
14	Williamson Blvd North of Pavilion	-	-	220	261	2,200	-	**2,681**
15	Coraci Blvd Extension	-	-	-	257	2,150	-	**2,407**
16	Beautification of I-95 Interchange - Unfunded	498	-	-	-	-	-	**498**
17	ADA Transition Plan - Unfunded	200	200	-	-	-	-	**400**
18	WB Dunlwtn Ave Rt Turn Ln-Nova Rd.-Unfunded	260	-	-	-	-	-	**260**
19	Riverwalk Park - Unfunded	-	1,500	-	-	-	-	**1,500**
	Total:	**1,333**	**5,276**	**6,576**	**518**	**4,350**	**-**	**18,053**

Note: TPO* - means that in FY19 the project is not requesting any City funding. The TPO will cover the cost.

Note: Summary doesn't include Fleet Replacement. Please refer to pg. 4 of the Draft 2 CIP Book for more details.



WIDEN ROAD TO TWO/FOUR LANES FUTURE TPO REQUEST
WILLOW RUN INTERSECTION IMPROVEMENT FUTURE TPO REQUEST
YORKTOWNE BLVD. EXTENSION DEVELOPER FUNDED
YORKTOWNE BLVD. EXTENSION CITY/DEVELOPER FUNDED
Williamson Blvd.
Willow Run
City Hall
RIGHT TURN LANE CITY-TPO
RIGHT TURN LANE CITY-TPO
Dunlawton Ave.
Nova Rd
Horizon Elementary
I-95
Yorktowne Blvd.
RIGHT TURN LANE CITY-TPO
LEFT TURN LANE EXTENSION COUNTY-TPO
WIDEN ROAD TO FOUR LANES LRTP UNFUNDED
Williamson Blvd.
YORKTOWNE BLVD. S-BOUND RIGHT-TURN LANE
Clyde Morris Blvd.
Spruce Creek High School
YORKTOWNE BLVD. N-BOUND EXTENSION LEFT-TURN LANE
I-95
Taylor Road
Summer Trees Rd.
WIDEN ROAD TO FOUR LANES
WIDEN ROAD TO FOUR LANES
LEFT-TURN LANE EXTENSION CITY-TPO
Crane Lakes Golf Course
Taylor Road
N
PROPOSED TRAFFIC IMPROVEMENTS
SR421 - STATE ROAD | SIGNAL SYSTEM - COUNTY MAINTAINED
Prepared by Community Development - Updated July 2018
COUNTY-TPO TURN LANE
CITY-TPO TURN LANE
COUNTY-TPO SIGNAL SYSTEM UPGRADE
COUNTY ACQUIRING ROW
LRTP UNFUNDED
TURN LANE IMPROVEMENT
YORKTOWNE BLVD. EXTENSION
ROADWAY WIDENING
INTERSECTION IMPROVEMENT

Community Development #1

WB Dunlawton Ave Right Turn Lane at City Cir Pkwy.							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Gas Tax Fund	2,000	76,000	-	-	-	-	78,000
TPO Grant	47,000	231,000	-	-	-	-	278,000
Total:	**49,000**	**307,000**	**-**	**-**	**-**	**-**	**356,000**

Description:

This project consists of a proposal to construct a westbound right turn lane on Dunlawton Avenue at the intersection with City Center Parkway.

Impact:

Traffic Improvement Projects are part of Strategic Plan Goal 3 (Quality of Life), priority 3.5 – Improve traffic flow in the City by working with Federal, State and County governments. The project will add roadway capacity at the intersection and reduce delays for westbound Dunlawton Avenue vehicles turning right. Based on the Feasibility Study, 12% of vehicles traveling westbound in the morning (8am to 9am) and 8% of vehicles traveling westbound in the afternoon (2:45pm to 3:45pm) turned right onto City Center Parkway.

Please refer to pg. 58 of the Draft 2 CIP Book for more detail.

EB Dunlawton Ave Right Turn Lane at Clyde Morris Blvd.							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Gas Tax fund	8,000	87,000	-	-	-	-	95,000
TPO Grant	67,000	338,000	-	-	-	-	405,000
Total:	**75,000**	**425,000**	**-**	**-**	**-**	**-**	**500,000**

Description:

This project consists of a proposal to construct a right turn lane on eastbound Dunlawton Avenue at the intersection with Clyde Morris Boulevard.

Impact:

Traffic Improvement Projects are part of Strategic Plan Goal 3 (Quality of Life), priority 3.5 – Improve traffic flow in the City by working with Federal, State and County governments. The project will add roadway capacity at the intersection and reduce delays for westbound Dunlawton Avenue vehicles turning right.

Please refer to pg. 59 of the Draft 2 CIP Book for more detail.

Community Development #3

Sidewalk Gap Project							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Transportation Impact Fee Fund	8,000	153,000	-	-	-	-	161,000
TPO Grant	76,000	326,000	-	-	-	-	402,000
Total:	**84,000**	**479,000**	**-**	**-**	**-**	**-**	**563,000**

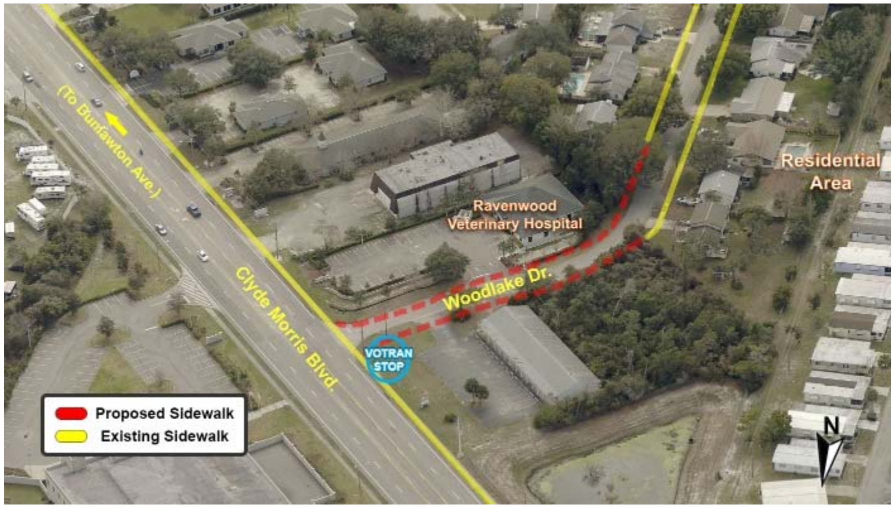
Description:

This project consists of filling sidewalk gaps along major roadways to enhance pedestrian connectivity to schools, bus stops, parks, and retail areas. The 2016 TPO included: Clyde Morris Boulevard (west side) from Dunlawton Avenue to Walgreens driveway; Herbert Street (south side) from City Center Drive to Gulfstream Village driveway; Ravenwood Dr. (north and south sides) 300’ west of Clyde Morris Blvd.; Taylor Road (west side) from Dunlawton Avenue to Journey’s End Way.; Woodlake Drive (north and south side) 300’ west of Clyde Morris Boulevard.

Impact:

Sidewalks are part of Strategic Plan Goal 3 (Quality of Life), priority 3.2 – Plan, fund and build paths and trails that connect people to parks and places. Completing these gaps will improve the safety of pedestrians that walk along these major roadway corridors by eliminating the need to use the shoulder or roadway.

Please refer to pg. 74 of the Draft 2 CIP Book for more detail.


(To Dunlawton Ave.)
Ravenwood Veterinary Hospital
Residential Area
Woodlake Dr.
Clyde Morris Blvd.
VOTRAN STOP
Proposed Sidewalk
Existing Sidewalk
N


N
MANNY'S PIZZA HOUSE
Ravenwood Square
java jungle
Ravenwood Subdivision
Woodlake Dr.
(To Dunlawton Ave.)
VOTRAN STOP
Ravenwood Dr.
Sandcastle Learning Center
Clyde Morris Blvd.
Proposed Sidewalk
Existing Sidewalk


Gulfstream Village Condo
City Center Complex
City Center Dr.
(To Clyde Morris Blvd.)
Herbert Street
VOTRAN STOP
(To Nova Rd. & Silver Sands Middle School)
N
Proposed Sidewalk
Existing Sidewalk


BJ's
LA FITNESS
Residential Area
Taylor Rd.
Church
Altamira Shopping Village
golden corral
Taylor Branch Rd.
VOTRAN STOP
Shell
Dunlawton Ave.
Hotel
Proposed Sidewalk
Existing Sidewalk
LAQUINTA
N

Madeline Avenue (West) Sidewalk							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Transportation Impact Fee Fund	2,000	10,000	280,000	-	-	-	292,000
TPO Grant	18,000	90,000	720,000	-	-	-	828,000
Total:	**20,000**	**100,000**	**1,000,000**	**-**	**-**	**-**	**1,120,000**

Description:

This project consists of constructing a minimum eight-foot wide sidewalk along the north side of Madeline Avenue, from Williamson Boulevard to Clyde Morris Boulevard, and a five-foot wide sidewalk on the south of Madeline Avenue, from Williamson Boulevard to Clyde Morris Boulevard.

Impact:

Sidewalks are part of Strategic Plan Goal 3 (Quality of Life), priority 3.2 – Plan, fund and build paths and trails that connect people to parks and places. Completing these sidewalk segments will improve the safety of pedestrians that walk along this corridor by eliminating the need to use the shoulder or roadway. This segment will also be part of the East/West Trail that will eventually provide a safe multi-purpose trail for all residents to walk or bike from Coraci Park to Riverwalk Park.

Please refer to pg. 72 of the Draft 2 CIP Book for more detail.

Community Development #5

Taylor Rd./Clyde Morris Blvd. Intersection Feasibility Study							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Transportation Impact Fee Fund	2,000	5,000	80,000	-	-	-	87,000
TPO Grant	18,000	45,000	270,000	-	-	-	333,000
Total:	**20,000**	**50,000**	**350,000**	**-**	**-**	**-**	**420,000**

Description:

This project consists of looking at options to modify the intersection at Taylor Road/Clyde Morris Boulevard to improve movement through the intersection, specifically the eastbound Taylor Road though movement and left-turn onto Clyde Morris Boulevard.

Impact:

Traffic Improvement Projects are part of Strategic Plan Goal 3 (Quality of Life), priority 3.5 – Improve traffic flow in the City by working with Federal, State and County governments. The project will expand the left turn lane to assist in maintaining the functional capacity of Taylor Road and reduce congestion at the Taylor Road and Clyde Morris Boulevard intersection during AM and PM rush hour.

Please refer to pg. 75 of the Draft 2 CIP Book for more detail.

Community Development #6

Taylor Rd./Williamson Blvd. Intersection Feasibility Study							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Transportation Impact Fee Fund	1,000	-	-	-	-	-	1,000
TPO Grant	36,000	-	-	-	-	-	36,000
Total:	**37,000**	**-**	**-**	**-**	**-**	**-**	**37,000**

Description:

This project will consist of a Feasibility Study to identify effective improvements to minimize delays to traffic, eliminate or reduce crashes, and improve sidewalks and crosswalks for pedestrians at the Taylor Road and Williamson Boulevard intersection, and along the Taylor Road/Dunlawton Avenue corridor at I-95.

Impact:

The main objective of this request is for a Feasibility Study that identifies specific intersection and roadway improvements for both vehicles and pedestrians, and provides cost estimates for the proposed improvements. A feasibility study will first need to be conducted to identify intersection improvements and develop an estimated cost for design and construction of the recommended projects.

Please refer to pg. 73 of the Draft 2 CIP Book for more detail.

Fire and Resecue

INCLUDES FUNDED, UNFUNDED AND CONTINGENT.

CIP Project Request by Priority (in Thousands)								
Dept. Priority	**Project**	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
1	Radios	215	-	-	-	-	-	215
2	Emergency Traffic Control	120	167	-	-	-	-	287
3	Training Facility / Tower	75	1,425	-	-	-	-	1,500
4	Thermal Imaging Camera Replacement Program	-	16	16	15	-	-	47
5	Extrication Equipment	-	-	-	-	40	-	40
6	Gear Extractor and Dryers - Unfunded	44	-	-	-	-	-	44
7	SCB Apparatus Fill Station - Unfunded		-	-	45	-	-	45
8	Addition to FS 71 - Unfunded	-	-	50	300	-	-	350
	Total:	**454**	**1,608**	**66**	**360**	**40**	**-**	**2,528**

Note: Summary doesn't include Fleet Replacement. Please refer to pg. 5 of the Draft 2 CIP Book for more detail.

Fire and Rescue #1

Radios							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Lease and Replacement Fund	215,000	-	-	-	-	-	215,000
Total:	**215,000**	**-**	**-**	**-**	**-**	**-**	**215,000**

Description:

Replacement of 64 hand-held portable radios that were discontinued by the manufacturer with P25 compliant radios.

Impact:

Our sixty-four hand-held portable radios were discontinued by Harris Corporation in 2010, and end of support was December 31, 2015. Additionally, Volusia County owns the PSAPs, and will be switching over to a full P25 phase II compliant system, as Harris Corporation (proprietors of the current, outdated EDACS radio system) has announced that they will no longer support EDACS after 2017. The City has re-applied for a AFG Grant and If the grant is awarded the City might only need to fund 10% of the cost.

Please refer to pg. 167 of the Draft 2 CIP Book for more detail.

Fire and Rescue #2

Emergency Traffic Control							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Lease and Replacement Fund	120,000	167,000	-	-	-	-	287,000
Total:	**120,000**	**167,000**	**-**	**-**	**-**	**-**	**287,000**

Description:

Replacement of the current infrared Traffic Management System (TMS), which was implemented in 1997, then upgraded to cover the majority of the City's intersections in all four directions in 2001. The system has become unreliable, antiquated, and expensive to repair.

Impact:

The replacement of the TMS with a modern GPS system will provide the City with a more reliable and efficient TMS. The benefits to the City include: reduction in response times up to 25%, 70% reduction in crash rates at intersections, and decreases liability. Additionally, this system has the capability of being utilized by all city departments.

Please refer to pg. 166 of the Draft 2 CIP Book for more detail.

Fire and Rescue #3

Training Facility / Tower							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Fire Impact Fee Fund	75,000	403,000	-	-	-	-	478,000
General Capital Fund - Unfunded	-	522,000	-	-	-	-	522,000
Funding from Other Cities	-	500,000	-	-	-	-	500,000
Total:	**75,000**	**1,425,000**	**-**	**-**	**-**	**-**	**1,500,000**

Description:

Request to construct a new training facility to include a burn building, smoke/high rise tower, and the installation of piping to carry LP gases, air, and water for simulated hazardous materials incidents. The department is exploring options to reduce the need for future year funding.

Impact:

Currently Fire Rescue does not have an easily accessible training ground available on a regular basis within the City Limits.

Please refer to pg. 68 of the Draft 2 CIP Book for more detail.

Information Technology

INCLUDES FUNDED, UNFUNDED AND CONTINGENT.

CIP Project Request by Priority (in Thousands)								
Dept. Priority	**Project**	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
1	City Municipal Network	40	30	30	30	30	30	190
2	Maintain Hardware Infrastructure	25	25	25	25	25	25	150
3	Public Safety Technology Refresh	30	30	30	30	30	30	180
4	Fiber Optic Network Tracer Wire	40	-	-	-	-	-	40
5	Digital Signage	26	-	-	-	-	-	26
6	Virtual Desktop Infrastructure	-	100	-	-	-	-	100
7	Conference Room Upgrades - Unfunded	21	-	-	-	-	-	21
	Total:	**182**	**185**	**85**	**85**	**85**	**85**	**707**

Note: Summary doesn't include Fleet Replacement. Please refer to pg. 6 of the Draft 2 CIP Book for more detail.

Information Technology #1

City Municipal Network							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Lease and Replacement Fund	40,000	30,000	30,000	30,000	30,000	30,000	190,000
Total:	**40,000**	**30,000**	**30,000**	**30,000**	**30,000**	**30,000**	**190,000**

Description:

Update and replace telecommunications infrastructure and fiber optic networking equipment at 14 city facilities on a regular basis to deliver secure, robust bandwidth needed to support modern applications and related technology at city facilities.

Impact:

Telecommunications equipment that is not upgraded and replaced on a regular basis can be a threat not only to the reliability of connectivity at city facilities but also the security and integrity of the city's data. As equipment becomes end-of-life, security patches and software updates are no longer released exposing data to the increased likelihood of a breach.

Please refer to pg. 171 of the Draft 2 CIP Book for more detail.

Information Technology #2

Maintain Hardware Infrastructure							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Lease and Replacement Fund	25,000	25,000	25,000	25,000	25,000	25,000	150,000
Total:	**25,000**	**25,000**	**25,000**	**25,000**	**25,000**	**25,000**	**150,000**

Description:

Update and replace various types of capital technology hardware such as servers and enterprise storage devices to keep up with technological advancements and ensure the continued availability and integrity of the city’s services and data. Infrastructure preservation will be enhanced by continuing to maintain and upgrade our IT hardware. Although some services have moved to the cloud, the city still maintains almost 40 terabytes of data on numerous enterprise platforms.

Impact:

Servers and storage devices that are not replaced or upgraded on a regular basis can quickly become obsolete impacting performance and possibly leading to the risk of data corruption or loss.

Please refer to pg. 172 of the Draft 2 CIP Book for more detail.

Information Technology #3

Public Safety Technology Refresh							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Lease and Replacement Fund	30,000	30,000	30,000	30,000	30,000	30,000	180,000
Total:	**30,000**	**30,000**	**30,000**	**30,000**	**30,000**	**30,000**	**180,000**

Description:

Replace 1/3 (about 30) of public safety laptops located in patrol cars and fire engines that are at the end of their useful life.

Impact:

Due to heavy use and the extreme conditions, public safety technology devices are replaced on a 3-year schedule in order to maintain the highest level of service possible. These are critical devices that allow first responders to receive and transmit information regarding emergency calls. Postponing their replacement to a 4th year would likely result in the failure of many devices and delaying the response of public safety officials to emergencies.

Please refer to pg. 173 of the Draft 2 CIP Book for more detail.

Information Technology #4

Fiber Optic Network Tracer Wire							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Lease and Replacement Fund	40,000		-	-	-	-	40,000
Total:	**40,000**	**-**	**-**	**-**	**-**	**-**	**40,000**

Description:

Information Technology manages and maintains a complex fiber optic network ring encompassing 14 city facilities and covering a distance of 8.5 miles. This fiber is an underground utility that is required to be located when construction work is planned in the vicinity. In order to locate this fiber properly, tracer wire needs to be installed along the conduit where the fiber is located. Funding was received in FY18 to install tracer wire in approximately half of the city's ring.

Impact:

If the fiber optic cable were to be cut or damaged by construction or incorrect locates, all communications to facilities served by that segment of cable would be lost until it could be replaced which would lead to considerable downtime and costly repairs.

Please refer to pg. 175 of the Draft 2 CIP Book for more detail.

Information Technology #5

Digital Signage							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Lease and Replacement Fund	26,000		-	-	-	-	26,000
Total:	**26,000**	**-**	**-**	**-**	**-**	**-**	**26,000**

Description:

Current signage at the intersection of Dunlawton and City Center Blvd and within City Hall is outdated. Staff is proposing to replace both with a digital framework that can be updated more efficiently as well as better promote city services and events and integrate with social media.

Impact:

The existing information signs inside City Hall are easily overlooked and do not have the capability to present much information to visitors regarding city events. Also, the equipment that controls the current Dunlawton digital sign is obsolete and no longer able to be upgraded or repaired.

Please refer to pg. 176 of the Draft 2 CIP Book for more detail.

Parks and Recreation

INCLUDES FUNDED, UNFUNDED AND CONTINGENT.

CIP Project Request by Priority (in Thousands)								
Dept. Priority	Project	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Total
1	The REC Center Remodel and Expansion	910	-	-	-	-	-	910
2	West Side Sports Complex	-	860	60	1,150	575	575	3,220
3	Westside Community Center		-	-	-	55	4,000	4,055
4	Lakeside Facility HVAC - Unfunded	335	-	-	-	-	-	335
5	Parks Maintenance Storage - Unfunded	35	213	-	-	-	-	248
6	Fence, Dugout & Backstop Rpl. - Unfunded	65	140	140	-	-	-	345
7	Playground Replacements - Unfunded	44	348		-	-	-	392
8	Ball Field Lamp Rplcmnt - Unfunded	332	239	193	-	-	-	764
9	Restroom/ Concession Facility - Unfunded	-	-	213	-	-	-	213
10	Amphitheater Seating Rpl. - Unfunded	-		89	20	165	-	274
	Total:	**1,721**	**1,800**	**695**	**1,170**	**795**	**4,575**	**10,756**

Note: Summary doesn't include Fleet Replacement. Please refer to pg. 7 of the Draft 2 CIP Book for more detail.

Parks and Recreation #1

Recreational Educational Cultural (REC) Center Remodel and Expansion							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
General Capital Replacement Fund	510,000	-	-	-	-	-	510,000
Grants / Other Funding	400,000	-	-	-	-	-	400,000
Total:	**910,000**	**-**	**-**	**-**	**-**	**-**	**910,000**

Description:

This project is proposing to remodel and repurpose the gym building into a Recreational Educational Cultural (REC) Center to allow for programs, classes, clubs, after school programs, and community meetings.

Impact:

The REC Center will provide afterschool programs for children, cultural classes for youth and adults and wide range of activities for our community. The center will meet and increase the needs of our community's quality of life. This project was identified as a priority from the recent Parks & Rec Advisory Board and City Council.

Please refer to pg. 79 of the Draft 2 CIP Book for more detail.

Cypress Head Golf Course

INCLUDES FUNDED, UNFUNDED AND CONTINGENT.

CIP Project Request by Priority (in Thousands)								
Dept. Priority	**Project**	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
1	Canopy for Maintenance Facility	20	-	-	-	-	-	20
2	Irrigation Repair and Replacement	-	250	250	-	-	-	500
	Total:	**20**	**250**	**250**	**-**	**-**	**-**	**520**

Note: Summary doesn't include Fleet Replacement. Please refer to pg. 13 of the Draft 2 CIP Book for more detail.

Cypress Head Golf Course #1

Canopy for Maintenance Facility							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Golf Course Operating Fund	20,000	-	-	-	-	-	20,000
Total:	**20,000**	**-**	**-**	**-**	**-**	**-**	**20,000**

Description:

Build a canopy at maintenance facility to cover equipment not capable of being stored inside the building. Project will include concrete pad and aluminum roof supported by posts.

Impact:

This will protect the equipment from outside weather and prolong the usability of the equipment. This will increase the lifetime of the maintenance fleet and help preserve the investment made by the City.

Please refer to pg. 158 of the Draft 2 CIP Book for more detail.

YMCA

INCLUDES FUNDED, UNFUNDED AND CONTINGENT.

CIP Project Request by Priority (in Thousands)								
Dept. Priority	Project	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Total
1	Exterior Repairs and Painting	37	-	-	-		-	37
2	Resurface Parking Lot - YMCA	80	-	-	-	-	-	80
	Total:	**117**	**-**	**-**	**-**	**-**	**-**	**117**

Note: Summary doesn't include Fleet Replacement. Please refer to pg. 14 of the Draft 2 CIP Book for more detail.

YMCA #1

Exterior Repairs and Painting							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Recreation Facilities Fund	37,000	-	-	-	-	-	37,000
Total:	**37,000**	**-**	**-**	**-**	**-**	**-**	**37,000**

Description:

The facility manager has inspected the building and noted step cracks. The YMCA has water leaking into the building along the wall by the racquetball courts and needs exterior repairs and painting.

Impact:

Water intrusion into the building could cause mold issues and continued repairs to ceiling tiles and floors. It is also a contractual obligation as a landlord to make these necessary repairs to the structure.

Please refer to pg. 52 of the Draft 2 CIP Book for more detail.

YMCA #2

Resurface Parking Lot at YMCA							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Recreation Facilities Fund	80,000	-	-	-	-	-	80,000
Total:	**80,000**	**-**	**-**	**-**	**-**	**-**	**80,000**

Description:

Ongoing parking lots resurfacing program. The FY19 request is to resurface the parking lots at YMCA.

Impact:

Resurfacing will remove potential pavement hazards, improve the ride quality, and extend the useful life of the parking lots.

Please refer to pg. 53 of the Draft 2 CIP Book for more detail.

Public Utilities

INCLUDES FUNDED, UNFUNDED AND CONTINGENT.

CIP Project Request by Priority (in Thousands) Funded and Contingent (1 of 2)								
Dept. Priority	**Project**	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
1	Field Operations - Sewer System Expansion	300	3,300	3,000	3,000	-	-	**9,600**
2	Sewer System Rehabilitation	750	750	1,000	1,000	1,000	1,000	**5,500**
3	Meter Replacement Program A through B	252	266	150	125	125	125	**1,043**
4	Water Reclamation Facility - R&R A through C	350	885	900	925	950	500	**4,510**
5	WRF Electric System Repair/Replacement	500	-	-	-	-	-	**500**
6	Generator Replacements	100	1,000	100	1,000	100	200	**2,500**
7	Raw Water Main Replacement	300	3,000	-	-	-	-	**3,300**
8	Water System Replacements	1,000	1,000	600	400	400	500	**3,900**
9	Replace Existing Lift Stations	200	200	200	360	360	360	**1,680**
10	Telemetry Instrument / Control System A through B	240	240	240	240	240	240	**1,440**
11	City Cost Participation Project	100	100	100	100	100	100	**600**
12	Water System Extensions / Upsizing A through B	50	-	50	450	50	50	**650**
13	Water Treatment Plant - Water Supply Wells	50	50	50	50	50	50	**300**
14	Water Treatment Plant - 3 Million Gal Water Storage Tank	300	-	3,000	-	-	-	**3,300**
15	Water Reclamation Facility - Water Reuse Program	300	-	3,000	-	-	-	**3,300**
16	Sewer Sysystem Rehab -Force Main River Crossing	300	2,000	-	-	-		**2,300**
17	Utilities Mapping	50	50	50	50	50	50	**300**
18	Water Treatment Plant R & R - Equipment A through B	200	225	225	445	275	300	**1,670**

Note: Summary doesn't include Fleet Replacement. Please refer to pgs. 9 -10 of the Draft 2 CIP Book for more detail.

INCLUDES FUNDED, UNFUNDED AND CONTINGENT.

CIP Project Request by Priority (in Thousands) Unfunded and Contingent (2 of 2)								
Dept. Priority	**Project**	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
19	Production Well Replacement	-	250	250	250	250	-	**1,000**
20	Taylor Road Improvements	-	-	-	1,600	-	-	**1,600**
21	Utility Coordination and Relocation	-	25	25	25	25	25	**125**
22	WRF Nutrient Removal Process Improvements	-	500	6,000	-	-	-	**6,500**
23	WRF Operations Building Expansion	-	100	-	-	-	-	**100**
	Total:	**5,342**	**13,941**	**18,940**	**10,020**	**3,975**	**3,500**	**55,718**

Note: Summary doesn't include Fleet Replacement. Please refer to pgs. 9 -10 of the Draft 2 CIP Book for more detail.

Public Utilities #1

Field Operations - Sewer System Expansion							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Sewer Impact Fee Fund	300,000	2,200,000	2,000,000	2,000,000	-	-	6,500,000
Grants / Bonds	-	1,100,000	1,000,000	1,000,000	-	-	3,100,000
Total:	**300,000**	**3,300,000**	**3,000,000**	**3,000,000**	**-**	**-**	**9,600,000**

Description:

This is the Septic to Sewer project. Locations and priority of sewer system construction will be determined using the Wade Trim study. FY 19 funding is to contract an engineer for Phase 2 design. In FY20 applications for grant funding for phase 1 and phase 2 design will begin. In FY 21, with grants secured, construction of phase 1 will commence followed by construction of phase 2 in FY22.

Impact:

To provide city sewer service, reduce septic tank usage, reduce potential sewage leakage to Florida waterways.

Please refer to pg. 135 of the Draft 2 CIP Book for more detail.

Public Utilities #2

Sewer System Rehabilitation							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Water & Sewer Operating Fund	750,000	750,000	1,000,000	1,000,000	1,000,000	1,000,000	5,500,000
Total:	**750,000**	**750,000**	**1,000,000**	**1,000,000**	**1,000,000**	**1,000,000**	**5,500,000**

Description:

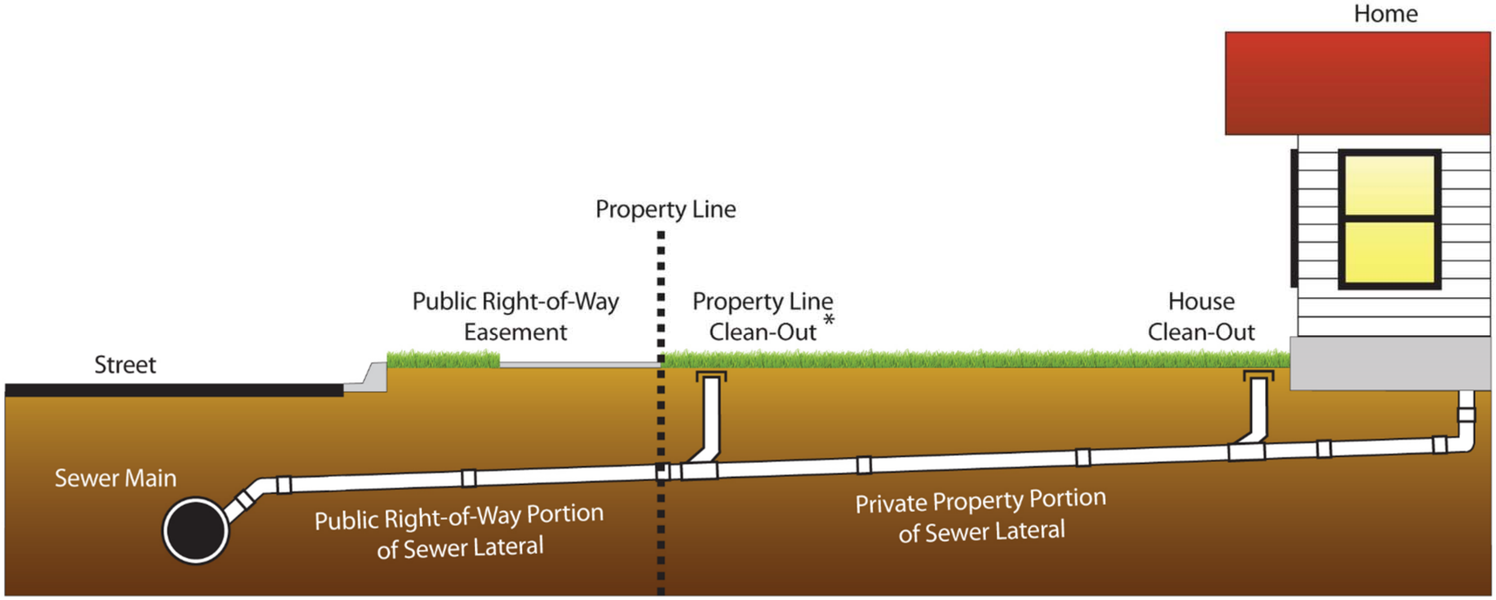
Wastewater collection system rehab to reduce infiltration & inflow (I&I). The actual work will be site specific and depend upon condition, age, and pipe capacity. This is piping not lift stations. Work will include cleaning, lining, replacing, etc.

Impact:

On-going R&R effort to reduce I&I—saves on pumping and treatment costs, reduces the opportunity for overflows, reduces peak flow during rain events and gains capacity back in the system. Maintains compliance with FDEP rules.

Please refer to pg. 133 of the Draft 2 CIP Book for more detail.


02/25/16 15:52
188.7 FT.
MH START: 5/6
MH STOP: 5/5
Pipe is lined.



* Not standard on all properties.

Public Utilities #3

Meter Replacement Program A through B							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Water & Sewer Operating Fund	252,000	266,000	150,000	125,000	125,000	125,000	1,043,000
Total:	**252,000**	**266,000**	**150,000**	**125,000**	**125,000**	**125,000**	**1,043,000**

Description:

The final 1000 residential water meters as part of the replacement program will be completed in FY19 and then become a routine R&R program. The program includes replacing large commercial meters as needed.

Impact:

Improved accuracy and accountability of water loss. Protects revenue stream as meters degrade with age and ensures compliance with SJRWMD CUP.

Please refer to pgs. 137 - 138 of the Draft 2 CIP Book for more detail.

Public Utilities #4

Water Reclamation Facility - R&R A through C							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Water & Sewer Operating Fund	200,000	-	-	-	-	-	200,000
Water & Sewer R&R Fund	150,000	885,000	900,000	925,000	950,000	500,000	4,310,000
Total:	**350,000**	**885,000**	**900,000**	**925,000**	**950,000**	**500,000**	**4,510,000**

Description:

Renewal & replacement of plant components based on duty cycle, age and condition to maintain level of service.

Impact:

R&R ensures system reliability and maintenance of the level of service. Repair and maintenance of equipment is required under FDEP operating permit.

Please refer to pg. 119-121 of the Draft 2 CIP Book for more detail.

Public Utilities #5

WRF Electric System Repair/Replacement							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Water & Sewer R&R Fund	500,000	-	-	-	-	-	500,000
Total:	**500,000**	**-**	**-**	**-**	**-**	**-**	**500,000**

Description:

The WRF was built in 1960 and is experiencing numerous failures in the electrical supply to various equipment due to electrical issues. The system must be repaired/replaced to maintain full plant operations.

Impact:

The current state of the electrical system is reducing the reliability of the treatment plant. This project is required for staff safety and to maintain FDEP permit compliance.

Please refer to pg. 122 of the Draft 2 CIP Book for more detail.

Public Utilities #6

Generator Replacements							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Water & Sewer R&R Fund	100,000	1,000,000	100,000	1,000,000	100,000	200,000	2,500,000
Total:	**100,000**	**1,000,000**	**100,000**	**1,000,000**	**100,000**	**200,000**	**2,500,000**

Description:

The Utilities Department utilizes 17 emergency standby generators to maintain water and sewer service. Locations include the Water Treatment Plant (1), the wellfield (6), potable water storage/pump stations (3), the Water Reclamation Facility (2), and master sewage lift stations (5).

Impact:

The generators are critical to ensuring that the system maintains operations during storm events and power outages. These generators allow the system to maintain EPA and DEP compliance. Many of the units have experienced failures and it is recommended that this ongoing program be initiated prior to catastrophic failure.

Please refer to pgs. 126-127 of the Draft 2 CIP Book for more detail.

Public Utilities #7

Water Treatment Plant - Raw Water Main Replacement							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Water & Sewer R&R Fund	300,000	3,000,000	-	-	-	-	3,300,000
Total:	**300,000**	**3,000,000**	**-**	**-**	**-**	**-**	**3,300,000**

Description:

This project would provide a secondary pipeline from the wellfield on Shuntz Road to the Garnsey Water Treatment Plant. Currently there is only one pipeline that provides 80% of the well water into the treatment plant. The 30 inch diameter, 5 mile long prestressed concrete pipeline has been in service over 30 years. Should the pipe fail, damages would be significant to the surrounding area and significantly impair the treatment plants ability to supply drinking water to the customers.

Impact:

Additional pipeline will provide reliability of the system.

Please refer to pg. 131 of the Draft 2 CIP Book for more detail.

Public Utilities #8

Water System Replacements							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Water & Sewer Operating Fund	450,000	450,000	400,000	200,000	200,000	200,000	1,900,000
Water & Sewer R&R Fund	-	300,000	50,000	200,000	200,000	300,000	1,050,000
Water Impact Fee Fund	550,000	250,000	150,000	-	-	-	950,000
Total:	**1,000,000**	**1,000,000**	**600,000**	**400,000**	**400,000**	**500,000**	**3,900,000**

Description:

R&R of aging water distribution mains (galvanized, AC, PVC). Upsizing and additional valving included to enhance service levels.
FY19-South Commonwealth;FY20 - North Commonwealth FY21- Charles St area; FY22-Summertrees, and FY23-Cambridge Area, and FY24-TBD.

Impact:

Increase level of service including fire protection, maintain water quality, ensure system reliability.

Please refer to pg. 112 of the Draft 2 CIP Book for more detail.

Public Utilities #9

Replace Existing Lift Stations							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Water & Sewer R&R Fund	200,000	200,000	200,000	360,000	360,000	360,000	1,680,000
Total:	**200,000**	**200,000**	**200,000**	**360,000**	**360,000**	**360,000**	**1,680,000**

Description:

Major R&R of components at the 110 lift stations required to operate the collection system—scope of work varies at each location based on age, capacity, and condition. For FY19: Christiancy, Halifax Estates, Town Homes West, and Sugar Forest.

Impact:

Failure to keep up with aging infrastructure will result in lower levels of service, sewage back-ups to homeowners and sanitary sewer overflows (SSOs)—with resulting non-compliance of regulatory requirements.

Please refer to pg. 132 of the Draft 2 CIP Book for more detail.

Public Utilities #10

Telemetry Instrument / Control System A through B							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Water & Sewer Operating Fund	180,000	180,000	180,000	180,000	180,000	180,000	1,080,000
Water & Sewer R&R Fund	60,000	60,000	60,000	60,000	60,000	60,000	360,000
Total:	**240,000**	**240,000**	**240,000**	**240,000**	**240,000**	**240,000**	**1,440,000**

Description:

Ongoing program for the R&R of radio telemetry units (RTUs), instrumentation, and control system required to operate the water, wastewater, and reclaimed water treatment systems includes plants, wells, pump stations, lift stations, and recharge reservoir.

Impact:

R&R of components either at the end of their useful service life or when damaged. Systems ensure continuous compliance with state and federal regulations.

Please refer to pg. 116-117 of the Draft 2 CIP Book for more detail.

Public Utilities #11

City Cost Participation Project							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Water Impact Fee Fund	50,000	50,000	50,000	50,000	50,000	50,000	300,000
Sewer Impact Fee Fund	50,000	50,000	50,000	50,000	50,000	50,000	300,000
Total:	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**	**600,000**

Description:

This project provides funding for city participation in various development projects per Chapter 11, LDC as opportunities present. Projects include upsizing water/sewer lines, lift stations, and other activities that would benefit the City system after construction is complete.

Impact:

Improves system reliability and levels of service economically when performing the work during developer construction.

Please refer to pg. 115 of the Draft 2 CIP Book for more detail.

Public Utilities #12

Water System Extensions / Upsizing A through B							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Water Impact Fee Fund	50,000	-	50,000	450,000	50,000	50,000	650,000
Total:	**50,000**	**-**	**50,000**	**450,000**	**50,000**	**50,000**	**650,000**

Description:
This project provides extended water service to properties not presently served as opportunity presents.

Impact:
Allows expansion of the customer base and improves system looping for redundancy.

Please refer to pg. 113-114 of the Draft 2 CIP Book for more detail.

Water Treatment Plant - Water Supply Wells							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Water & Sewer Operating Fund	50,000	50,000	50,000	50,000	50,000	50,000	300,000
Total:	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**300,000**

Description:

Repair & replacement of existing drinking water well equipment. Scope includes pump, motor, well casing, video logging and re-development if needed.

Impact:

To maintain water flow into the treatment plant and maintain compliance with the SJRWMD Consumptive Use Permit.

Please refer to pg. 110 of the Draft 2 CIP Book for more detail.

Public Utilities #14

Water Treatment Plant - 3 Million Gal Water Storage Tank							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Water Impact Fee Fund	300,000	-	2,000,000	-	-	-	2,300,000
Future Grants/Bonds	-	-	1,000,000	-	-	-	1,000,000
Total:	**300,000**	**-**	**3,000,000**	**-**	**-**	**-**	**3,300,000**

Description:

The water plant has one water storage tank that holds 1 million gallons. The tank was constructed in 1983. In order to ensure water can be produced and distributed continuously from the treatment plant, an additional storage tank needs to be constructed. The FY19 request of $300,000 is for design only.

Impact:

This project will ensure that water is produced and distributed continuously from the treatment plan.

Please refer to pg. 130 of the Draft 2 CIP Book for more detail.

Public Utilities #15

WRF Water Reuse Program							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Water Impact Fee Fund	300,000	-	2,000,000	-	-	-	2,300,000
Future Grants/Bonds	-	-	1,000,000	-			1,000,000
Total:	**300,000**	**-**	**3,000,000**	**-**	**-**	**-**	**3,300,000**

Description:

A three million gallon ground storage tank with pump station to provide additional reuse supply for irrigation. The FY19 request of $300,000 is for design of the tank only.

Impact:

Improve supply of reclaimed water and minimize the discharge to the Halifax River.

Please refer to pg. 130 of the Draft 2 CIP Book for more detail.

Public Utilities #16

Sewer System Rehab - Force Main River Crossing							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Water & Sewer R&R Fund	300,000	-	-	-	-	-	300,000
Sewer Impact Fee Fund		1,000,000	-	-	-	-	1,000,000
Future Grants/Bonds	-	1,000,000	-	-			1,000,000
Total:	**300,000**	**2,000,000**	**-**	**-**	**-**	**-**	**2,300,000**

Description:

This project is requesting a second sewage transmission force main under the Halifax River that connects to the existing sewer system at US 1. There is currently only 1 - 20" diameter pipeline crossing under the Halifax River to provide service to Ponce Inlet, Daytona Beach Shores, and Port Orange customers east of US1 and north of Dunlawton.

Impact:

This new pipeline would provide more reliability and ensure sufficient capacity for the new customers. Since this new pipeline provides redundancy and expanded capacity to the beachside area, we believe grant funding is available.

Please refer to pg. 134 of the Draft 2 CIP Book for more detail.

Public Utilities #17

Utility Mapping							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Water & Sewer Operating Fund	50,000	50,000	50,000	50,000	50,000	50,000	300,000
Total:	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**300,000**

Description:

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.

Impact:

In order to accommodate growth and add additional customers to the utility system, maps of underground infrastructure must be continuously updated to support available services.

Please refer to pg. 118 of the Draft 2 CIP Book for more detail.

Public Utilities #18

Water Treatment Plant R & R - Equipment A through B							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Water & Sewer R&R Fund	200,000	225,000	225,000	445,000	275,000	300,000	1,670,000
Total:	**200,000**	**225,000**	**225,000**	**445,000**	**275,000**	**300,000**	**1,670,000**

Description:

The Garnsey Water Treatment plant is permitted to produce 15 million gallons per day of drinking water. Operating permits include Florida Department of Health and SJRWMD. These permits require routine repair, maintenance, and replacement of existing equipment to maintain the reliability of the system to the public. In addition, the City is required to maintain the facilities reliability under its bonding requirements.

Impact:

Plant components continue to degrade over time. R&R ensures system reliability and maintenance of the level of service.

Please refer to pgs. 128-129 of the Draft 2 CIP Book for more detail.

Public Works

INCLUDES FUNDED, UNFUNDED AND CONTINGENT.

CIP Project Request by Priority (in Thousands)								
Dept. Priority	Project	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Total
1	Road Resurfacing and Reconstruction	800	800	800	800	800	800	4,800
2	Curb and Guard Rail Replacement	237	-	-	-	-	-	237
3	School Crossing / Intersection Safety	43	-	-	-	-	-	43
4	Standby Power Generator Rebuild/Replacement	100	100	100	100	100	100	600
5	Kitchen Replacement at FS71 & FS74	40						40
6	City Center Complex Landscape Improvements	-	650	-	-	-	-	650
7	Resurface Parking Lots at City Facilities A & B - Unfunded	155	39	39	-	23	-	256
8	Work Shop - Unfunded	64	-	-	-	-	-	64
9	Public Works Facility Paving - Unfunded	70	-	-	-	-	-	70
10	DPW Admin Building Intr Renovation - Unfunded	328	-	-	-	-	-	328
11	Public Works Fence Replacement - Unfunded	50	-	-	-	-	-	50
12	City Hall Repurposing - Unfunded	275	-	-	-	-	-	275
13	City Hall Building HVAC - Unfunded	200	-	-	-	-	-	200
	Total:	**2,362**	**1,589**	**939**	**900**	**923**	**900**	**7,613**

Note: Summary doesn't include Fleet Replacement. Please refer to pg. 11 of the Draft 2 CIP Book for more detail.

Public Works #1

Road Resurfacing and Reconstruction							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Capital Projects Fund(Gas Tax) Restricted	800,000	800,000	800,000	800,000	800,000	800,000	4,800,000
Total:	**800,000**	**800,000**	**800,000**	**800,000**	**800,000**	**800,000**	**4,800,000**

Description:

Resurfacing and reconstruction of approximately five miles public streets.

Impact:

Resurfacing and reconstruction will remove potential pavement hazards, improve ride quality, and extend the useful life of the streets.

Please refer to pg. 62-64 of the Draft 2 CIP Book for more detail.

Public Works #2

Curb and Guard Rail Replacement							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Capital Projects Fund(Gas Tax) Unrestricted	237,000	-	-	-	-	-	237,000
Total:	**237,000**	**-**	**-**	**-**	**-**	**-**	**237,000**

Description:

This project will involve replacing and/or adding curbing to the existing roadways. This is replacement, not maintenance. This project is also seeking a HUD funding through CDBG and if approved, it will be removed from the CIP.

Impact:

Improve safety.

Please refer to pg. 65 of the Draft 2 CIP Book for more detail.

Public Works #3

School Crossing / Intersection Safety							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Capital Projects Fund(Gas Tax) Unrestricted	43,000	-	-	-	-	-	43,000
Total:	**43,000**	**-**	**-**	**-**	**-**	**-**	**43,000**

Description:

This project involves placing lighted stop, caution, and yield signs at the following locations: Sugar Mill Elementary, Spruce Creek Elementary, Spruce Creek High School, Sweetwater Elementary, Silver Sands Middle, Creekside Middle, and Horizon Elementary.

Impact:

Once installed, the lighted signs will draw attention to potentially dangerous intersections near local schools.

Please refer to pg. 66 of the Draft 2 CIP Book for more detail.

Public Works #4

Standby Power Generator Rebuild/Replacement							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Building Maintenance Fund	100,000	100,000	100,000	100,000	100,000	100,000	600,000
Total:	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**	**600,000**

Description:

Purchase and installation of stand-by power generators and transfer switches at various City facilities. Public Works currently maintains 18 generators.

Impact:

Timely replacement of the generators will facilitate the ability of Departments to respond to emergencies involving life and property.

Please refer to pgs. 186-187 of the Draft 2 CIP Book for more detail.

Public Works #5

Kitchen Replacement at FS71 & FS74							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Building Maintenance Fund	40,000		-	-	-	-	40,000
Total:	**40,000**	**-**	**-**	**-**	**-**	**-**	**40,000**

Description:

Kitchens at Fire Stations 71 and 74 were built in 2001 and 1999 respectively and are in need of renovation. The Department has requested this project since FY17 but other priorities have prevailed.

Impact:

Renovating the kitchens will significantly improve the living conditions at the stations where Fire employees spend most of their daily lives.

Please refer to pg. 188 of the Draft 2 CIP Book for more detail.

Stormwater

INCLUDES FUNDED, UNFUNDED AND CONTINGENT.

CIP Project Request by Priority (in Thousands)								
Dept. Priority	Project	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Total
1	Virginia Ave and Monroe St. Drainage Basin	1,777	-	-	-	-	-	1,777
2	Pipe Replacement	320	370	420	470	520	570	2,670
3	Charles Street Drainage Imprvmnts	110	-	730	-	-	-	840
4	Tumblebrook Dr Stormwater Imprvmnts	186	-	-	-	-	-	186
5	Howes St Stormwater Imprvmnts	-	1,065	-	-	-	-	1,065
6	Halifax River Outfall Replacement	-	471	471	471	300	-	1,713
7	Pond Dredging	-	75	75	80	80	85	395
8	City Center Shoreline Stabilization	-	341	-	-	-	-	341
9	Southwinds Pond Outfall Retrofit (Ph1 & Ph2) - Design	-	-	45	-	-	-	45
10	Viking Drive Stormwater Imprvmnts	-	-	-	30	-	-	30
11	Southwinds Pond Outfall Retrofit (Ph1 & Ph2) - Unfunded	-	-	-	1,362	-	-	1,362
12	White Pl & Riverside Drainage Imprvmnts - Unfunded	109	-	-	-	-	-	109
13	Powers Ave at Lemon St Drainage Imprvmnts - Unfunded	-	-	175	-	-	-	175
14	Storm Water Master Plan Phase II - Unfunded	-	-	380	-	-	-	380
	Total:	**2,502**	**2,322**	**2,296**	**2,413**	**900**	**655**	**11,088**

Note: Summary doesn't include Fleet Replacement. Please refer to pg. 12 of the Draft 2 CIP Book for more detail.

Stormwater #1

Virginia Ave and Monroe St. Drainage Basin							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Drainage Operating Fund	383,000		-	-	-	-	383,000
Grants/Other Funding	1,394,000	-	-	-	-	-	1,394,000
Total:	**1,777,000**	**-**	**-**	**-**	**-**	**-**	**1,777,000**

Description:

Construction of stormwater pump stations with force mains, retention ponds, and additional conveyance enhancements including pipes and inlets. Grants are being provided by the State in the amount of $750K and FEMA HMGP $644K.

Impact:

This project will provide solutions to address the flooding and prevent damage of property.

Please refer to pg. 142 of the Draft 2 CIP Book for more detail.

Stormwater #2

Pipe Repair and Replacement							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Drainage Operating Fund	320,000	370,000	420,000	470,000	520,000	570,000	2,670,000
Total:	**320,000**	**370,000**	**420,000**	**470,000**	**520,000**	**570,000**	**2,670,000**

Description:

Repair and Replacement program to address deteriorated and undersized metal pipes.

Impact:

Replace aging infrastructure to minimize failure, improve water conveyance and prevent flooding.

Please refer to pg. 148 of the Draft 2 CIP Book for more detail.

Stormwater #3

Charles Street Drainage Improvements							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Drainage Operating Fund	110,000	-	730,000	-	-	-	840,000
Total:	**110,000**	**-**	**730,000**	**-**	**-**	**-**	**840,000**

Description:

Analysis, design, and construction for drainage between Herbert Street, Charles Street and Oceans Avenue drainage system.

Impact:

This project will improve stormwater runoff conveyance, stormwater capacity, and will reduce the potential for flooding. This will require removing the existing inadequate storm pipe between Herbert Street and Charles Street and replacing the pipe.

Please refer to pg. 151 of the Draft 2 CIP Book for more detail.

Stormwater #4

Tumblebrook Drive Stormwater Improvements							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Drainage Operating Fund	186,000		-	-	-	-	186,000
Total:	**186,000**	**-**	**-**	**-**	**-**	**-**	**186,000**

Description:

Construction of drainage improvements, pipe, and drainage structures. Presently, Public Works staff must mobilize a pump to an isolated pond which becomes inundated during storms. The pump is 12 year's old and is deployed a minimum of 6 times per year to a maximum of 20 times per year.

Impact:

The project will improve drainage and stormwater quality.

Please refer to pgs. 146-147 of the Draft 2 CIP Book for more detail.

Vehicle Replacement

INCLUDES FUNDED, UNFUNDED AND CONTINGENT.

CIP Project Request by Priority (in Thousands)								
Dept. Priority	**Project**	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
1	Vehicle Replacement - Police	456	782	250	342	722	646	3,198
2	Vehicle Replacement - Fire	900	420	135	-	85	751	2,291
3	Veh Rplcmnt - Water Prod	21	40	80	-	92	-	233
4	Veh Rplcmnt - Water Dist	40	172	80	66	466	-	824
5	Veh Rplcmnt - Pub Works	17	290	46	180	84	89	706
6	Vehicle Replacement - Parks & Rec	133	8	46	26	126	132	471
7	Vehicle Replacement - Cypress Head	107	53	65	74	44	21	364
8	Golf Cart Rplc - Cypress Head	225	-	-	-	-	-	225
9	Veh Rplcmnt - Meter Readers	-	-	22	-	-	-	22
10	Veh Rplcmnt - W/S Admin.	-	-	-	22	-	-	22
11	Veh Rplc - W/S Warehouse	-	-	-	-	30	-	30
12	Veh Rplc - PD Comm Imprv	-	-	-	-	22	-	22
13	Veh Rplcmnt - Veh Maint	-	45	-	-	-	-	45
14	Veh Rplcmnt - Stormwater	-	500	978	27	60	60	1,625
	Total:	**1,899**	**2,310**	**1,702**	**737**	**1,731**	**1,699**	**10,078**

Please refer to pg. 27 of the Draft 2 CIP Book for more detail.

Vehicle Replacement #1

Police Department							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Lease and Replacement Fund	456,000	782,000	250,000	342,000	722,000	646,000	3,198,000
Total:	**456,000**	**782,000**	**250,000**	**342,000**	**722,000**	**646,000**	**3,198,000**

Description:

Replacing 12 vehicles in FY19 (10 police patrol vehicles, 1 detective vehicle, and 1 van).

Impact:

These vehicles are on a lifecycle schedule based on mileage utilization and maintenance and have reached the end of their life. Generally after a vehicle's life cycle has ended they cost more to maintain than to replace. In addition, replacing older vehicles will ensure that our vehicles will be in service more often than in the shop thereby increasing productivity.

Please refer to pg. 178-179 of the Draft 2 CIP Book for more detail.

Vehicle Replacement #2

Fire and Rescue Department							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Lease and Replacement Fund	900,000	420,000	135,000	-	85,000	751,000	2,291,000
Total:	**900,000**	**420,000**	**135,000**	**-**	**85,000**	**751,000**	**2,291,000**

Description:

Replacing Pumper #1664. Options in order of priority are:

1) Replace with an 105' aerial Quint for $975k (additional $75k needed)
2) Replace with two base line pumpers ($450k each for $900k)
3) Replace with like custom pumper for $900k

Impact:

The vehicle being replaced this year is a pumper that has met its lifecycle. Currently, fire apparatus are utilized as a frontline unit for 10 years and put into backup status for another five years.

Please refer to pg. 168 of the Draft 2 CIP Book for more detail.

Vehicle Replacement #3

Public Utilities Department							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Lease and Replacement Fund	61,000	212,000	182,000	88,000	588,000	-	1,131,000
Total:	**61,000**	**212,000**	**182,000**	**88,000**	**588,000**	**-**	**1,131,000**

Description:

1 Vehicle (pickup truck) for Water Production. 1 Pump for Water Distribution.

Impact:

This vehicle is on a lifecycle schedule based on mileage utilization and maintenance and has reached the end of its life. Generally after a vehicle's life cycle has ended they cost more to maintain than to replace. In addition, replacing older vehicles will ensure that our vehicles will be in service more often than in the shop thereby increasing productivity.

Please refer to pg. 180 of the Draft 2 CIP Book for more detail.

Vehicle Replacement #4

Public Works Department							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Lease and Replacement Fund	17,000	290,000	46,000	180,000	84,000	89,000	706,000
Total:	**17,000**	**290,000**	**46,000**	**180,000**	**84,000**	**89,000**	**706,000**

Description:

Public Works – Replacing 2 pieces of equipment in FY19 (2 light plants/towers).

Impact:

These vehicles are on a lifecycle schedule based on mileage utilization and maintenance and have reached the end of their life. Generally after a vehicle's life cycle has ended they cost more to maintain than to replace. In addition, replacing older vehicles will ensure that our vehicles will be in service more often than in the shop thereby increasing productivity.

Please refer to pg. 181 of the Draft 2 CIP Book for more detail.

Public Works Equipment to perform mowing in-house

Public Works Department - new mowing equipment							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
General Fund	161,000	-	-	-	-	-	161,000
Total:	**161,000**	**-**	**-**	**-**	**-**	**-**	**161,000**

Description:

Public Works will need to purchase the following new capital equipment in FY19 in order to perform mowing in-house:

1. Stand Up Mower – SCAG (2) - $14,951
2. Sit Down Mower – SCAG (2) - $19,917
3. Straight Shaft Edger (5) - $1,800
4. String Trimmers (5) - $1,600
5. Back Pack Blower (4) - $1,760
6. Pole Saw – HT113 (2) -$960
7. Walk Behind Blower - $1,721
8. Stick Hedge Trimmer (2) - $880
9. 30" Hedge Trimmer (2) - $896
10. Slope Mower - $24,122
11. Pickup w Tow Pkg (3) - $81,000
12. 7'x14" Encl Trailer (2) - $11,338

Total : $160,945

Impact:

This is a new request and the funding in not currently available in the Lease and Replacement Fund. Staff recommends continuing to outsource mowing services due to the associated cost savings.

This page is not included in Draft 2 CIP Book.

Vehicle Replacement #5

Parks and Recreation Department							
Revenue Sources	**FY 19**	**FY 20**	**FY 21**	**FY 22**	**FY 23**	**FY 24**	**Total**
Lease and Replacement Fund	133,000	8,000	46,000	26,000	126,000	132,000	471,000
Total:	**133,000**	**8,000**	**46,000**	**26,000**	**126,000**	**132,000**	**471,000**

Description:

Replacing 5 pieces of equipment and 1 van.

Impact:

These vehicles are on a lifecycle schedule based on mileage utilization and maintenance and have reached the end of their life. Generally after a vehicle's life cycle has ended they cost more to maintain than to replace. In addition, replacing older vehicles will ensure that our vehicles will be in service more often than in the shop thereby increasing productivity.

Please refer to pg. 177 of the Draft 2 CIP Book for more detail.

Vehicle Replacement #6

Cypress Head Golf Course							
Revenue Sources	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**Total**
Lease and Replacement Fund	107,000	53,000	65,000	74,000	44,000	21,000	364,000
Lease and Replacement Fund - Golf Carts (75)	225,000	-	-	-	-	-	225,000
Total:	**332,000**	**53,000**	**65,000**	**74,000**	**44,000**	**21,000**	**589,000**

Description:

Replacing 3 pieces of equipment in FY19 (1 utility tractor, 1 greens mowers, 1 fairway mower).

Replacing 75 golf carts.

Impact:

These vehicles are on a lifecycle schedule based on mileage utilization and maintenance and have reached the end of their life. Generally after a vehicle's life cycle has ended they cost more to maintain than to replace. In addition, replacing older vehicles will ensure that our vehicles will be in service more often than in the shop thereby increasing productivity.

Please refer to pg. 183 of the Draft 2 CIP Book for more detail.

Conclusion / Next Steps

- Review Comments
- Forecast Revenue
- Match Revenue to Funding Requests
- See what gets funded based on agreed upon priorities
- Present new version of CIP based on available funding

Capital Improvement Program (CIP)
FY19 through FY24

Draft 2,

June 26, 2018

(Distributed to City Council)

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Capital Improvement Program (CIP)
FY 2019 - FY 2024
Table of Contents

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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City of Port Orange, Florida
Capital Improvement Program (CIP) FY19 - FY24
Summary by Department and Funding Status
(in thousands)

#	Project	Department	Funding Status	Funding Source	FY19	FY20	FY21	FY22	FY23	FY24	Total
City Manager											
201501	Enterprise Resource Planning System	City Manager	Funded	505	282	282	282	-	-	-	846
				Total City Manager - All:	**282**	**282**	**282**	**-**	**-**	**-**	**846**
				City Manager - Funded:	**282**	**282**	**282**	**-**	**-**	**-**	**846**
				City Manager - Unfunded:	**-**	**-**	**-**	**-**	**-**	**-**	**-**
				City Manager - Contingent Proposed:	**-**	**-**	**-**	**-**	**-**	**-**	**-**
				Total City Manager - All:	**282**	**282**	**282**	**-**	**-**	**-**	**846**

Fund Legend:			
	301 Capital Proj. (Gas Tax)	401 W/S Operating	450 Golf Course
001 General Fund	311 Fire Impact Fee	403 W/S R&R	505 Lease & Replacement
106 Recreation Facilities (YMCA)	312 Transp. Impact Fee	405 W/S Impact Fee	506 Building Maintenance
109 Building Special Revenue	317 General Capital	412 Drainage	

City of Port Orange, Florida
Capital Improvement Program (CIP) FY19 - FY24
Summary by Department and Funding Status
(in thousands)

#	Project	Department	Funding Status	Funding Source	FY19	FY20	FY21	FY22	FY23	FY24	Total
Community Development											
200905	Williamson Blvd. North of Pavilion	Comm. Dvlp.	Contingent Proposed	Dvlpr Constr.	-	-	220	261	2,200	-	2,681
200907	Coraci Blvd. Extension	Comm. Dvlp.	Contingent Proposed	Dvlpr Constr.	-	-	-	257	2,150	-	2,407
201008	Yorktowne Blvd. North Section (Nautica Lakes)	Comm. Dvlp.	Contingent Proposed	Dvlpr Constr.	-	1,200	-	-	-	-	1,200
201015	Willow Run Blvd. Widening	Comm. Dvlp.	Funded	301 (Restricted)	-	200	-	-	-	-	200
	Willow Run Blvd. Widening	Comm. Dvlp.	Contingent Proposed	TPO Grant	-	-	1,125	-	-	-	1,125
201336	Willow Run Blvd. Sidewalk (South)	Comm. Dvlp.	Funded	312	-	61	-	-	-	-	61
	Willow Run Blvd. Sidewalk (South)	Comm. Dvlp.	Contingent Proposed	TPO Grant	54	144	-	-	-	-	198
201545	Riverwalk Park- South Phase	Comm. Dvlp.	Unfunded	317	-	1,500	-	-	-	-	1,500
201647	WB Dunlawton Ave. Right Turn Lane and City Center Cir.	Comm. Dvlp.	Funded	301 (Restricted)	2	76	-	-	-	-	78
	WB Dunlawton Ave. Right Turn Lane and City Center Cir.	Comm. Dvlp.	Contingent Proposed	TPO Grant	47	231	-	-	-		278
201648	Beautification of I-95 Interchange	Comm. Dvlp.	Unfunded	317	498	-	-	-	-	-	498
201749	SUNTrail - St. Johns River to Sea Loop (FKA - Halifax Drive Linear Park)	Comm. Dvlp.	Contingent Proposed	FDOT Funded	-	300	1,800	-	-	-	2,100
201750	EB Dunlawton Ave. Right Turn Lane at Clyde Morris Blvd.	Comm. Dvlp.	Funded	301 (Restricted)	8	87	-	-	-	-	95
	EB Dunlawton Ave. Right Turn Lane at Clyde Morris Blvd.	Comm. Dvlp.	Contingent Proposed	TPO Grant	67	338	-	-	-	-	405
201751	WB Dunlawton Ave. Right Turn Lane at Nova Rd.	Comm. Dvlp.	Funded	301 (Restricted)	-	11	87	-	-	-	98
	WB Dunlawton Ave. Right Turn Lane at Nova Rd.	Comm. Dvlp.	Unfunded	317	260	-	-	-	-	-	260
	WB Dunlawton Ave. Right Turn Lane at Nova Rd.	Comm. Dvlp.	Contingent Proposed	TPO Grant	-	99	334	-	-	-	433
201856	EB Herbert St. Left Turn Lane at Nova Rd.	Comm. Dvlp.	Funded	301 (Restricted)	-	10	120	-	-	-	130
	EB Herbert St. Left Turn Lane at Nova Rd.	Comm. Dvlp.	Contingent Proposed	TPO Grant	18	90	540	-	-	-	648
201857	Madeline Avenue (East) Sidewalks	Comm. Dvlp.	Funded	312	-	10	271	-	-	-	281
	Madeline Avenue (East) Sidewalks	Comm. Dvlp.	Contingent Proposed	TPO Grant	18	90	729	-	-	-	837
201858	Madeline Avenue (West) Sidewalk	Comm. Dvlp.	Funded	312	2	10	280	-	-	-	292
	Madeline Avenue (West) Sidewalk	Comm. Dvlp.	Contingent Proposed	TPO Grant	18	90	720	-	-	-	828
201859	Taylor Rd./Williamson Blvd. Inter. Feasibility Study	Comm. Dvlp.	Funded	312	1	-	-	-	-	-	1
	Taylor Rd./Williamson Blvd. Inter. Feasibility Study	Comm. Dvlp.	Contingent Proposed	TPO Grant	36	-	-	-	-	-	36
201861	Sidewalk Gap Project	Comm. Dvlp.	Funded	312	8	153	-	-	-	-	161
	Sidewalk Gap Project	Comm. Dvlp.	Contingent Proposed	TPO Grant	76	326	-	-	-	-	402
201963	ADA Transition Plan	Comm. Dvlp.	Unfunded	317	200	200	-	-	-	-	400
201964	Taylor Rd./Clyde Morris Blvd. Inter. Feasibility Study	Comm. Dvlp.	Funded	312	2	5	80	-	-	-	87
	Taylor Rd./Clyde Morris Blvd. Inter. Feasibility Study	Comm. Dvlp.	Contingent Proposed	TPO Grant	18	45	270	-	-	-	333
Fleet	Veh. Rplcmnt. - CD Planning	Comm. Dvlp.	Funded	505	-	-	-	-	-	-	-
Fleet	Veh. Rplcmnt. - CD Building	Comm. Dvlp.	Funded	505	-	-	-	-	-	-	-
Fleet	Veh. Rplcmnt. - CD Engrng	Comm. Dvlp.	Funded	505	-	-	-	-	-	-	-
				Total Community Development - All:	**1,333**	**5,276**	**6,576**	**518**	**4,350**	**-**	**18,053**
				Community Development - Funded:	**23**	**623**	**838**	**-**	**-**	**-**	**1,484**
				Community Development - Unfunded:	**958**	**1,700**	**-**	**-**	**-**	**-**	**2,658**
				Community Development - Contingent Proposed:	**352**	**2,953**	**5,738**	**518**	**4,350**	**-**	**13,911**
				Total Community Development - All:	**1,333**	**5,276**	**6,576**	**518**	**4,350**	**-**	**18,053**

Fund Legend:

001 General Fund	301 Capital Proj. (Gas Tax)	401 W/S Operating	450 Golf Course
106 Recreation Facilities (YMCA)	311 Fire Impact Fee	403 W/S R&R	505 Lease & Replacement
109 Building Special Revenue	312 Transp. Impact Fee	405 W/S Impact Fee	506 Building Maintenance
	317 General Capital	412 Drainage	

City of Port Orange, Florida
Capital Improvement Program (CIP) FY19 - FY24
Summary by Department and Funding Status
(in thousands)

#	Project	Department	Funding Status	Funding Source	FY19	FY20	FY21	FY22	FY23	FY24	Total
Fire											
201023	Thermal Imaging Camera Replacement Program	Fire	Funded	505	-	16	16	15	-	-	47
201637	Extrication Equipment	Fire	Funded	505	-	-	-	-	40	-	40
201838	Training Facility/Tower	Fire	Funded	311	75	403	-	-	-	-	478
	Training Facility/Tower	Fire	Unfunded	317	-	522	-	-	-	-	522
	Training Facility/Tower	Fire	Contingent Proposed	Funding from Other Cities	-	500	-	-	-	-	500
201839	Emergency Traffic Control	Fire	Funded	505	120	167	-	-	-	-	287
201842	Radios	Fire	Funded	505	215	-	-	-	-	-	215
	Radios	Fire	Contingent Proposed	AFG Grant	-	-					-
201844	Addition to FS 71	Fire	Unfunded	317	-	-	50	300	-	-	350
201948	Self Contained Breathing Apparatus Fill Station	Fire	Unfunded	317	-	-	-	45	-	-	45
201949	Gear Extractor and Dryers	Fire	Unfunded	317	44	-	-	-	-	-	44
Fleet	Veh. Rplcmnt. - Fire	Fire	Funded	505	900	420	135	-	85	751	2,291
				Total Fire - All:	**1,354**	**2,028**	**201**	**360**	**125**	**751**	**4,819**
				Fire - Funded:	**1,310**	**1,006**	**151**	**15**	**125**	**751**	**3,358**
				Fire - Unfunded:	**44**	**522**	**50**	**345**	**-**	**-**	**961**
				Fire - Contingent Proposed:	**-**	**500**	**-**	**-**	**-**	**-**	**500**
				Total Fire - All:	**1,354**	**2,028**	**201**	**360**	**125**	**751**	**4,819**

Fund Legend:			
001 General Fund	301 Capital Proj. (Gas Tax)	401 W/S Operating	450 Golf Course
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City of Port Orange, Florida
Capital Improvement Program (CIP) FY19 - FY24
Summary by Department and Funding Status
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#	Project	Department	Funding Status	Funding Source	FY19	FY20	FY21	FY22	FY23	FY24	Total
Information Technology (IT)											
200501	City Municipal Network	Info. Tech.	Funded	505	40	30	30	30	30	30	190
200503	Maintain Hardware Infrastructure	Info. Tech.	Funded	505	25	25	25	25	25	25	150
201321	Public Safety Technology Refresh	Info. Tech.	Funded	505	30	30	30	30	30	30	180
201626	Virtual Desktop Infrastructure	Info. Tech.	Funded	505	-	100	-	-	-	-	100
201728	Conference Room Upgrades	Info. Tech.	Unfunded	317	21	-	-	-	-	-	21
201831	Fiber Optic Network Tracer Wire	Info. Tech.	Funded	505	40	-	-	-	-	-	40
201933	Digital Signage	Info. Tech.	Funded	505	26	-	-	-	-	-	26
Fleet	Veh. Rplcmnt. - IT	Info. Tech.	Funded	505	-	-	-	-	-	-	-
				Total Information Technology - All:	**182**	**185**	**85**	**85**	**85**	**85**	**707**
				Information Technology - Funded:	**161**	**185**	**85**	**85**	**85**	**85**	**686**
				Information Technology - Unfunded:	**21**	**-**	**-**	**-**	**-**	**-**	**21**
				Information Technology - Contingent Proposed:	**-**	**-**	**-**	**-**	**-**	**-**	**-**
				Total Information Technology - All:	**182**	**185**	**85**	**85**	**85**	**85**	**707**

Fund Legend:			
	301 Capital Proj. (Gas Tax)	401 W/S Operating	450 Golf Course
001 General Fund	311 Fire Impact Fee	403 W/S R&R	505 Lease & Replacement
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City of Port Orange, Florida
Capital Improvement Program (CIP) FY19 - FY24
Summary by Department and Funding Status
(in thousands)

#	Project	Department	Funding Status	Funding Source	FY19	FY20	FY21	FY22	FY23	FY24	Total
Parks & Recreation											
200965	Fence, Dugout & Backstop Replacement	Parks & Rec.	Unfunded	317	65	140	140	-	-	-	345
201376	Parks Maintenance Storage	Parks & Rec.	Unfunded	317	35	-	-	-	-	-	35
	Parks Maintenance Storage	Parks & Rec.	Unfunded	317	-	213	-	-	-	-	213
201378	West Side Sports Complex	Parks & Rec.	Contingent Proposed	Bond / Debt	-	860	60	1,150	575	575	3,220
201481	Ball Field Lamp Replacement	Parks & Rec.	Unfunded	317	332	239	193	-	-	-	764
201686	The REC Ctr. Remodel and Expansion - Design/Const.	Parks & Rec.	Funded	317	510	-	-	-	-	-	510
	The REC Ctr. Remodel and Expansion	Parks & Rec.	Contingent Proposed	317	400	-	-	-	-	-	400
201687	Lakeside Facility HVAC	Parks & Rec.	Unfunded	317	335	-	-	-	-	-	335
201792	Restroom/Concession Facility	Parks & Rec.	Unfunded	317	-	-	213	-	-	-	213
201794	Playground Replacements	Parks & Rec.	Unfunded	317	44	174	-	-	-	-	218
	Playground Replacements	Parks & Rec.	Contingent Proposed	Grants / Bond	-	174	-	-	-	-	174
201795	Westside Community Center	Parks & Rec.	Contingent Proposed	Grants / Bond	-	-	-	-	55	4,000	4,055
201896	Amphitheater Seating Replacement	Parks & Rec.	Unfunded	317	-	-	89	20	165	-	274
Fleet	Veh. Rplcmnt. - Parks & Rec	Parks & Rec.	Funded	505	133	8	46	26	126	132	471
				Total Parks & Recreation - All:	**1,854**	**1,808**	**741**	**1,196**	**921**	**4,707**	**11,227**
				Parks & Recreation - Funded:	**643**	**8**	**46**	**26**	**126**	**132**	**981**
				Parks & Recreation - Unfunded:	**811**	**766**	**635**	**20**	**165**	**-**	**2,397**
				Parks & Recreation - Contingent Proposed:	**400**	**1,034**	**60**	**1,150**	**630**	**4,575**	**7,849**
				Total Parks & Recreation - All:	**1,854**	**1,808**	**741**	**1,196**	**921**	**4,707**	**11,227**

Fund Legend:			
001 General Fund	301 Capital Proj. (Gas Tax)	401 W/S Operating	450 Golf Course
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	317 General Capital	412 Drainage	

City of Port Orange, Florida
Capital Improvement Program (CIP) FY19 - FY24
Summary by Department and Funding Status
(in thousands)

#	Project	Department	Funding Status	Funding Source	FY19	FY20	FY21	FY22	FY23	FY24	Total
Police											
Fleet	Veh. Rplcmnt - Police	Police	Funded	505	456	782	250	342	722	646	3,198
Fleet	Veh. Rplcmnt - PD Community Improvement	Police	Funded	505	-	-	-	-	22	-	22
				Total Police - All:	**456**	**782**	**250**	**342**	**744**	**646**	**3,220**
				Police - Funded:	**456**	**782**	**250**	**342**	**744**	**646**	**3,220**
				Police - Unfunded:	**-**	**-**	**-**	**-**	**-**	**-**	**-**
				Police - Contingent Proposed:	**-**	**-**	**-**	**-**	**-**	**-**	**-**
				Total Police - All:	**456**	**782**	**250**	**342**	**744**	**646**	**3,220**

Fund Legend:			
001 General Fund	301 Capital Proj. (Gas Tax)	401 W/S Operating	450 Golf Course
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(in thousands)

Public Utilities

#	Project	Department	Funding Status	Funding Source	FY19	FY20	FY21	FY22	FY23	FY24	Total
028812	WTP - Water Supply Wells	Public Utilities	Funded	401	50	50	50	50	50	50	300
028813	Production Well Replacement	Public Utilities	Funded	403	-	250	250	250	250	-	1,000
029408	Water System Replacements	Public Utilities	Funded	401	450	450	400	200	200	200	1,900
	Water System Replacements	Public Utilities	Funded	403	-	300	50	200	200	300	1,050
	Water System Replacements	Public Utilities	Funded	405 (Water Impact)	550	250	150	-	-	-	950
029409	Water System Extensions / Upsizing A through B	Public Utilities	Funded	405 (Water Impact)	50	-	50	450	50	50	650
038710	City Cost Participation Project	Public Utilities	Funded	405 (Water Impact)	50	50	50	50	50	50	300
	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	401	180	180	180	180	180	180	1,080
	Telemetry Instrument / Control System A through B	Public Utilities	Funded	403	60	60	60	60	60	60	360
038955	Utilities Mapping	Public Utilities	Funded	401	50	50	50	50	50	50	300
038964	WRF - R&R A through C	Public Utilities	Funded	401	200	-	-	-	-	-	200
	WRF - R&R A through C	Public Utilities	Funded	403	150	885	900	925	950	500	4,310
038967	WRF - Electric System Repair/Replacement	Public Utilities	Funded	403	500	-	-	-	-	-	500
038970	WRF - Operations Building	Public Utilities	Funded	403	-	100	-	-	-	-	100
038971	WRF - Nutrient Removal Process Improvements	Public Utilities	Funded	405 (Sewer Impact)	-	500	3,000	-	-	-	3,500
	WRF - Nutrient Removal Process Improvements	Public Utilities	Contingent Proposed	Grants/ Bond	-	-	3,000	-	-	-	3,000
038972	WRF - Water Reuse Program	Public Utilities	Funded	405 (Sewer Impact)	300	-	2,000	-	-	-	2,300
	WRF - Water Reuse Program	Public Utilities	Contingent Proposed	Grants/ Bond	-	-	1,000	-	-	-	1,000
038973	Generator Replacements	Public Utilities	Funded	403	100	1,000	100	1,000	100	200	2,500
039493	WTP - R & R - Equipment A through B	Public Utilities	Funded	403	200	225	225	445	275	300	1,670
039494	WTP - 3 Million Gal Water Storage Tank	Public Utilities	Funded	405 (Sewer Impact)	300	-	2,000	-	-	-	2,300
	WTP - 3 Million Gal Water Storage Tank	Public Utilities	Contingent Proposed	Grants/ Bond	-	-	1,000	-	-	-	1,000
039495	WTP - Raw Water Main Replacement	Public Utilities	Funded	403	300	3,000	-	-	-	-	3,300
048922	Replace Existing Lift Stations	Public Utilities	Funded	403	200	200	200	360	360	360	1,680
049467	Sewer System Rehabilitation	Public Utilities	Funded	401	750	750	1,000	1,000	1,000	1,000	5,500
049468	Sewer System Rehab - Force Main River Crossing	Public Utilities	Funded	403	300	-	-	-	-	-	300
	Sewer System Rehab - Force Main River Crossing	Public Utilities	Funded	405 (Sewer Impact)	-	1,000	-	-	-	-	1,000
	Sewer System Rehab - Force Main River Crossing	Public Utilities	Contingent Proposed	Grants/ Bond	-	1,000	-	-	-	-	1,000
089409	Field Operations - Sewer System Expansion	Public Utilities	Funded	405 (Sewer Impact)	300	2,200	2,000	2,000	-	-	6,500
	Field Operations - Sewer System Expansion	Public Utilities	Contingent Proposed	Grants/ Bond	-	1,100	1,000	1,000	-	-	3,100
200304	Utility Coordination and Relocation	Public Utilities	Funded	401	-	25	25	25	25	25	125
200546	Meter Replacement Program A through B	Public Utilities	Funded	401	252	266	150	125	125	125	1,043
201051	Taylor Road Improvements	Public Utilities	Funded	403	-	-	-	800	-	-	800
	Taylor Road Improvements	Public Utilities	Funded	405 (Water Impact)	-	-	-	400	-	-	400
	Taylor Road Improvements	Public Utilities	Funded	405 (Sewer Impact)	-	-	-	400	-	-	400
			Public Utilities Project Totals:		**5,342**	**13,941**	**18,940**	**10,020**	**3,975**	**3,500**	**55,718**

City of Port Orange, Florida
Capital Improvement Program (CIP) FY19 - FY24
Summary by Department and Funding Status
(in thousands)

#	Project	Department	Funding Status	Funding Source	FY19	FY20	FY21	FY22	FY23	FY24	Total
Public Utilities											
Fleet	Veh. Rplcmnt. - Water Prod	Public Utilities	Funded	505	21	40	80	-	92	-	233
Fleet	Veh. Rplcmnt. - Wastewater	Public Utilities	Funded	505	-	-	-	-	-	-	-
Fleet	Veh. Rplcmnt. - Meter Readers	Public Utilities	Funded	505	-	-	22	-	-	-	22
Fleet	Veh. Rplcmnt. - Water Dist	Public Utilities	Funded	505	40	172	80	66	466	-	824
Fleet	Veh. Rplcmnt. - W/S Lab Ops	Public Utilities	Funded	505	-	-	-	-	-	-	-
Fleet	Veh. Rplcmnt. - W/S Admin.	Public Utilities	Funded	505	-	-	-	22	-	-	22
Fleet	Veh. Rplc. - W/S Warehouse	Public Utilities	Funded	505	-	-	-	-	30	-	30
			Public Utilities Vehicle Totals:		61	212	182	88	588	-	1,131
			Total Public Utilities - All:		61	212	182	88	588	-	1,131
			Public Utilities - Funded:		5,403	12,053	13,122	9,108	4,563	3,500	47,749
			Public Utilities - Unfunded:		-	-	-	-	-	-	-
			Public Utilities - Contingent Proposed:		-	2,100	6,000	1,000	-	-	9,100
			Total Public Utilities - All:		5,403	14,153	19,122	10,108	4,563	3,500	56,849

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City of Port Orange, Florida
Capital Improvement Program (CIP) FY19 - FY24
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#	Project	Department	Funding Status	Funding Source	FY19	FY20	FY21	FY22	FY23	FY24	Total
Public Works											
430102	Resurface Parking Lots at City Facilities A through B	Public Works	Unfunded	317	155	39	39	-	23	-	256
430201A	Road Resurfacing and Reconstruction	Public Works	Funded	301 (Restricted)	800	800	800	800	800	800	4,800
430201B	Curb & Guard Rail Replacement	Public Works	Funded	301 (Unrestricted)	237	-	-	-	-	-	237
430201C	School Crossing / Intersection Safety	Public Works	Funded	301 (Unrestricted)	43	-	-	-	-	-	43
201698	City Hall Building HVAC	Public Works	Unfunded	317	200	-	-	-	-	-	200
201750	PW Administration Building Interior Renovation	Public Works	Unfunded	317	328	-	-	-	-	-	328
201753	City Hall Repurposing	Public Works	Unfunded	317	275	-	-	-	-	-	275
	City Hall Repurposing	Public Works	Unfunded	317	-	-	-	-	-	-	-
201754	Work Shop	Public Works	Unfunded	317	64	-	-	-	-	-	64
201756	City Center Complex Landscape Improvements	Public Works	Unfunded	317	-	650	-	-	-	-	650
201870	Standby Power Generator Rebuild / Replacement	Public Works	Funded	506	100	100	100	100	100	100	600
201871	Kitchen Replacement at FS71 & FS74	Public Works	Funded	506	40	-	-	-	-	-	40
201957	Public Works Fence Replacement	Public Works	Unfunded	317	50	-	-	-	-	-	50
201958	Public Works Facility Paving	Public Works	Unfunded	317	70	-	-	-	-	-	70
Fleet	Veh. Rplcmnt. - Pub Works	Public Works	Funded	505	17	290	46	180	84	89	706
Fleet	Veh. Rplcmnt. - Bldg Maint	Public Works	Funded	505	-	-	-	-	-	-	-
Fleet	Veh. Rplcmnt. - Veh Maint	Public Works	Funded	505	-	45	-	-	-	-	45
Fleet	Veh. Rplcmnt. - Solid Waste	Public Works	Funded	505	-	-	-	-	-	-	-
			Total Public Works - All:		**2,379**	**1,924**	**985**	**1,080**	**1,007**	**989**	**8,364**
			Public Works - Funded:		**1,237**	**1,235**	**946**	**1,080**	**984**	**989**	**6,471**
			Public Works - Unfunded:		**1,142**	**689**	**39**	**-**	**23**	**-**	**1,893**
			Public Works - Contingent Proposed:		**-**	**-**	**-**	**-**	**-**	**-**	**-**
			Total Public Works - All:		**2,379**	**1,924**	**985**	**1,080**	**1,007**	**989**	**8,364**

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City of Port Orange, Florida
Capital Improvement Program (CIP) FY19 - FY24
Summary by Department and Funding Status
(in thousands)

#	Project	Department	Funding Status	Funding Source	FY19	FY20	FY21	FY22	FY23	FY24	Total
Stormwater Utility											
201409	Tumblebrook Drive Stormwater Improvements	Stormwater	Funded	412	186	-	-	-	-	-	186
201439	Halifax River Outfall Replacement	Stormwater	Funded	412	-	471	471	471	300	-	1,713
201441	Southwinds Stormwater Outfall Retrofit (Ph I) Design	Stormwater	Funded	412	-	-	45	-	-	-	45
	Southwinds Stormwater Outfall Retrofit (Ph I)	Stormwater	Unfunded	412	-	-	-	681	-	-	681
	Southwinds Stormwater Outfall Retrofit (Ph II)	Stormwater	Unfunded	412	-	-	-	681	-	-	681
201642	Howes Street Stormwater Improvements	Stormwater	Funded	412	-	724	-	-	-	-	724
	Howes Street Stormwater Improvements	Stormwater	Contingent Proposed	Grants / Bond	-	341	-	-	-	-	341
201645	White Place & Riverside Drainage Improvements	Stormwater	Unfunded	412	109	-	-	-	-	-	109
201647	Pipe Replacement	Stormwater	Funded	412	320	370	420	470	520	570	2,670
201760	City Center Shoreline Stabilization	Stormwater	Funded	412	-	341	-	-	-	-	341
201761	Powers Avenue at Lemon Street Drainage Improvements	Stormwater	Unfunded	412	-	-	175	-	-	-	175
201762	Viking Drive Stormwater Improvements	Stormwater	Funded	412	-	-	-	30	-	-	30
201763	Charles Street Drainage Improvements	Stormwater	Funded	412	110	-	730	-	-	-	840
201865	Virginia Ave. and Monroe St. Drainage Basin	Stormwater	Funded	412	383	-	-	-	-	-	383
	Virginia Ave. and Monroe St. Drainage Basin	Stormwater	Contingent Proposed	Various Grants	1,394	-	-	-	-	-	1,394
201866	Storm Water Master Plan Phase II	Stormwater	Unfunded	412	-	-	380	-	-	-	380
201967	Pond Dredging	Stormwater	Funded	412	-	75	75	80	80	85	395
Fleet	Veh. Rplcmnt. - Stormwater	Stormwater	Funded	505	-	500	978	27	60	60	1,625
			Total Stormwater Utility - All:		**2,502**	**2,822**	**3,274**	**2,440**	**960**	**715**	**12,713**
			Stormwater Utility - Funded:		**999**	**2,481**	**2,719**	**1,078**	**960**	**715**	**8,952**
			Stormwater Utility - Unfunded:		**109**	**-**	**555**	**1,362**	**-**	**-**	**2,026**
			Stormwater Utility - Contingent Proposed:		**1,394**	**341**	**-**	**-**	**-**	**-**	**1,735**
			Total Stormwater Utility - All:		**2,502**	**2,822**	**3,274**	**2,440**	**960**	**715**	**12,713**

Fund Legend:			
001 General Fund	301 Capital Proj. (Gas Tax)	401 W/S Operating	450 Golf Course
106 Recreation Facilities (YMCA)	311 Fire Impact Fee	403 W/S R&R	505 Lease & Replacement
109 Building Special Revenue	312 Transp. Impact Fee	405 W/S Impact Fee	506 Building Maintenance
	317 General Capital	412 Drainage	

City of Port Orange, Florida
Capital Improvement Program (CIP) FY19 - FY24
Summary by Department and Funding Status
(in thousands)

#	Project	Department	Funding Status	Funding Source	FY19	FY20	FY21	FY22	FY23	FY24	Total
Cypress Head Golf Course											
201889	Canopy for Maintenance Facility	Cypress Head	Funded	450	20	-	-	-	-	-	20
201992	Irrigation Repair and Replacement	Cypress Head	Funded	450	-	250	250	-	-	-	500
Fleet	Equip. Rplc. - Cypress Head	Cypress Head	Funded	505	107	53	65	74	44	21	364
Fleet	Golf Cart Rplc. - Cypress Head	Cypress Head	Funded	505	225	-	-	-	-	-	225
		Total Cypress Head Golf Course - All:			**352**	**303**	**315**	**74**	**44**	**21**	**1,109**
		Cypress Head Golf Course - Funded:			**352**	**303**	**315**	**74**	**44**	**21**	**1,109**
		Cypress Head Golf Course - Unfunded:			**-**	**-**	**-**	**-**	**-**	**-**	**-**
		Cypress Head Golf Course - Contingent Proposed:			**-**	**-**	**-**	**-**	**-**	**-**	**-**
		Total Cypress Head Golf Course - All:			**352**	**303**	**315**	**74**	**44**	**21**	**1,109**

Fund Legend:			
001 General Fund	301 Capital Proj. (Gas Tax)	401 W/S Operating	450 Golf Course
106 Recreation Facilities (YMCA)	311 Fire Impact Fee	403 W/S R&R	505 Lease & Replacement
109 Building Special Revenue	312 Transp. Impact Fee	405 W/S Impact Fee	506 Building Maintenance
	317 General Capital	412 Drainage	

(in thousands)

#	Project	Department	Funding Status	Funding Source	FY19	FY20	FY21	FY22	FY23	FY24	Total
YMCA											
201821	Exterior Repairs and Painting	YMCA	Funded	106	37	-	-	-	-	-	37
430102C	Resurface Parking Lot - YMCA	YMCA	Funded	106	80	-	-	-	-	-	80
				Total YMCA - All:	**117**	**-**	**-**	**-**	**-**	**-**	**117**
				YMCA - Funded:	**117**	**-**	**-**	**-**	**-**	**-**	**117**
				YMCA - Unfunded:	**-**	**-**	**-**	**-**	**-**	**-**	**-**
				YMCA - Contingent Proposed:	**-**	**-**	**-**	**-**	**-**	**-**	**-**
				Total YMCA - All:	**117**	**-**	**-**	**-**	**-**	**-**	**117**

Fund Legend:			
001 General Fund	301 Capital Proj. (Gas Tax)	401 W/S Operating	450 Golf Course
106 Recreation Facilities (YMCA)	311 Fire Impact Fee	403 W/S R&R	505 Lease & Replacement
109 Building Special Revenue	312 Transp. Impact Fee	405 W/S Impact Fee	506 Building Maintenance
	317 General Capital	412 Drainage	

City of Port Orange, Florida
Capital Improvement Program (CIP) FY19 - FY24
Summary by Department and Funding Status
(in thousands)

#	Project	Department	Funding Status	Funding Source	FY19	FY20	FY21	FY22	FY23	FY24	Total
		Grand Total - All Departments:			**16,214**	**29,563**	**31,831**	**16,203**	**12,799**	**11,414**	**118,024**
		All Departments - Funded:			**10,983**	**18,958**	**18,754**	**11,808**	**7,631**	**6,839**	**74,973**
		All Departments - Unfunded:			**3,085**	**3,677**	**1,279**	**1,727**	**188**	**-**	**9,956**
		All Departments - Contingent Proposed:			**2,146**	**6,928**	**11,798**	**2,668**	**4,980**	**4,575**	**33,095**
		Grand Total - All Departments:			**16,214**	**29,563**	**31,831**	**16,203**	**12,799**	**11,414**	**118,024**

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

Fund Legend:			
	301 Capital Proj. (Gas Tax)	401 W/S Operating	450 Golf Course
001 General Fund	311 Fire Impact Fee	403 W/S R&R	505 Lease & Replacement
106 Recreation Facilities (YMCA)	312 Transp. Impact Fee	405 W/S Impact Fee	506 Building Maintenance
109 Building Special Revenue	317 General Capital	412 Drainage	

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Capital Improvement Program (CIP) FY19 - FY24

Summary by Funding Source

(in thousands)

#	Project	Department	FY19	FY20	FY21	FY22	FY23	FY24	Total
Projects that are Funded:									
Fund 106 Recreation Facilities (YMCA)									
201821	Exterior Repairs and Painting	YMCA	37	-	-	-	-	-	37
430102C	Resurface Parking Lot - YMCA	YMCA	80	-	-	-	-	-	80
		Total Fund 106:	**117**	**-**	**-**	**-**	**-**	**-**	**117**

Capital Improvement Program (CIP) FY19 - FY24

Summary by Funding Source

(in thousands)

#	Project	Department	FY19	FY20	FY21	FY22	FY23	FY24	Total
Projects that are Funded - Continued:									
Fund 301 Capital Projects									
201015	Willow Run Blvd. Widening	Comm. Dvlp.	-	200	-	-	-	-	200
201647	WB Dunlawton Ave. Right Turn Lane and City Center Cir.	Comm. Dvlp.	2	76	-	-	-	-	78
201750	EB Dunlawton Ave. Right Turn Lane at Clyde Morris Blvd.	Comm. Dvlp.	8	87	-	-	-	-	95
201751	WB Dunlawton Ave. Right Turn Lane at Nova Rd.	Comm. Dvlp.	-	11	87	-	-	-	98
201856	EB Herbert St. Left Turn Lane at Nova Rd.	Comm. Dvlp.	-	10	120	-	-	-	130
430201A	Road Resurfacing and Reconstruction	Public Works	800	800	800	800	800	800	4,800
430201B	Curb & Guard Rail Replacement	Public Works	237	-	-	-	-	-	237
430201C	School Crossing / Intersection Safety	Public Works	43	-	-	-	-	-	43
									-
		Total Fund 301:	**1,090**	**1,184**	**1,007**	**800**	**800**	**800**	**5,681**

Capital Improvement Program (CIP) FY19 - FY24

Summary by Funding Source

(in thousands)

#	Project	Department	FY19	FY20	FY21	FY22	FY23	FY24	Total
Projects that are Funded - Continued:									
Fund 311 Fire Impact Fee									
201838	Training Facility/Tower	Fire	75	403	-	-	-	-	478
		Total Fund 311:	**75**	**403**	**-**	**-**	**-**	**-**	**478**

Capital Improvement Program (CIP) FY19 - FY24

Summary by Funding Source

(in thousands)

#	Project	Department	FY19	FY20	FY21	FY22	FY23	FY24	Total
Projects that are Funded - Continued:									
Fund 312 Transportation Impact Fee									
201336	Willow Run Blvd. Sidewalk (South)	Comm. Dvlp.	-	61	-	-	-	-	61
201857	Madeline Avenue (East) Sidewalks	Comm. Dvlp.	-	10	271	-	-	-	281
201858	Madeline Avenue (West) Sidewalk	Comm. Dvlp.	2	10	280	-	-	-	292
201859	Taylor Rd./Williamson Blvd. Inter. Feasibility Study	Comm. Dvlp.	1	-	-	-	-	-	1
201861	Sidewalk Gap Project	Comm. Dvlp.	8	153	-	-	-	-	161
201964	Taylor Rd./Clyde Morris Blvd. Inter. Feasibility Study	Comm. Dvlp.	2	5	80	-	-	-	87
		Total Fund 312:	**13**	**239**	**631**	**-**	**-**	**-**	**883**

Capital Improvement Program (CIP) FY19 - FY24

Summary by Funding Source

(in thousands)

#	Project	Department	FY19	FY20	FY21	FY22	FY23	FY24	Total
Projects that are Funded / Unfunded - Continued:									
Funded 317 General Capital Fund									
201686	The REC Ctr. Remodel and Expansion - Design/Const.	Parks & Rec.	510	-	-	-	-	-	510
	Subtotal Funded 317 Projects:		**510**	**-**	**-**	**-**	**-**	**-**	**510**
				-	-	-	-	-	
Unfunded 317 General Capital Fund									
201963	ADA Transition Plan	Comm. Dvlp.	200	200	-	-	-	-	400
201687	Lakeside Facility HVAC Replacement	Parks & Rec.	335	-	-	-	-	-	335
201545	Riverwalk Park South Phase - Constr.	Comm. Dvlp.	-	1,500	-	-	-	-	1,500
430102	Resurface Parking Lots at City Facilities A through B	Public Works	155	39	39	-	23	-	256
201376	Parks Maintenance Storage - Design	Parks & Rec.	35	-	-	-	-	-	35
201376	Parks Maintenance Storage	Parks & Rec.	-	213	-	-	-	-	213
201754	Work Shop	Public Works	64	-	-	-	-	-	64
201949	Gear Extractor and Dryers	Fire	44	-	-	-	-	-	44
201958	Public Works Facility Paving	Public Works	70	-	-	-	-	-	70
200965	Fence, Dugout & Backstop Replacement	Parks & Rec.	65	140	140	-	-	-	345
201794	Playground Replacements	Parks & Rec.	44	174	-	-	-	-	218
201750	PW Administration Building Interior Renovation	Public Works	328	-	-	-	-	-	328
201481	Ball Field Lamp Replacement	Parks & Rec.	332	239	193	-	-	-	764
201957	Public Works Fence Replacement	Public Works	50	-	-	-	-	-	50
201753	City Hall Repurposing	Public Works	275	-	-	-	-	-	275
201698	City Hall Building HVAC	Public Works	200	-	-	-	-	-	200
201648	Beautification of I-95 Interchange	Comm. Dvlp.	498	-	-	-	-	-	498
201751	WB Dunlawton Ave. Right Turn Lane at Nova Rd.	Comm. Dvlp.	260	-	-	-	-	-	260
201948	Self Contained Breathing Apparatus Fill Station	Fire	-	-	-	45	-	-	45
201838	Training Facility/Tower	Fire	-	522	-	-	-	-	522
201844	Addition to FS 71	Fire	-	-	50	300	-	-	350
201728	Conference Room Upgrades	Info. Tech.	21	-	-	-	-	-	21
201896	Amphitheater Seating Replacement	Parks & Rec.	-	-	89	20	165	-	274
201792	Restroom/Concession Facility	Parks & Rec.	-	-	213	-	-	-	213
201756	City Center Complex Landscape Improvements	Public Works	-	650	-	-	-	-	650
	Subtotal Unfunded 317 Projects:		**2,976**	**3,677**	**724**	**365**	**188**	**-**	**7,930**
	Total Fund 317:		**3,486**	**3,677**	**724**	**365**	**188**	**-**	**8,440**

Capital Improvement Program (CIP) FY19 - FY24

Summary by Funding Source

(in thousands)

Projects that are Funded - Continued:

Fund 401 Water & Sewer Operating

#	Project	Department	FY19	FY20	FY21	FY22	FY23	FY24	Total
028812	WTP - Water Supply Wells	Public Utilities	50	50	50	50	50	50	300
029408	Water System Replacements	Public Utilities	450	450	400	200	200	200	1,900
038825	Telemetry Instrument / Control System A through B	Public Utilities	180	180	180	180	180	180	1,080
038955	Utilities Mapping	Public Utilities	50	50	50	50	50	50	300
038964	WRF - R&R A through C	Public Utilities	200	-	-	-	-	-	200
049467	Sewer System Rehabilitation	Public Utilities	750	750	1,000	1,000	1,000	1,000	5,500
200304	Utility Coordination and Relocation	Public Utilities	-	25	25	25	25	25	125
200546	Meter Replacement Program A through B	Public Utilities	252	266	150	125	125	125	1,043
		Total Fund 401:	**1,932**	**1,771**	**1,855**	**1,630**	**1,630**	**1,630**	**10,448**

Capital Improvement Program (CIP) FY19 - FY24

Summary by Funding Source

(in thousands)

#	Project	Department	FY19	FY20	FY21	FY22	FY23	FY24	Total
Projects that are Funded - Continued:									
Fund 403 Water & Sewer R & R									
028813	Production Well Replacement	Public Utilities	-	250	250	250	250	-	1,000
029408	Water System Replacements	Public Utilities	-	300	50	200	200	300	1,050
038825	Telemetry Instrument / Control System A through B	Public Utilities	60	60	60	60	60	60	360
038964	WRF - R&R A through C	Public Utilities	150	885	900	925	950	500	4,310
038967	WRF - Electric System Repair/Replacement	Public Utilities	500	-	-	-	-	-	500
038970	WRF - Operations Building Expansion	Public Utilities	-	100	-	-	-	-	100
038973	Generator Replacements	Public Utilities	100	1,000	100	1,000	100	200	2,500
039493	WTP - R & R - Equipment A through B	Public Utilities	200	225	225	445	275	300	1,670
039495	WTP - Raw Water Main Replacement	Public Utilities	300	3,000	-	-	-	-	3,300
048922	Replace Existing Lift Stations	Public Utilities	200	200	200	360	360	360	1,680
049468	Sewer System Rehab - Force Main River Crossing	Public Utilities	300	-	-	-	-	-	300
201051	Taylor Road Improvements	Public Utilities	-	-	-	800	-	-	800
		Total Fund 403:	**1,810**	**6,020**	**1,785**	**4,040**	**2,195**	**1,720**	**17,570**

Capital Improvement Program (CIP) FY19 - FY24

Summary by Funding Source

(in thousands)

#	Project	Department	FY19	FY20	FY21	FY22	FY23	FY24	Total
Projects that are Funded - Continued:									
Fund 405 Water & Sewer Impact Fee									
Water Impact Fee									
029408	Water System Replacements	Public Utilities	550	250	150	-	-	-	950
029409	Water System Extensions / Upsizing A through B	Public Utilities	50	-	50	450	50	50	650
038710	City Cost Participation Project	Public Utilities	50	50	50	50	50	50	300
039494	WTP - 3 Million Gal Water Storage Tank	Public Utilities	300	-	2,000	-	-	-	2,300
201051	Taylor Road Improvements	Public Utilities	-	-	-	400	-	-	400
		Subtotal Water Impact Fee:	**950**	**300**	**2,250**	**900**	**100**	**100**	**4,600**
Sewer Impact Fee									
038710	City Cost Participation Project	Public Utilities	50	50	50	50	50	50	300
038971	WRF - Nutrient Removal Process Improvements	Public Utilities	-	500	3,000	-	-	-	3,500
038972	WRF - Water Reuse Program	Public Utilities	300	-	2,000	-	-	-	2,300
049468	Sewer System Rehab - Force Main River Crossing	Public Utilities	-	1,000	-	-	-	-	1,000
089409	Field Operations - Sewer System Expansion	Public Utilities	300	2,200	2,000	2,000	-	-	6,500
201051	Taylor Road Improvements	Public Utilities	-	-	-	400	-	-	400
		Subtotal Sewer Impact Fee:	**650**	**3,750**	**7,050**	**2,450**	**50**	**50**	**14,000**
		Total Fund 405:	**1,600**	**4,050**	**9,300**	**3,350**	**150**	**150**	**18,600**

Capital Improvement Program (CIP) FY19 - FY24

Summary by Funding Source

(in thousands)

#	Project	Department	FY19	FY20	FY21	FY22	FY23	FY24	Total
Projects that are Funded / Unfunded - Continued:									
Funded 412 Drainage Projects									
201865	Virginia Ave. and Monroe St. Drainage Basin	Stormwater	383	-	-	-	-	-	383
201642	Howes Street Stormwater Improvements	Stormwater	-	724	-	-	-	-	724
201439	Halifax River Outfall Replacement	Stormwater	-	471	471	471	300	-	1,713
201409	Tumblebrook Drive Stormwater Improvements	Stormwater	186	-	-	-	-	-	186
201647	Pipe Replacement	Stormwater	320	370	420	470	520	570	2,670
201760	City Center Shoreline Stabilization	Stormwater	-	341	-	-	-	-	341
201441	Southwinds Stormwater Outfall Retrofit (Ph I) Design	Stormwater	-	-	45	-	-	-	45
201763	Charles Street Drainage Improvements	Stormwater	110	-	730	-	-	-	840
201762	Viking Drive Stormwater Improvements	Stormwater	-	-	-	30	-	-	30
201967	Pond Dredging	Stormwater	-	75	75	80	80	85	395
	Subtotal Funded 412 Drainage Projects:		**999**	**1,981**	**1,741**	**1,051**	**900**	**655**	**7,327**
Unfunded 412 Drainage Projects									
201441	Southwinds Stormwater Outfall Retrofit (Ph I)	Stormwater	-	-	-	681	-	-	681
201441	Southwinds Stormwater Outfall Retrofit (Ph II)	Stormwater	-	-	-	681	-	-	681
201645	White Place & Riverside Drainage Improvements	Stormwater	109	-	-	-	-	-	109
201761	Powers Avenue at Lemon Street Drainage Improvements	Stormwater	-	-	175	-	-	-	175
201866	Storm Water Master Plan Phase II	Stormwater	-	-	380	-	-	-	380
	Subtotal Unfunded 412 Drainage Projects:		**109**	**-**	**555**	**1,362**	**-**	**-**	**2,026**
	Total Fund 412:		**1,108**	**1,981**	**2,296**	**2,413**	**900**	**655**	**9,353**

Capital Improvement Program (CIP) FY19 - FY24

Summary by Funding Source

(in thousands)

Projects that are Funded - Continued:

Fund 450 Golf Course

#	Project	Department	FY19	FY20	FY21	FY22	FY23	FY24	Total
201889	Canopy for Maintenance Facility	Cypress Head	20	-	-	-	-	-	20
201992	Irrigation Repair and Replacement	Cypress Head	-	250	250	-	-	-	500
		Total Fund 450:	**20**	**250**	**250**	**-**	**-**	**-**	**520**

Capital Improvement Program (CIP) FY19 - FY24

Summary by Funding Source

(in thousands)

#	Project	Department	FY19	FY20	FY21	FY22	FY23	FY24	Total
Projects that are Funded - Continued:									
Fund 505 Lease & Replacement Fund									
201501	Enterprise Resource Planning System	City Manager	282	282	282	-	-	-	846
Fleet	Veh. Rplcmnt. - CD Building	Comm. Dvlp.	-	-	-	-	-	-	-
201023	Thermal Imaging Camera Replacement Program	Fire	-	16	16	15	-	-	47
201637	Extrication Equipment	Fire	-	-	-	-	40	-	40
201839	Emergency Traffic Control	Fire	120	167	-	-	-	-	287
201842	Radios	Fire	215	-	-	-	-	-	215
Fleet	Veh. Rplcmnt. - Fire	Fire	900	420	135	-	85	751	2,291
200501	City Municipal Network	Info. Tech.	40	30	30	30	30	30	190
200503	Maintain Hardware Infrastructure	Info. Tech.	25	25	25	25	25	25	150
201321	Public Safety Technology Refresh	Info. Tech.	30	30	30	30	30	30	180
201626	Virtual Desktop Infrastructure	Info. Tech.	-	100	-	-	-	-	100
201831	Fiber Optic Network Tracer Wire	Info. Tech.	40	-	-	-	-	-	40
201933	Digital Signage	Info. Tech.	26	-	-	-	-	-	26
Fleet	Veh. Rplcmnt. - Parks & Rec	Parks & Rec.	133	8	46	26	126	132	471
Fleet	Veh. Rplcmnt - Police	Police	456	782	250	342	722	646	3,198
Fleet	Veh. Rplcmnt - PD Community Improvement	Police	-	-	-	-	22	-	22
Fleet	Veh. Rplcmnt. - Water Prod	Public Utilities	21	40	80	-	92	-	233
Fleet	Veh. Rplcmnt. - Meter Readers	Public Utilities	-	-	22	-	-	-	22
Fleet	Veh. Rplcmnt. - Water Dist	Public Utilities	40	172	80	66	466	-	824
Fleet	Veh. Rplcmnt. - W/S Admin.	Public Utilities	-	-	-	22	-	-	22
Fleet	Veh. Rplc. - W/S Warehouse	Public Utilities	-	-	-	-	30	-	30
Fleet	Veh. Rplcmnt. - Pub Works	Public Works	17	290	46	180	84	89	706
Fleet	Veh. Rplcmnt. - Bldg Maint	Public Works	-	-	-	-	-	-	-
Fleet	Veh. Rplcmnt. - Veh Maint	Public Works	-	45	-	-	-	-	45
Fleet	Veh. Rplcmnt. - Stormwater	Stormwater	-	500	978	27	60	60	1,625
Fleet	Equip. Rplc. - Cypress Head	Cypress Head	107	53	65	74	44	21	364
Fleet	Golf Cart Rplc. - Cypress Head	Cypress Head	225	-	-	-	-	-	225
		Total Fund 505:	**2,677**	**2,960**	**2,085**	**837**	**1,856**	**1,784**	**12,199**

Capital Improvement Program (CIP) FY19 - FY24

Summary by Funding Source

(in thousands)

#	Project	Department	FY19	FY20	FY21	FY22	FY23	FY24	Total
Projects that are Funded - Continued:									
Fund 506 Building Maintenance									
201870	Standby Power Generator Rebuild / Replacement	Public Works	100	100	100	100	100	100	600
201871	Kitchen Replacement at FS71 & FS74	Public Works	40	-	-	-	-	-	40
		Total Fund 506:	**140**	**100**	**100**	**100**	**100**	**100**	**640**

Capital Improvement Program (CIP) FY19 - FY24

Summary by Funding Source

(in thousands)

#	Project	Department	FY19	FY20	FY21	FY22	FY23	FY24	Total
	Projects that have Contingent Proposed Funding:								
	Bond/Debt/Grant /Other Funding								
201838	Training Facility/Tower	Fire	-	500	-	-	-	-	500
201378	West Side Sports Complex	Parks & Rec.	-	860	60	1,150	575	575	3,220
201686	The REC Ctr. Remodel and Expansion	Parks & Rec.	400	-	-	-	-	-	400
201794	Playground Replacements	Parks & Rec.	-	174	-	-	-	-	174
201795	Westside Community Center	Parks & Rec.	-	-	-	-	55	4,000	4,055
038971	WRF - Nutrient Removal Process Improvements	Public Utilities	-	-	3,000	-	-	-	3,000
038972	WRF - Water Reuse Program	Public Utilities	-	-	1,000	-	-	-	1,000
039494	WTP - 3 Million Gal Water Storage Tank	Public Utilities	-	-	1,000	-	-	-	1,000
049468	Sewer System Rehab - Force Main River Crossing	Public Utilities	-	1,000	-	-	-	-	1,000
089409	Field Operations - Sewer System Expansion	Public Utilities	-	1,100	1,000	1,000	-	-	3,100
201642	Howes Street Stormwater Improvements	Stormwater	-	341	-	-	-	-	341
201865	Virginia Ave. and Monroe St. Drainage Basin	Stormwater	1,394	-	-	-	-	-	1,394
	Total Contingent Proposed Bond/Debt/Grant/Other Funding:		**1,794**	**3,975**	**6,060**	**2,150**	**630**	**4,575**	**19,184**

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

Capital Improvement Program (CIP) FY19 - FY24

Summary by Funding Source

(in thousands)

#	Project	Department	FY19	FY20	FY21	FY22	FY23	FY24	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
201008	Yorktowne Blvd. North Section (Nautica Lakes)	Comm. Dvlp.	-	1,200	-	-	-	-	1,200
	Total Contingent Proposed Developer Constructed Funding:		**-**	**1,200**	**220**	**518**	**4,350**	**-**	**6,288**

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

Capital Improvement Program (CIP) FY19 - FY24

Summary by Funding Source

(in thousands)

#	Project	Department	FY19	FY20	FY21	FY22	FY23	FY24	Total
Projects that have Contingent Proposed Funding:									
TPO Grants									
201015	Willow Run Blvd. Widening	Comm. Dvlp.	-	-	1,125	-	-	-	1,125
201336	Willow Run Blvd. Sidewalk (South)	Comm. Dvlp.	54	144	-	-	-	-	198
201647	WB Dunlawton Ave. Right Turn Lane and City Center Cir.	Comm. Dvlp.	47	231	-	-	-	-	278
201750	EB Dunlawton Ave. Right Turn Lane at Clyde Morris Blvd.	Comm. Dvlp.	67	338	-	-	-	-	405
201751	WB Dunlawton Ave. Right Turn Lane at Nova Rd.	Comm. Dvlp.	-	99	334	-	-	-	433
201856	EB Herbert St. Left Turn Lane at Nova Rd.	Comm. Dvlp.	18	90	540	-	-	-	648
201857	Madeline Avenue (East) Sidewalks	Comm. Dvlp.	18	90	729	-	-	-	837
201858	Madeline Avenue (West) Sidewalk	Comm. Dvlp.	18	90	720	-	-	-	828
201859	Taylor Rd./Williamson Blvd. Inter. Feasibility Study	Comm. Dvlp.	36	-	-	-	-	-	36
201861	Sidewalk Gap Project	Comm. Dvlp.	76	326	-	-	-	-	402
201964	Taylor Rd./Clyde Morris Blvd. Inter. Feasibility Study	Comm. Dvlp.	18	45	270	-	-	-	333
	Total Contingent Proposed TPO Grant Funding:		**352**	**1,453**	**3,718**	**-**	**-**	**-**	**5,523**

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

Capital Improvement Program (CIP) FY19 - FY24

Summary by Funding Source

(in thousands)

#	Project	Department	FY19	FY20	FY21	FY22	FY23	FY24	Total
Projects that have Contingent Proposed Funding:									
FDOT Funded									
201749	SUNTrail - St. Johns River to Sea Loop (FKA - Halifax Drive Linear Park)	Comm. Dvlp.	-	300	1,800	-	-	-	2,100
	Total Contingent Proposed FDOT Funding:		**-**	**300**	**1,800**	**-**	**-**	**-**	**2,100**

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

Capital Improvement Program (CIP) FY19 - FY24

Summary by Funding Source

(in thousands)

#	Project	Department	FY19	FY20	FY21	FY22	FY23	FY24	Total
		All Funds - Funded Projects:	**10,983**	**18,958**	**18,754**	**11,808**	**7,631**	**6,839**	**74,973**
		All Funds - Unfunded Projects:	**3,085**	**3,677**	**1,279**	**1,727**	**188**	**-**	**9,956**
		All Funds - Contingent Proposed Projects:	**2,146**	**6,928**	**11,798**	**2,668**	**4,980**	**4,575**	**33,095**
		Grand Total - All Projects:	**16,214**	**29,563**	**31,831**	**16,203**	**12,799**	**11,414**	**118,024**

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Revenue and Expense Projections by Fund

Recreation Facilities Fund 106	FY18	FY19	FY20	FY21	FY22	FY23	FY24
Revenues							
Actual thru 05/31/2018	144,079						
Remainder of FY18	101,250						
Interest		3,000	3,000	3,000	3,000	3,000	3,000
YMCA Rental Revenue (New Contract)		218,738	223,608	228,262	232,700	237,354	242,116
Total Revenues:	**245,329**	**221,738**	**226,608**	**231,262**	**235,700**	**240,354**	**245,116**
Expenditures							
Actual thru 05/31/2018	13,853						
Remainder of FY18	234,224						
Encumbrances	-						
Operating Expenses		9,500	9,500	9,500	9,500	9,500	9,500
Transfer to General Fund 001		100,000	130,000	130,000	130,000	130,000	130,000
YMCA Capital Improvement Program (CIP)							
Exterior Repairs and Painting		37,000	-	-	-	-	-
Resurface Parking Lot - YMCA		80,000	-	-	-	-	-
		-	-	-	-	-	-
Total Expenditures:	**248,077**	**226,500**	**139,500**	**139,500**	**139,500**	**139,500**	**139,500**
Increase / (Decrease) per Fiscal Year:	(2,748)	(4,762)	87,108	91,762	96,200	100,854	105,616
Beginning Available Funds (Cash Reserves)*:	131,094	128,346	123,584	210,692	302,455	398,655	499,508
Ending Available Funds (Cash Reserves):	**128,346**	**123,584**	**210,692**	**302,455**	**398,655**	**499,508**	**605,125**

Committed FY18 Recreation Facilities Projects as of 05/31/18

PROJECT DESC	PROJ #	BUDGET	EXPENSES	ENCUMBERED	BALANCE	% BUDGET EXPENDED
R YMCA REPAIRS	QPC020	6,044.00	-	-	6,044.00	0.00%
R YMCA AC REPLACEMENTS	QPC049	18,680.00	-	-	18,680.00	0.00%
R YMCA Pool Resurfacing	QPC077	135,000.00	-	-	135,000.00	0.00%
R YMCA Ext Rprs&Painting	QPC078	70,000.00	-	-	70,000.00	0.00%
Total for Recreation Facilities 106 Fund:		**229,724.00**	**-**	**-**	**229,724.00**	**0.00%**

*Note: The Beginning Available Funds (Cash Reserves) includes YMCA funds only.

Revenue and Expense Projections by Fund

Capital Projects Fund 301	FY18	FY19	FY20	FY21	FY22	FY23	FY24
Revenues							
Actual 1-6 Cents Unrestricted Gas Tax RV thru 05/31/2018	368,739						
Actual 1-5 Cents Restricted Gas Tax RV thru 05/31/2018	272,351						
Actual 1-5 Cents Restricted Misc RV thru 05/31/2018							
Actual 1-6 Cents Unrestricted Interest thru 05/31/2018	23,629						
Actual LAP RV thru 05/31/2018	-						
Remaining FY18 1-6 Cents Unrestricted Gas Tax RV	334,511						
Remaining FY18 1-5 Cents Restricted Gas Tax RV	132,977						
Remaining FY18 1-6 Cents Unrestricted Interest							
Gas Tax 1 - 6 cents (New Constr, Expansion, Operations or Paving) Unrestricted		703,250	703,250	703,250	703,250	703,250	703,250
Gas Tax 1 - 5 cents (New Constr. or Expansion Only) Restricted		405,328	405,328	405,328	405,328	405,328	405,328
Interest on Investments - Unrestricted		7,000	7,000	7,000	7,000	7,000	7,000
Total Revenues:	**1,132,207**	**1,115,578**	**1,115,578**	**1,115,578**	**1,115,578**	**1,115,578**	**1,115,578**
Expenditures							
Actual 1-6 Cents Unrestricted Gas Tax XP thru 05/31/2018	244,837						
Actual 1-5 Cents Restricted Gas Tax XP thru 05/31/2018	748,060						
Remaining 1-6 Cents Unrestricted Gas Tax XP	806,796						
Remaining 1-5 Cents Restricted Gas Tax XP	1,570,932						
Encumbrances							
Remainder of FY18 - 1 - 6 Cents (New, Expansion, Paving, Ops.) Unrestricted	340,886						
Remainder of FY18 - 1 - 5 Cents (New or Expansion Only) Restricted	40,355						
Contingency							
Remainder of FY18 - 1 - 5 Cents (New or Expansion Only) Restricted	-						
Remainder of FY18 - 1 - 6 Cents (New, Expansion, Paving, Ops.) Unrestricted							
Operating Expenses (1 - 6 Cents or Misc. RV Funding) Unrestricted - Fleet Financing		122,315	137,959	153,448	147,772	135,897	135,142
Operating Expenses (1 - 6 Cents or Misc. RV Funding) Unrestricted - RR Annual Maint, Striping, Signage, Sidewalk Repair		375,350	375,350	375,350	375,350	375,350	375,350
Capital Improvement Program (CIP)							
Unrestricted (1 - 6 Cents or Misc. RV Funding)							
Curb & Guard Rail Replacement		237,000	-	-	-	-	-
School Crossing / Intersection Safety		43,000	-	-	-	-	-
		-	-	-	-	-	-
Capital Improvement Program (CIP)							
Restricted (1 - 5 Cents RV Funding)							
Willow Run Blvd. Widening		-	200,000	-	-	-	-
WB Dunlawton Ave. Right Turn Lane and City Center Cir.		2,000	76,000	-	-	-	-
EB Dunlawton Ave. Right Turn Lane at Clyde Morris Blvd.		8,000	87,000	-	-	-	-
WB Dunlawton Ave. Right Turn Lane at Nova Rd.		-	11,000	87,000	-	-	-
EB Herbert St. Left Turn Lane at Nova Rd.		-	10,000	120,000	-	-	-
Road Resurfacing and Reconstruction		800,000	800,000	800,000	800,000	800,000	800,000
Total Expenditures:	**3,751,867**	**1,587,665**	**1,697,309**	**1,535,798**	**1,323,122**	**1,311,247**	**1,310,492**
Increase / (Decrease) per Fiscal Year:	(2,619,659)	(472,087)	(581,731)	(420,220)	(207,544)	(195,669)	(194,914)
Beginning Available Funds (Cash Reserves):	4,141,497	1,521,838	1,049,751	468,020	47,799	(159,745)	(355,414)
Ending Available Funds (Cash Reserves):	**1,521,838**	**1,049,751**	**468,020**	**47,799**	**(159,745)**	**(355,414)**	**(550,328)**
Available Funds End of Year - Unrestricted:	214,479	147,064	344,005	525,457	712,584	911,587	1,111,345
Available Funds End of Year - Restricted:	1,307,359	902,687	124,015	(477,657)	(872,329)	(1,267,001)	(1,661,673)
Total Available Funds End of Year:	**1,521,838**	**1,049,751**	**468,020**	**47,799**	**(159,745)**	**(355,414)**	**(550,328)**

Revenue and Expense Projections by Fund

Capital Projects Fund 301 Continued

		Committed FY18 Capital Projects as of 05/31/18				
PROJECT DESC	**PROJ #**	**BUDGET**	**EXPENSES**	**ENCUMBERED**	**BALANCE**	**% BUDGET EXPENDED**
CD DnlwtnStreetLightImprv	AIO016	410,994.00	5,860.75	8,853.25	396,280.00	3.58%
P Asset Mgmt Software Sys	DIP064	9,301.00	2,750.00	5,900.66	650.34	93.01%
P SIGNAGE	IMI001	63,185.00	6,448.98	2,175.25	54,560.77	3.73%
P STREET STRIPING	IMI002	154,467.00	11,195.98	88,804.02	54,467.00	0.00%
P EMG TRAFFIC CONTROL SYS	IMI003	26,072.00	-	-	26,072.00	0.00%
P GUARDRAIL REPAIRS	IMI006	11,400.00	-	-	11,400.00	
P GUARDRAIL REPAIRS	IMI006	127,100.00	15,250.00	-	111,850.00	0.00%
CD Dunlwtn WB R TurnLane	IMI011	5,000.00	-	-	5,000.00	0.00%
P Message Boards	IMI013	35,001.00	34,896.20	-	104.80	99.70%
P OAK ST RR CROSSING	OMI001	50,000.00	-	-	50,000.00	0.00%
P OAK ST RR CROSSING	OMI001	1,800.00	1,800.00	-	-	100.00%
P CHARLES ST RR CROSSING	OMI002	50,000.00	-	-	50,000.00	0.00%
P CHARLES ST RR CROSSING	OMI002	1,800.00	1,800.00	-	-	100.00%
P SIDEWALK MAINTENANCE	OMI007	309,758.00	81,340.00	228,417.50	0.50	100.00%
P MISC NEW SIDEWALKS	OMI024	1,552.00	-	-	1,552.00	0.00%
P YORKTOWNE MDL SEGMENT	PNC007	725,000.00	-	-	725,000.00	0.00%
CD EB HerbSt Left TL Nova	PNC016	2,000.00	-	-	2,000.00	0.00%
CD MadelineAve Med/TurnLn	PNC017	2,000.00	-	-	2,000.00	0.00%
P Rd PavementInvCondAsmnt	POL040	14,948.00	8,102.50	6,735.00	110.50	99.26%
P FY16 Road Program	POL041	278,315.00	278,315.00	-	-	100.00%
P FY17 Road Program	POL042	547,033.00	462,353.16	40,355.44	44,324.40	91.90%
P FY18 Paving Program	POL043	800,000.00	7,392.00	-	792,608.00	0.00%
Total for Recreation Facilities 301 Fund:		**3,626,726.00**	**917,504.57**	**381,241.12**	**2,327,980.31**	**35.81%**

Revenue and Expense Projections by Fund

Fire Impact Fee Fund 311	FY18	FY19	FY20	FY21	FY22	FY23	FY24
Revenues							
Actual thru 05/31/2018	97,878						
Remainder of FY18	-						
Interest on Investments	-	500	500	500	500	500	500
Fire Impact Fees - Commercial		25,000	25,000	25,000	25,000	25,000	25,000
Fire Impact Fees - Residential		25,000	25,000	25,000	25,000	25,000	25,000
Total Revenues:	**97,878**	**50,500**	**50,500**	**50,500**	**50,500**	**50,500**	**50,500**
Expenditures							
Actual thru 05/31/2018	667						
Reminder of FY18 (includes $49,500 of Contingency)	49,833						
Encumbrances	-						
Admin Service Fees		1,000	1,000	1,000	1,000	1,000	1,000
Capital Improvement Program (CIP)							
Training Facility/Tower		75,000	403,000	-	-	-	-
Total Expenditures:	**50,500**	**76,000**	**404,000**	**1,000**	**1,000**	**1,000**	**1,000**
Increase / (Decrease) per Fiscal Year:	47,378	(25,500)	(353,500)	49,500	49,500	49,500	49,500
Beginning Available Funds (Cash Reserves):	575,262	622,640	597,140	243,640	293,140	342,640	392,140
Ending Available Funds (Cash Reserves):	**622,640**	**597,140**	**243,640**	**293,140**	**342,640**	**392,140**	**441,640**

Committed FY18 Fire Impact Fee Fund Projects as of 5/31/18

PROJECT DESC	PROJ #	BUDGET	EXPENSES	ENCUMBERED	BALANCE	% BUDGET EXPENDED
			-	-		-
Total for 311 Fire Impact Fee Fund:		**0.00**	**0.00**	**0.00**	**0.00**	**-**

Revenue and Expense Projections by Fund

Transportation Impact Fee Fund 312	FY18	FY19	FY20	FY21	FY22	FY23	FY24
Revenues							
Actual thru 05/31/2018	178,610						
Remainder of FY18	-						
FDOT LAP Agreements	658,523						
Transportation Impact Fees		140,000	140,000	140,000	140,000	140,000	140,000
Interest on Investments	-	5,000	5,000	5,000	5,000	5,000	5,000
Total Revenues:	**837,132**	**145,000**	**145,000**	**145,000**	**145,000**	**145,000**	**145,000**
Expenditures							
Actual thru 05/31/2018	183,144						
Remainder of FY18 (includes $46,216 of Contingency)	593,274						
Encumbrances	443,047						
Admin. Service Fees (2% of Impact Fee Revenue)		2,800	2,800	2,800	2,800	2,800	2,800
Capital Improvement Program (CIP)							
Willow Run Blvd. Sidewalk (South)		-	61,000	-	-	-	-
Madeline Avenue (East) Sidewalks		-	10,000	271,000	-	-	-
Madeline Avenue (West) Sidewalk		2,000	10,000	280,000	-	-	-
Taylor Rd./Williamson Blvd. Inter. Feasibility Study		1,000	-	-	-	-	-
Sidewalk Gap Project		8,000	153,000	-	-	-	-
Taylor Rd./Clyde Morris Blvd. Inter. Feasibility Study		2,000	5,000	80,000	-	-	-
Total Expenditures:	**1,219,464**	**15,800**	**241,800**	**633,800**	**2,800**	**2,800**	**2,800**
Increase / (Decrease) per Fiscal Year:	(382,332)	129,200	(96,800)	(488,800)	142,200	142,200	142,200
Beginning Available Funds (Cash Reserves):	2,097,842	1,715,510	1,844,710	1,747,910	1,259,110	1,401,310	1,543,510
Ending Available Funds (Cash Reserves):	**1,715,510**	**1,844,710**	**1,747,910**	**1,259,110**	**1,401,310**	**1,543,510**	**1,685,710**

		Committed FY18 Transp. Impact Fee Projects as of 05/31/18				
PROJECT DESC	**PROJ #**	**BUDGET**	**EXPENSES**	**ENCUMBERED**	**BALANCE**	**% BUDGET EXPENDED**
CD N SPR CRK RD SIDEWALK	OMI017	1,456.00	-	-	1,456.00	0.00%
CD N SPR CRK RD SIDEWALK	OMI017	93,639.00	4,858.62	353.07	88,427.31	5.57%
CD N SPR CRK RD SIDEWALK	OMI017	15,243.00	7,807.51	11,203.92	(3,768.43)	124.72%
CD VICTORIA GRD SIDEWALK	OMI018	69,778.00	13,418.59	36,226.25	20,133.16	71.15%
CD VICTORIA GRD SIDEWALK	OMI018	317,803.00	-	188,120.60	129,682.40	59.19%
CD MCDONALD RD SIDEWALK	OMI019	1,391.00	-	-	1,391.00	0.00%
CD MCDONALD RD SIDEWALK	OMI019	58,851.00	41,175.00	5,295.00	12,381.00	78.96%
CD MCDONALD RD SIDEWALK	OMI019	350,000.00	114,017.40	201,847.80	34,134.80	90.25%
P WILLOW RUN SIDEWALK SO	OMI023	1,500.00	-	-	1,500.00	0.00%
P WILLOW RUN SIDEWALK SO	OMI023	6,494.00	-	-	6,494.00	0.00%
P MISC NEW SIDEWALKS	OMI024	5,013.00	-	-	5,013.00	0.00%
CD MadelineAve E Sidewalk	OMI032	2,000.00	-	-	2,000.00	0.00%
CD Taylr/WillmsnFeasbStdy	OMI033	3,000.00	-	-	3,000.00	0.00%
P YORKTOWNE MDL SEGMENT	PNC007	238,280.00	-	-	238,280.00	0.00%
CD Yorktowne N. Segment	PNC015	6,000.00	-	-	6,000.00	0.00%
Total for 312 Transportation Impact Fee Fund:		**1,170,448.00**	**181,277.12**	**443,046.64**	**546,124.24**	**53.34%**

Revenue and Expense Projections by Fund

General Capital Fund 317	FY18	FY19	FY20	FY21	FY22	FY23	FY24
Revenues							
Actual thru 05/31/2018	935,638						
Reminder of FY18 FDOT JPA Ridgewood	1,259,280						
Reminder of FY18 FIND Causeway	450,000	-	-	-	-	-	-
Reminder of FY18 Grant from Local Units-Public Safety	800,000						
Reminder of FY18	390,953						
Interest on Investments	-	2,500	2,500	2,500	2,500	2,500	2,500
Transfer from General Fund 001	-	500,000	-	-	-	-	-
Total Revenues:	**3,835,871**	**502,500**	**2,500**	**2,500**	**2,500**	**2,500**	**2,500**
Expenditures							
Actual thru 05/31/2018	1,785,977						
Remainder of FY18	3,532,590						
Encumbrances	2,417,049						
Pending adjustment to balance fund							
Personnel Services		-	-	-	-	-	-
Operating Expenses		-	-	-	-	-	-
317 General Capital - Funded							
The REC Ctr. Remodel and Expansion - Design/Const.		510,000	-	-	-	-	-
Total Funded Requests:	**-**	**510,000**	**-**	**-**	**-**	**-**	**-**
317 General Capital - Prioritized Unfunded							
ADA Transition Plan		200,000	200,000	-	-	-	-
Lakeside Facility HVAC Replacement		335,000	-	-	-	-	-
Riverwalk Park South Phase - Constr.		-	1,500,000	-	-	-	-
Resurface Parking Lots at City Facilities A through B		155,000	39,000	39,000	-	23,000	-
Parks Maintenance Storage - Design		35,000	-	-	-	-	-
Parks Maintenance Storage		-	213,000	-	-	-	-
Work Shop		64,000	-	-	-	-	-
Gear Extractor and Dryers		44,000	-	-	-	-	-
Public Works Facility Paving		70,000	-	-	-	-	-
Fence, Dugout & Backstop Replacement		65,000	140,000	140,000	-	-	-
Playground Replacements		44,000	174,000	-	-	-	-
PW Administration Building Interior Renovation		328,000	-	-	-	-	-
Ball Field Lamp Replacement		332,000	239,000	193,000	-	-	-
Public Works Fence Replacement		50,000	-	-	-	-	-
City Hall Repurposing		275,000	-	-	-	-	-
City Hall Building HVAC		200,000	-	-	-	-	-
Beautification of I-95 Interchange		498,000	-	-	-	-	-
WB Dunlawton Ave. Right Turn Lane at Nova Rd.		260,000	-	-	-	-	-
Self Contained Breathing Apparatus Fill Station		-	-	-	45,000	-	-
Training Facility/Tower		-	522,000	-	-	-	-
Addition to FS 71		-	-	50,000	300,000	-	-
Conference Room Upgrades		21,000	-	-	-	-	-
Amphitheater Seating Replacement		-	-	89,000	20,000	165,000	-
Restroom/Concession Facility		-	-	213,000	-	-	-
City Center Complex Landscape Improvements		-	650,000	-	-	-	-
Total Unfunded Requests:	**7,735,616**	**2,976,000**	**3,677,000**	**724,000**	**365,000**	**188,000**	**-**
Increase / (Decrease) per Fiscal Year:	(3,899,745)	(7,500)	2,500	2,500	2,500	2,500	2,500
Beginning Available Funds (Cash Reserves):	3,935,812	36,067	28,567	31,067	33,567	36,067	38,567
Ending Available Funds (Cash Reserves):	**36,067**	**28,567**	**31,067**	**33,567**	**36,067**	**38,567**	**41,067**

Revenue and Expense Projections by Fund

Capital Projects Fund 317 Continued

PROJECT DESC	PROJ #	BUDGET	EXPENSES	ENCUMBERED	BALANCE	% BUDGET EXPENDED
		Committed FY18 General Capital Projects as of 05/31/18				
CD RIVERWALK PROJECT	AIO004	93,604.00	93,603.58	-	0.42	0.00%
R City Hall Annex	AIO014	2,151,068.00	529,945.29	1,606,287.48	14,835.23	78.78%
CD Dnlwtn Medians Ph I&II	AIO022	256,526.00	-	5,301.30	251,224.70	91.95%
CD Dnlwtn Medians Ph I&II	AIO022	850,000.00	-	-	850,000.00	2.07%
CD S.RidgewoodAve Irrgtn	AIO026	22,461.00	15,741.80	6,718.60	0.60	0.00%
CD S.RidgewoodAveLandscpe	AIO027	112,672.00	75,021.06	37,649.14	1.80	
CD S.RidgewoodAveLandscpe	AIO027	409,280.00	181,166.65	11,367.35	216,746.00	
CD Landscape Imprv I-95	AIO032	63,704.00	-	-	63,704.00	
CD Riverwalk South Phase	AIO034	100,000.00	-	-	100,000.00	
LE Evidence Rm A/C Mitgtn	CIP011	213,200.00	10,659.40	2,402.00	200,138.60	100.00%
LE Chillers at PoliceDept	CIP012	192,811.00	-	192,811.00	-	96.45%
LE PUB SAFETY TRAIN FACIL	CNE009	800,000.00	-	-	800,000.00	47.04%
F Fitness Room Equipment	FIR020	20,000.00	8,998.00	10,689.00	313.00	0.00%
P CityHallHVAC ContrlrRpl	OBM008	220,000.00	23,582.80	12,484.20	183,933.00	26.97%
P Ext Repairs PW Facility	OBM012	150,000.00	12,760.00	20,551.80	116,688.20	0.00%
P Pave CityCtrAthlComplex	POL045	71,000.00	-	-	71,000.00	44.99%
R Coraci Athl Compl PHIV	QPC061	-	789.21	-	(789.21)	13.21%
R Causeway Dock Refurbish	QPC062	950,136.00	511,751.21	403,877.73	34,507.06	10.74%
R Causeway Dock Refurbish	QPC062	250,000.00	228,725.63	21,274.37	-	0.00%
R Fence,Dugout,Bkstp Rplc	QPC067	60,000.00	-	-	60,000.00	0.00%
R Lakeside HVAC Rplcmnt	QPC073	48,524.00	6,384.70	-	42,139.30	91.78%
R Playground Replacements	QPC074	88,559.00	81,780.24	-	6,778.76	0.00%
R Gym Floor Replacement	QPC079	96,400.00	1,989.99	71,379.00	23,031.01	13.16%
R North Pier-CausewayDock	QPC081	200,000.00	-	-	200,000.00	92.35%
R North Pier-CausewayDock	QPC081	200,000.00	-	-	200,000.00	0.00%
R Gym/Comm Ctr Reno.	QPC082	6,600.00	-	-	6,600.00	0.00%
CM CITY TELEVISION STA	ZMI003	3,079.00	3,077.50	-	1.50	99.95%
CD City Hall Repurposing	ZMI065	28,625.00	-	1,375.00	27,250.00	0.00%
IT City Hall DataCntrReno	ZMI066	17,328.00	-	12,881.00	4,447.00	0.00%
Total for 317 General Capital Fund:		**7,675,577.00**	**1,785,977.06**	**2,417,048.97**	**3,472,550.97**	**54.76%**

Revenue and Expense Projections by Fund

Water & Sewer R & R Fund 403	FY18	FY19	FY20	FY21	FY22	FY23	FY24
Revenues							
Actual thru 05/31/2018	1,693,936						
Remainder of FY18	833,333						
Grants							
Interest on Investments		5,000	5,000	5,000	5,000	5,000	5,000
Transfer from Water/Sewer Revenue	-	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000
Total Revenues:	**2,527,269**	**2,505,000**	**2,505,000**	**2,505,000**	**2,505,000**	**2,505,000**	**2,505,000**
Expenditures							
Actual thru 05/31/2018	581,858						
Remainder of FY18	4,688,137						
Remainder of FY18 - Contingency	170,253						
Encumbrances	1,358,670						
Operating Expenses - Fleet Transfers		319,194	314,250	260,477	237,691	249,705	250,540
		-	-	-	-	-	-
Capital Improvement Program (CIP)							
Production Well Replacement		-	250,000	250,000	250,000	250,000	-
Water System Replacements		-	300,000	50,000	200,000	200,000	300,000
Telemetry Instrument / Control System A through B		60,000	60,000	60,000	60,000	60,000	60,000
WRF - R&R A through C		150,000	885,000	900,000	925,000	950,000	500,000
WRF - Electric System Repair/Replacement		500,000	-	-	-	-	-
WRF - Operations Building Expansion		-	100,000	-	-	-	-
Generator Replacements		100,000	1,000,000	100,000	1,000,000	100,000	200,000
WTP - R & R - Equipment A through B		200,000	225,000	225,000	445,000	275,000	300,000
WTP - Raw Water Main Replacement		300,000	3,000,000	-	-	-	-
Replace Existing Lift Stations		200,000	200,000	200,000	360,000	360,000	360,000
Sewer System Rehab - Force Main River Crossing		300,000	-	-	-	-	-
Taylor Road Improvements		-	-	-	800,000	-	-
Total Expenditures:	**6,798,919**	**2,129,194**	**6,334,250**	**2,045,477**	**4,277,691**	**2,444,705**	**1,970,540**
Increase / (Decrease) per Fiscal Year:	(4,271,650)	375,806	(3,829,250)	459,523	(1,772,691)	60,295	534,460
Beginning Available Funds (Cash Reserves):	4,268,584	(3,066)	372,740	(3,456,510)	(2,996,987)	(4,769,678)	(4,709,383)
Ending Available Funds (Cash Reserves):	**(3,066)**	**372,740**	**(3,456,510)**	**(2,996,987)**	**(4,769,678)**	**(4,709,383)**	**(4,174,923)**

Committed FY18 W/S R&R Fund Projects as of 05/31/18

PROJECT DESC	PROJ #	BUDGET	EXPENSES	ENCUMBERED	BALANCE	% BUDGET EXPENDED
CD RIVERWALK PROJECT	AIO004	43,119.00	43,116.89	-	2.11	100.00%
U Telemetry I & C	MME003	55,689.00	-	3,013.20	52,675.80	5.41%
U Telemetry I & C	MME003	394,874.00	113,567.83	26,588.77	254,717.40	35.49%
U Utilities Master Plan	MPL001	750,000.00	-	-	750,000.00	0.00%
U R & R Lift Station	SLS002	540,000.00	4,968.00	87,200.00	447,832.00	
U Sewer Plant Replacement	SSP002	1,457,312.00	125,451.86	180,629.67	1,151,230.47	21.00%
U WWTP InflntStrctreByps	SSP011	228,120.00	9,060.00	-	219,060.00	3.97%
U WRF ElecSysRpr/Rplcmnt	SSP012	575,000.00	-	-	575,000.00	0.00%
U Replacement, WA System	URP001	1,093,271.00	38,168.10	30,268.76	1,024,834.14	6.26%
U RplcWtrMainBeforePaving	URP011	51,387.00	-	-	51,387.00	0.00%
U Water Plant Improvement	WWP003	1,136,882.00	47,694.19	1,030,970.00	58,217.81	94.88%
U WW Repairs/Maint	WWW002	3,265.00	-	-	3,265.00	0.00%
Total for 403 W/S R&R Fund:		**6,328,919.00**	**382,026.87**	**1,358,670.40**	**4,588,221.73**	**27.50%**

*Note: FY18 appropriation will be reduced by $60,000 in June of 2018.

Revenue and Expense Projections by Fund

Water & Sewer Impact Fee Fund 405	FY18	FY19	FY20	FY21	FY22	FY23	FY24
Revenues							
Actual thru 05/31/2018	1,226,745						
Remainder of FY18	-						
Grant Reimbursements							
Water Impact Fees - Residential		150,000	150,000	150,000	150,000	150,000	150,000
Water Impact Fees - Commercial		150,000	150,000	150,000	150,000	150,000	150,000
Sewer Impact Fees - Residential		150,000	150,000	150,000	150,000	150,000	150,000
Sewer Impact Fees - Commercial		150,000	150,000	150,000	150,000	150,000	150,000
Interest on Investments		1,000	1,000	1,000	1,000	1,000	1,000
Total Revenues:	**1,226,745**	**601,000**	**601,000**	**601,000**	**601,000**	**601,000**	**601,000**
Expenditures							
Actual thru 05/31/2018	39,661						
Remainder of FY18	2,990,929						
Encumbrances	-						
Admin. Service Fees (2% of Impact Fee Revenue)		12,000	12,000	12,000	12,000	12,000	12,000
Debt Service		-	-	-	-	-	-
Capital Improvement Program (CIP)							
Water							
Water System Replacements		550,000	250,000	150,000	-	-	-
Water System Extensions / Upsizing A through B		50,000	-	50,000	450,000	50,000	50,000
City Cost Participation Project		50,000	50,000	50,000	50,000	50,000	50,000
WTP - 3 Million Gal Water Storage Tank		300,000	-	2,000,000	-	-	-
Taylor Road Improvements		-	-	-	400,000	-	-
Sewer							
City Cost Participation Project		50,000	50,000	50,000	50,000	50,000	50,000
WRF - Nutrient Removal Process Improvements		-	500,000	3,000,000	-	-	-
WRF - Water Reuse Program		300,000	-	2,000,000	-	-	-
Sewer System Rehab - Force Main River Crossing		-	1,000,000	-	-	-	-
Field Operations - Sewer System Expansion		300,000	2,200,000	2,000,000	2,000,000	-	-
Taylor Road Improvements		-	-	-	400,000	-	-
Total Expenditures:	**3,030,590**	**1,612,000**	**4,062,000**	**9,312,000**	**3,362,000**	**162,000**	**162,000**
Increase / (Decrease) per Fiscal Year:	(1,803,845)	(1,011,000)	(3,461,000)	(8,711,000)	(2,761,000)	439,000	439,000
Beginning Available Funds (Cash Reserves):	4,210,557	2,406,712	1,395,712	(2,065,288)	(10,776,288)	(13,537,288)	(13,098,288)
Ending Available Funds (Cash Reserves):	**2,406,712**	**1,395,712**	**(2,065,288)**	**(10,776,288)**	**(13,537,288)**	**(13,098,288)**	**(12,659,288)**

Committed FY18 W/S Impact Fee Fund Projects as of 05/31/18

PROJECT DESC	PROJ #	BUDGET	EXPENSES	ENCUMBERED	BALANCE	% BUDGET EXPENDED
CD RIVERWALK PROJECT	AIO004	1,405.00	1,406.49	-	(1.49)	100.11%
U Utilities Master Plan	MPL001	125,000.00	-	-	125,000.00	0.00%
U Utilities Master Plan	MPL001	125,000.00	-	-	125,000.00	0.00%
U Sewer Plant Replacement	SSP002	8,145.00	-	-	8,145.00	0.00%
U Cost Participation	UCP001	172,608.00	-	-	172,608.00	0.00%
U Cost Participation	UCP001	160,422.00	-	-	160,422.00	0.00%
U Extension, Water System	UET001	145,742.00	-	-	145,742.00	0.00%
U Extension, Sewer System	UET002	4,328.00	-	-	4,328.00	0.00%
U White Acres Improvement	UET022	822,711.00	-	-	822,711.00	0.00%
U Septic to Sewer	UET023	521,689.00	30,255.00	-	491,434.00	5.80%
U Replacement, WA System	URP001	158,552.00	-	-	158,552.00	0.00%
U Replacement, WA System	URP001	772,988.00	-	-	772,988.00	0.00%
Total for 405 W/S Impact Fee Fund:		**3,018,590.00**	**31,661.49**	**-**	**2,986,928.51**	**1.05%**

Revenue and Expense Projections by Fund

Drainage Construction Operating Fund 412	FY18	FY19	FY20	FY21	FY22	FY23	FY24
Revenues							
Actual thru 05/31/2018	4,309,643						
Remainder of FY18 - Drainage Fees	235,545						
Remainder of FY18 - Grants	1,228,517						
Remainder of FY18 - Interest	-						
Drainage Fees		4,527,957	4,527,957	4,527,957	4,527,957	4,527,957	4,527,957
Interest on Investments		26,700	26,700	26,700	26,700	26,700	26,700
Total Revenues:	**5,773,706**	**4,554,657**	**4,554,657**	**4,554,657**	**4,554,657**	**4,554,657**	**4,554,657**
Expenditures							
Actual thru 05/31/2018	2,901,947						
Remainder of FY18 - Personnel	506,714						
Remainder of FY18 - Operating	502,090						
Remainder of FY18 - Capital	2,311,533						
Remainder of FY18 - Debt Srvc	492,150						
Remainder of FY18 - Contingency	94,991						
Remainder of FY18 - Transf. for Admin Share & In-lieu	92,745						
Remainder of FY18 - Encumbrances	474,904						
Personnel Expense		920,587	920,587	920,587	920,587	920,587	920,587
Operating Expense		1,239,508	1,239,508	1,239,508	1,239,508	1,239,508	1,239,508
Debt Service		1,482,215	810,022	810,022	702,354	702,354	702,354
Transfers for Admin Share & In-lieu		278,235	278,235	278,235	278,235	278,235	278,235
New Capital Projects Operational Impact		31,500	1,000	2,000	2,000	2,000	2,000
Capital Improvement Program (CIP)							
Virginia Ave. and Monroe St. Drainage Basin		383,000	-	-	-	-	-
Howes Street Stormwater Improvements		-	724,000	-	-	-	-
Halifax River Outfall Replacement		-	471,000	471,000	471,000	300,000	-
Tumblebrook Drive Stormwater Improvements		186,000	-	-	-	-	-
Pipe Replacement		320,000	370,000	420,000	470,000	520,000	570,000
City Center Shoreline Stabilization		-	341,000	-	-	-	-
Southwinds Stormwater Outfall Retrofit (Ph I) Design		-	-	45,000	-	-	-
Charles Street Drainage Improvements		110,000	-	730,000	-	-	-
Viking Drive Stormwater Improvements		-	-	-	30,000	-	-
Pond Dredging		-	75,000	75,000	80,000	80,000	85,000
Total Expenditures:	**7,377,074**	**4,951,045**	**5,230,352**	**4,991,352**	**4,193,684**	**4,042,684**	**3,797,684**
Increase / (Decrease) per Fiscal Year:	(1,603,368)	(396,388)	(675,695)	(436,695)	360,973	511,974	756,973
Beginning Available Funds (Cash Reserves):	3,693,896	2,090,528	1,694,140	1,018,445	581,750	942,724	1,454,697
Ending Available Funds (Cash Reserves):	**2,090,528**	**1,694,140**	**1,018,445**	**581,750**	**942,724**	**1,454,697**	**2,211,670**
Reserve Requirement:	**540,024**	**540,024**	**540,024**	**540,024**	**540,024**	**540,024**	**540,024**
Ending Net Available for Capital:	**1,550,505**	**1,154,116**	**478,422**	**41,727**	**402,700**	**914,673**	**1,671,647**
412 Drainage - Unfunded Project Requests							
White Place & Riverside Drainage Improvements		109,000	-	-	-	-	-
Southwinds Stormwater Outfall Retrofit (Ph I) Design		-	-	-	681,000	-	-
Southwinds Stormwater Outfall Retrofit (Ph II)		-	-	-	681,000	-	-
Powers Avenue at Lemon Street Drainage Improvements		-	-	175,000	-	-	-
Storm Water Master Plan Phase II		-	-	380,000	-	-	-
Total 412 Projects - Unfunded:		**109,000**	**-**	**555,000**	**1,362,000**	**-**	**-**

Revenue and Expense Projections by Fund

		Committed FY18 Drainage Projects as of 5/31/18				
PROJECT DESC	PROJ #	BUDGET	EXPENSES	ENCUMBERED	BALANCE	% BUDGET EXPENDED
P StormwaterMasterPlanPh1	DIP055	144,849.00	64,213.40	80,635.00	0.60	100.00%
P Cambridge Stablztn PhII	DIP056	480,944.00	379,377.20	496.73	101,070.07	78.99%
P Virginia/MonroeDrainIm	DIP059	305,264.00	-	-	305,264.00	0.00%
P Virginia/MonroeDrainIm	DIP059	750,000.00	-	-	750,000.00	0.00%
P SleepyHollow Drain.Impr	DIP060	104,115.00	28,936.00	44,404.00	30,775.00	70.44%
P Pipe Culvert Niver etc.	DIP066	80,921.00	77,214.53	-	3,706.47	95.42%
P InvCondAssessSrvyDrain	DIP067	245,265.00	-	199,339.60	45,925.40	81.28%
P Halifax Rvr OutfallRplc	DIP068	60,000.00	-	-	60,000.00	0.00%
P Howes St StrmwtrImprvmn	DIP069	41,076.00	31,847.35	11,408.95	(2,180.30)	
P StrmwtrUtilMethRateAssm	DIP071	60,000.00	-	49,885.00	10,115.00	83.14%
P Yorktowne Sidewalk Impr	DIP072	120,000.00	-	-	120,000.00	0.00%
P Strmwtr Mstr Plan PhII	DIP073	38,371.00	-	-	38,371.00	0.00%
P Drainage R&R Projects	DIP075	14,021.00	-	-	14,021.00	0.00%
P Drainage R&R Projects	DIP075	124,061.00	27,180.00	-	96,881.00	21.91%
P YORKTOWNE MDL SEGMENT	PNC007	761,720.00	-	-	761,720.00	0.00%
CM EMERGENCY - IRMA 2017	ZEM017	-	3,181.72	-	(3,181.72)	-
CM EMERGENCY - IRMA 2017	ZEM017	-	1,123.79	-	(1,123.79)	
CM City Sponsored Event	ZMI071	-	5.11	-	(5.11)	-
CM City Sponsored Event	ZMI071	-	558.46	-	(558.46)	-
Total for 412 Drainage Construction Operating:		**3,330,607.00**	**613,637.56**	**386,169.28**	**2,330,800.16**	**30.02%**

Revenue and Expense Projections by Fund

Lease & Replacement Fund 505	FY18	FY19	FY20	FY21	FY22	FY23	FY24
Revenues							
Actual thru 05/31/2018	2,067,993						
Remainder of FY18	799,885						
Fleet Rentals		2,614,894	2,825,114	2,839,622	2,558,445	2,385,131	2,326,861
Interest on Investments		20,000	20,000	20,000	20,000	20,000	20,000
Miscellaneous Revenues		-	-	-	-	-	-
Transfer from General Fund	-	-	-	-	-	-	-
Total Revenues:	**2,867,878**	**2,634,894**	**2,845,114**	**2,859,622**	**2,578,445**	**2,405,131**	**2,346,861**
Expenditures							
Actual thru 05/31/2018	1,852,087						
Remainder of FY18	3,366,797						
Encumbrances	1,049,837						
Capital Improvement Program (CIP)							
Enterprise Resource Planning System		282,000	282,000	282,000	-	-	-
Thermal Imaging Camera Replacement Program		-	16,000	16,000	15,000	-	-
Extrication Equipment		-	-	-	-	40,000	-
Emergency Traffic Control		120,000	167,000	-	-	-	-
Radios		215,000	-	-	-	-	-
Veh. Rplcmnt. - Fire		900,000	420,000	135,000	-	85,000	751,000
City Municipal Network		40,000	30,000	30,000	30,000	30,000	30,000
Maintain Hardware Infrastructure		25,000	25,000	25,000	25,000	25,000	25,000
Public Safety Technology Refresh		30,000	30,000	30,000	30,000	30,000	30,000
Virtual Desktop Infrastructure		-	100,000	-	-	-	-
Fiber Optic Network Tracer Wire		40,000	-	-	-	-	-
Digital Signage		26,000	-	-	-	-	-
Veh. Rplcmnt. - Parks & Rec		133,000	8,000	46,000	26,000	126,000	132,000
Veh. Rplcmnt - Police		456,000	782,000	250,000	342,000	722,000	646,000
Veh. Rplcmnt - PD Community Improvement		-	-	-	-	22,000	-
Veh. Rplcmnt. - Water Prod		21,000	40,000	80,000	-	92,000	-
Veh. Rplcmnt. - Meter Readers		-	-	22,000	-	-	-
Veh. Rplcmnt. - Water Dist		40,000	172,000	80,000	66,000	466,000	-
Veh. Rplcmnt. - W/S Admin.		-	-	-	22,000	-	-
Veh. Rplc. - W/S Warehouse		-	-	-	-	30,000	-
Veh. Rplcmnt. - Pub Works		17,000	290,000	46,000	180,000	84,000	89,000
Veh. Rplcmnt. - Bldg Maint		-	-	-	-	-	-
Veh. Rplcmnt. - Veh Maint		-	45,000	-	-	-	-
Veh. Rplcmnt. - Stormwater		-	500,000	978,000	27,000	60,000	60,000
Equip. Rplc. - Cypress Head		107,000	53,000	65,000	74,000	44,000	21,000
Golf Cart Rplc. - Cypress Head		225,000	-	-	-	-	-
Total Expenditures:	**6,268,721**	**2,677,000**	**2,960,000**	**2,085,000**	**837,000**	**1,856,000**	**1,784,000**
Increase / (Decrease) per Fiscal Year:	(3,400,843)	(42,106)	(114,886)	774,622	1,741,445	549,131	562,861
Beginning Available Funds (Cash Reserves):	3,548,453	147,610	105,504	(9,382)	765,240	2,506,685	3,055,816
Ending Available Funds (Cash Reserves):	**147,610**	**105,504**	**(9,382)**	**765,240**	**2,506,685**	**3,055,816**	**3,618,677**
Vehicles - Subtotal		1,567,000	2,257,000	1,637,000	663,000	1,687,000	1,678,000
Equipment - Subtotal		778,000	650,000	383,000	100,000	125,000	85,000
Cypress Head - Subtotal		332,000	53,000	65,000	74,000	44,000	21,000
Total		**2,677,000**	**2,960,000**	**2,085,000**	**837,000**	**1,856,000**	**1,784,000**

Revenue and Expense Projections by Fund

Lease & Replacement Fund 505 Continued

Committed FY18 Lease & Replacement Projects as of 05/31/18

PROJECT DESC	PROJ #	BUDGET	EXPENSES	ENCUMBERED	BALANCE	% BUDGET EXPENDED
F 12 LEAD HEART MONITORS	FIR003	63,108.00	56,663.62	-	6,444.38	89.79%
F RADIO REPLC P-25 COMPLY	FIR007	6,823.00	-	-	6,823.00	0.00%
F Self Contned Brthng App	FIR013	9,375.00	6,374.40	2,964.09	36.51	99.61%
F Self Contned Brthng App	FIR013	10,231.00	7,950.00	-	2,281.00	77.71%
F Extrication Equipment	FIR014	41,085.00	25,456.40	-	15,628.60	61.96%
F Ambulance (Used)	FIR018	75,000.00	-	-	75,000.00	0.00%
F Radios - Rplc Portable	FIR021	12,000.00	-	-	12,000.00	0.00%
F Exhaust Extractors	FIR022	5,000.00	-	-	5,000.00	0.00%
IT LARGE FORMAT PRINTERS	ZMI013	6,000.00	-	-	6,000.00	0.00%
IT MUNICIPAL NETWORK	ZMI015	6,197.00	-	-	6,197.00	0.00%
IT MUNICIPAL NETWORK	ZMI015	62,248.00	-	-	62,248.00	0.00%
IT COMPUTER HARDWARE	ZMI016	13,254.00	8,742.00	3,748.00	764.00	
IT COMPUTER HARDWARE	ZMI016	23,322.00	-	-	23,322.00	
IT COMPUTER HARDWARE	ZMI016	23,054.00	-	-	23,054.00	0.00%
IT PublicSafetyLaptopRplc	ZMI032	31,871.00	24,900.00	-	6,971.00	78.13%
IT Doc Collbrtn EOC Softw	ZMI037	14,045.00	-	-	14,045.00	0.00%
IT Doc Collbrtn EOC Softw	ZMI037	19,502.00	-	-	19,502.00	0.00%
IT VideoSurveillance&Sec.	ZMI040	25,387.00	4,524.29	12,048.68	8,814.03	
IT VideoSurveillance&Sec.	ZMI040	9,853.00	8,367.87	-	1,485.13	
IT VideoSurveillance&Sec.	ZMI040	504.00	-	-	504.00	0.00%
FN INTERACTIVE VOICE RECO	ZMI047	95,900.00	-	-	95,900.00	0.00%
CM ERP Software System	ZMI054	2,182,301.00	53,757.02	-	2,128,543.98	2.46%
IT Virtual Desktop Infra	ZMI058	103,830.00	-	-	103,830.00	0.00%
LE Proj-25 Radio Rplcmnt	ZMI067	421,410.00	399,230.62	17,105.86	5,073.52	98.80%
IT CH Annex Tech Infrastr	ZMI069	140,570.00	210.00	139,440.65	919.35	99.35%
IT FibrOpticNetTracerWire	ZMI070	40,000.00	-	-	40,000.00	0.00%
Total for 505 Lease & Replacement Fund:		**3,441,870.00**	**596,176.22**	**175,307.28**	**2,670,386.50**	**22.41%**

Revenue and Expense Projections by Fund

Building Maintenance Fund 506	FY18	FY19	FY20	FY21	FY22	FY23	FY24
Revenues							
Actual thru 05/31/2018	1,471,095						
Remainder of FY18	733,310						
Transfers		2,519,998					
Interest on Investments		1,850					
Total Revenues:	**2,204,405**	**2,521,848**					
Expenditures							
Actual thru 05/31/2018	1,523,294						
Encumbrances	178,688						
Remaining FY18 - Personnel	152,721						
Remaining FY18 - Operating	429,787						
Remaining FY18 - Capital	130,880						
Remaining FY18 - Contingency	11,000						
Remaining FY18 - Transfer for Debt	207,842						
Personnel Services		476,581					
Operating Expenses		1,274,477					
Transfers for Debt - 2014 Cap Imprv Bonds		624,390					
Capital Outlay		6,400					
Capital Improvement Program (CIP)		-					
Standby Power Generator Rebuild / Replacement		100,000	100,000	100,000	100,000	100,000	100,000
Kitchen Replacement at FS71 & FS74		40,000	-	-	-	-	-
Total Expenditures:	**2,634,211**	**2,521,848**	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**
Increase / (Decrease) per Fiscal Year:	(429,807)	-	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)
Beginning Available Funds (Cash Reserves):	690,233	260,426	260,426	160,426	60,426	(39,574)	(139,574)
Ending Available Funds (Cash Reserves):	**260,426**	**260,426**	**160,426**	**60,426**	**(39,574)**	**(139,574)**	**(239,574)**

Committed FY18 Building Maintenance Fund Projects as of 5/31/18

PROJECT DESC	PROJ #	BUDGET	EXPENSES	ENCUMBERED	BALANCE	% BUDGET EXPENDED
P Asset Mgmt Software Sys	DIP064	94.00	-	93.75	0.25	99.73%
P City Hall Light Sensors	OBM009	37,000.00	-	-	37,000.00	0.00%
P Rplc Bay Doors FS73	OBM010	60,820.00	-	58,020.00	2,800.00	
P Generator for FS71	OBM011	55,120.00	55,120.00	-	-	
P Generator for FS73	OBM013	81,080.00	-	-	81,080.00	0.00%
CM City Sponsored Event	ZMI071	-	133.20	-	(133.20)	-
Total for 506 Building Maintenance Fund:		**234,114.00**	**55,253.20**	**58,113.75**	**120,747.05**	**48.42%**

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

PROJECT # 200526

General Project Information / **Comprehensive Plan Element Type**

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

Project Description and Justification

DESCRIPTION/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**

Potential Operating Impact

OPERATIONAL 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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Revenue and Expense Projections by Fund

Recreation Facilities Fund 106	FY18	FY19	FY20	FY21	FY22	FY23	FY24
Revenues							
Actual thru 05/31/2018	144,079						
Remainder of FY18	101,250						
Interest		3,000	3,000	3,000	3,000	3,000	3,000
YMCA Rental Revenue (New Contract)		218,738	223,608	228,262	232,700	237,354	242,116
Total Revenues:	**245,329**	**221,738**	**226,608**	**231,262**	**235,700**	**240,354**	**245,116**
Expenditures							
Actual thru 05/31/2018	13,853						
Remainder of FY18	234,224						
Encumbrances	-						
Operating Expenses		9,500	9,500	9,500	9,500	9,500	9,500
Transfer to General Fund 001		100,000	130,000	130,000	130,000	130,000	130,000
YMCA Capital Improvement Program (CIP)							
Exterior Repairs and Painting		37,000	-	-	-	-	-
Resurface Parking Lot - YMCA		80,000	-	-	-	-	-
		-	-	-	-	-	-
Total Expenditures:	**248,077**	**226,500**	**139,500**	**139,500**	**139,500**	**139,500**	**139,500**
Increase / (Decrease) per Fiscal Year:	(2,748)	(4,762)	87,108	91,762	96,200	100,854	105,616
Beginning Available Funds (Cash Reserves)*:	131,094	128,346	123,584	210,692	302,455	398,655	499,508
Ending Available Funds (Cash Reserves):	**128,346**	**123,584**	**210,692**	**302,455**	**398,655**	**499,508**	**605,125**

Committed FY18 Recreation Facilities Projects as of 05/31/18

PROJECT DESC	PROJ #	BUDGET	EXPENSES	ENCUMBERED	BALANCE	% BUDGET EXPENDED
R YMCA REPAIRS	QPC020	6,044.00	-	-	6,044.00	0.00%
R YMCA AC REPLACEMENTS	QPC049	18,680.00	-	-	18,680.00	0.00%
R YMCA Pool Resurfacing	QPC077	135,000.00	-	-	135,000.00	0.00%
R YMCA Ext Rprs&Painting	QPC078	70,000.00	-	-	70,000.00	0.00%
Total for Recreation Facilities 106 Fund:		**229,724.00**	**-**	**-**	**229,724.00**	**0.00%**

*Note: The Beginning Available Funds (Cash Reserves) includes YMCA funds only.

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201821
qpc078

Project Name:	Exterior Repairs and Painting	**Project Manager:**	Susan Lovallo
Department:	YMCA	**Original Plan Date:**	02/22/17
Location:	Port Orange Family YMCA	**Concurrency Requirement:**	

Goal / Objective: Goal 2 Objective 4 **Priority I**: **IMPERATIVE** (*Must do*)

DESCRIPTION / JUSTIFICATION:

The facility manager has inspected the building and noted step cracks. The YMCA has water leaking into the building along the wall by the racquetball courts. We received an estimate for the wall repairs. To properly repair the walls using a "Dryvit System" the preliminary costs is $15.00 per square feet which includes installing the "system" to the south and east walls. This figure includes new, supplementary flashing(s) to the existing flashing at the top of the wall. There is approximately 4,235 square feet of wall surfaces. Based on $15.00 per square foot, the approximate cost to install a "system" is $63,525.00. The estimate provided by the facility manger to paint the exterior of the building is $33,849. This project can be phased with the wall being repaired in FY18 and the painting in FY19. Staff is recommending a 10% added for unforeseen conditions since this is a remodel project.

Year	Project Phase	Cost	10% Unforesee	Total Cost
FY18	Install Dryvit System	63,525	6,353	69,878
FY19	Paint Exterior of Building	33,849	3,385	37,234
	Total	**97,374**	**9,737**	**107,111**

Note: This is Project **QPC078** and currently has a budget of $70,000 funded from Recreation Facilities Fund 106.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Engineering & Planning	-	-	-	-	-	-	-	-
Construction	70,000	37,111	-	-	-	-	-	107,111
Equipment	-	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**70,000**	**37,111**	**-**	**-**	**-**	**-**	**-**	**107,111**

SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Recreation Facilities Fund 106	70,000	37,111	-	-	-	-	-	107,111
Unfund ed	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**70,000**	**37,111**	**-**	**-**	**-**	**-**	**-**	**107,111**

OPERATIONAL IMPACT

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

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Recreation Facilities Fund 106	-	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 430102C

PROJECT NAME	Resurface Parking Lot at YMCA	**Project Manager:**	Dixon/Lovallo
DEPARTMENT	Public Works	**Original Plan Date:**	February 28, 2000
LOCATION	YMCA	**Concurrency Requirement:**	N/A
Goal / Objective:	Goal 2 Objective 2	**Priority II:**	**ESSENTIAL** *(Should-Do)*

DESCRIPTION/JUSTIFICATION:

Parking Lot	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
YMCA**	-	70,983	-	-	-	-	-	70,983
Totals:	**-**	**70,983**	**-**	**-**	**-**	**-**	**-**	**70,983**
Additional Striping Allowance:	-	8,772	-	-	-			8,772
	-	**79,755**	**-**	**-**	**-**	**-**	**-**	**79,755**

**With the new lease with the YMCA the YMCA R&R Fund is more appropriate fund to fund this project.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	-	-	-	-	-		-
Land	-	-	-	-	-	-		-
Construction	-	70,983	-	-	-	-		70,983
Striping / Retro-Reflective Markers	-	8,772	-	-	-	-		8,772
TOTAL PROJECT COSTS	**-**	**79,755**	**-**	**-**	**-**	**-**		**79,755**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Capital Projects Fund 301 - (not eligible)	-	-	-	-	-	-	-	-
YMCA R&R Fund 106	-	79,755	-	-	-	-	-	79,755
General Capital Fund 317 - Funded	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**-**	**79,755**	**-**	**-**	**-**	**-**		**79,755**

OPERATIONAL IMPACT

None - work to be performed by contractors.

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Fund - (001)	**-**	**-**	-	-	-	-	-	-
	-	**-**	**-**	**-**	**-**	**-**		-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

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Revenue and Expense Projections by Fund

Capital Projects Fund 301	FY18	FY19	FY20	FY21	FY22	FY23	FY24
Revenues							
Actual 1-6 Cents Unrestricted Gas Tax RV thru 05/31/2018	368,739						
Actual 1-5 Cents Restricted Gas Tax RV thru 05/31/2018	272,351						
Actual 1-5 Cents Restricted Misc RV thru 05/31/2018							
Actual 1-6 Cents Unrestricted Interest thru 05/31/2018	23,629						
Actual LAP RV thru 05/31/2018	-						
Remaining FY18 1-6 Cents Unrestricted Gas Tax RV	334,511						
Remaining FY18 1-5 Cents Restricted Gas Tax RV	132,977						
Remaining FY18 1-6 Cents Unrestricted Interest							
Gas Tax 1 - 6 cents (New Constr, Expansion, Operations or Paving) Unrestricted		703,250	703,250	703,250	703,250	703,250	703,250
Gas Tax 1 - 5 cents (New Constr. or Expansion Only) Restricted		405,328	405,328	405,328	405,328	405,328	405,328
Interest on Investments - Unrestricted		7,000	7,000	7,000	7,000	7,000	7,000
Total Revenues:	**1,132,207**	**1,115,578**	**1,115,578**	**1,115,578**	**1,115,578**	**1,115,578**	**1,115,578**
Expenditures							
Actual 1-6 Cents Unrestricted Gas Tax XP thru 05/31/2018	244,837						
Actual 1-5 Cents Restricted Gas Tax XP thru 05/31/2018	748,060						
Remaining 1-6 Cents Unrestricted Gas Tax XP	806,796						
Remaining 1-5 Cents Restricted Gas Tax XP	1,570,932						
Encumbrances							
Remainder of FY18 - 1 - 6 Cents (New, Expansion, Paving, Ops.) Unrestricted	340,886						
Remainder of FY18 - 1 - 5 Cents (New or Expansion Only) Restricted	40,355						
Contingency							
Remainder of FY18 - 1 - 5 Cents (New or Expansion Only) Restricted	-						
Remainder of FY18 - 1 - 6 Cents (New, Expansion, Paving, Ops.) Unrestricted							
Operating Expenses (1 - 6 Cents or Misc. RV Funding) Unrestricted - Fleet Financing		122,315	137,959	153,448	147,772	135,897	135,142
Operating Expenses (1 - 6 Cents or Misc. RV Funding) Unrestricted - RR Annual Maint, Striping, Signage, Sidewalk Repair		375,350	375,350	375,350	375,350	375,350	375,350
Capital Improvement Program (CIP)							
Unrestricted (1 - 6 Cents or Misc. RV Funding)							
Curb & Guard Rail Replacement		237,000	-	-	-	-	-
School Crossing / Intersection Safety		43,000	-	-	-	-	-
		-	-	-	-	-	-
Capital Improvement Program (CIP)							
Restricted (1 - 5 Cents RV Funding)							
Willow Run Blvd. Widening		-	200,000	-	-	-	-
WB Dunlawton Ave. Right Turn Lane and City Center Cir.		2,000	76,000	-	-	-	-
EB Dunlawton Ave. Right Turn Lane at Clyde Morris Blvd.		8,000	87,000	-	-	-	-
WB Dunlawton Ave. Right Turn Lane at Nova Rd.		-	11,000	87,000	-	-	-
EB Herbert St. Left Turn Lane at Nova Rd.		-	10,000	120,000	-	-	-
Road Resurfacing and Reconstruction		800,000	800,000	800,000	800,000	800,000	800,000
Total Expenditures:	**3,751,867**	**1,587,665**	**1,697,309**	**1,535,798**	**1,323,122**	**1,311,247**	**1,310,492**
Increase / (Decrease) per Fiscal Year:	(2,619,659)	(472,087)	(581,731)	(420,220)	(207,544)	(195,669)	(194,914)
Beginning Available Funds (Cash Reserves):	4,141,497	1,521,838	1,049,751	468,020	47,799	(159,745)	(355,414)
Ending Available Funds (Cash Reserves):	**1,521,838**	**1,049,751**	**468,020**	**47,799**	**(159,745)**	**(355,414)**	**(550,328)**
Available Funds End of Year - Unrestricted:	214,479	147,064	344,005	525,457	712,584	911,587	1,111,345
Available Funds End of Year - Restricted:	1,307,359	902,687	124,015	(477,657)	(872,329)	(1,267,001)	(1,661,673)
Total Available Funds End of Year:	**1,521,838**	**1,049,751**	**468,020**	**47,799**	**(159,745)**	**(355,414)**	**(550,328)**

Revenue and Expense Projections by Fund

Capital Projects Fund 301 Continued

PROJECT DESC	PROJ #	BUDGET	EXPENSES	ENCUMBERED	BALANCE	% BUDGET EXPENDED
		Committed FY18 Capital Projects as of 05/31/18				
CD DnlwtnStreetLightImprv	AIO016	410,994.00	5,860.75	8,853.25	396,280.00	3.58%
P Asset Mgmt Software Sys	DIP064	9,301.00	2,750.00	5,900.66	650.34	93.01%
P SIGNAGE	IMI001	63,185.00	6,448.98	2,175.25	54,560.77	3.73%
P STREET STRIPING	IMI002	154,467.00	11,195.98	88,804.02	54,467.00	0.00%
P EMG TRAFFIC CONTROL SYS	IMI003	26,072.00	-	-	26,072.00	0.00%
P GUARDRAIL REPAIRS	IMI006	11,400.00	-	-	11,400.00	
P GUARDRAIL REPAIRS	IMI006	127,100.00	15,250.00	-	111,850.00	0.00%
CD Dunlwtn WB R TurnLane	IMI011	5,000.00	-	-	5,000.00	0.00%
P Message Boards	IMI013	35,001.00	34,896.20	-	104.80	99.70%
P OAK ST RR CROSSING	OMI001	50,000.00	-	-	50,000.00	0.00%
P OAK ST RR CROSSING	OMI001	1,800.00	1,800.00	-	-	100.00%
P CHARLES ST RR CROSSING	OMI002	50,000.00	-	-	50,000.00	0.00%
P CHARLES ST RR CROSSING	OMI002	1,800.00	1,800.00	-	-	100.00%
P SIDEWALK MAINTENANCE	OMI007	309,758.00	81,340.00	228,417.50	0.50	100.00%
P MISC NEW SIDEWALKS	OMI024	1,552.00	-	-	1,552.00	0.00%
P YORKTOWNE MDL SEGMENT	PNC007	725,000.00	-	-	725,000.00	0.00%
CD EB HerbSt Left TL Nova	PNC016	2,000.00	-	-	2,000.00	0.00%
CD MadelineAve Med/TurnLn	PNC017	2,000.00	-	-	2,000.00	0.00%
P Rd PavementInvCondAsmnt	POL040	14,948.00	8,102.50	6,735.00	110.50	99.26%
P FY16 Road Program	POL041	278,315.00	278,315.00	-	-	100.00%
P FY17 Road Program	POL042	547,033.00	462,353.16	40,355.44	44,324.40	91.90%
P FY18 Paving Program	POL043	800,000.00	7,392.00	-	792,608.00	0.00%
Total for Recreation Facilities 301 Fund:		**3,626,726.00**	**917,504.57**	**381,241.12**	**2,327,980.31**	**35.81%**

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 3 Objective 5	**Priority II**:	ESSENTIAL (Should-Do)

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.

The City will submit an application to the TPO for funds to construct this project once the City receives right-of-way for the north Yorktowne Boulevard segment.
The City will fund 10% of this project and the TPO will fund 90%. Once the design is completed, the project will be eligible for inclusion in the TPO's Project Priority List for construction and CEI funding and the cost estimates will be updated.

Component	Total Cost	City %	Total City $	TPO $
Feasibility Study	$ -	10%	-	-
Eng. & Plan:	200,000	100%	200,000	-
Construction:	1,000,000	100%	-	1,000,000
CEI*:	125,000	100%	-	125,000
Total Proj. Cost:	**$ 1,325,000**		**$ 200,000**	**$ 1,125,000**

**CEI - Construction Engineering and Inspection (CEI) services are required by FDOT for contract administration, inspection, federal compliance oversight, and materials sampling and testing for the construction project.

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:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Feasibility Study	-	-	-	-	-	-	-	-
Engineering & Planning	-	-	200,000	-	-	-	-	200,000
CEI	-	-	-	125,000	-	-	-	125,000
Construction	-	-	-	1,000,000	-	-	-	1,000,000
TOTAL PROJECT COSTS	**-**	**-**	**200,000**	**1,125,000**	**-**	**-**	**-**	**1,325,000**

PROPOSED SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Capital Rplcmnt Fund 317	-	-	-	-	-	-	-	-
Capital Projects Fund (301) Restricted	-	-	200,000	-	-	-	-	200,000
Transportation Impact Fee Fund	-	-	-	-	-	-	-	-
TPO Funds	-	-	-	1,125,000	-	-	-	1,125,000
TOTAL PROJECT REVENUE	**-**	**-**	**200,000**	**1,125,000**	**-**	**-**	**-**	**1,325,000**

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 is currently required along this corridor unless supplemental landscaping is provided. The average annual operational cost for a new road (5 miles or less) 1 (one) year after construction is $1,500 for the first 7 (seven) years of life.

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Fund - (001)	**-**	**-**	**-**	-	1,500	1,500	1,500	4,500
Total	**-**	**-**	**-**	**-**	**1,500**	**1,500**	**1,500**	**4,500**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201647

Project Name:	WB Dunlawton Ave Right Turn Lane and City Center Cir.	**Project Manager:**	CD Planner
Department:	Community Development	**Original Plan Date:**	March 10, 2015
Location:	Dunlawton Avenue and City Center Cir.	**Concurrency Requirement:**	No

Goal / Objective: Goal 3, Objective 5 — **Priority II**: ESSENTIAL (Should-Do)

DESCRIPTION/JUSTIFICATION:

This project consists of a proposal to construct a westbound right turn lane on Dunlawton Avenue at the intersection with City Center Circle to improve traffic flow and reduce delays for turning vehicles and Dunlawton Avenue through vehicles. No additional right-of-way is needed for this project. The project will add roadway capacity at the intersection and reduce delays for westbound Dunlawton Avenue vehicles turning right. Under current policy, the TPO will fund up to 90% of the project and the City will fund 10% of the project and 100% of CEI. A feasibility study was completed in April 2016. The City provided matching (10%) funding for the feasibility study. The project is now on the TPO's 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 City's local match for design and construction and 100% of CEI 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	Total	City %	Total City $	TPO $
Feasibility Study:	15,000	10%	$ 1,500	$ 13,500
Engr & Plan:	52,000	10%	$ 5,200	46,800
CEI*:	50,000	100%	50,000	-
Construction:	257,000	10%	25,700	231,300
Total Proj. Cost:	**$ 374,000**		**$ 82,400**	**$ 291,600**

*CEI - Construction Engineering and Inspection (CEI) services are required by FDOT for contract administration, inspection, federal compliance oversight, and materials sampling and testing for the construction project.

Note: This is **Project IMI011** and currently has a budget of $5,000 - funded from Capital Projects Fund 301.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Feasibility Study	15,000	-	-	-	-	-	-	15,000
Engineering & Planning	3,500	48,500	-	-	-	-	-	52,000
CEI	-	-	50,000	-	-	-	-	50,000
Construction	-	.	257,000	-	-	-	-	257,000
TOTAL PROJECT COSTS	**18,500**	**48,500**	**307,000**	**-**	**-**	**-**	**-**	**374,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Capital Rplcmnt Fund 317	-		-	-	-	-	-	-
Capital Projects Fund (301) Restricted	5,000	1,700	75,700	-	-	-		82,400
Transportation Impact Fee Fund	-	-	-	-	-	-		-
TPO Funds	13,500	46,800	231,300	-	-	-		291,600
TOTAL PROJECT REVENUE	**18,500**	**48,500**	**307,000**	**-**	**-**	**-**	**-**	**374,000**

OPERATIONAL IMPACT

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

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Fund - (001)	**-**	**-**	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
	-							

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201750

Project Name:	EB Dunlawton Ave. Right Turn Lane at Clyde Morris Blvd.	**Project Manager:**	CD Planner
Department:	Community Development	**Original Plan Date:**	March 10, 2016
Location:	Dunlawton Avenue and Clyde Morris Blvd.	**Concurrency Requirement:**	No

Goal / Objective: Goal 3 Objective 5 **Priority II**: ESSENTIAL (Should-Do)

DESCRIPTION/JUSTIFICATION:

This project consists of 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 is anticipated 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. The City will need to fund 100% of CEI. A feasibility study was completed in January 2017. FDOT funded 100% of the feasibility study and the City did not need to provide the typical 10% match. The project is now on the TPO's 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 City's local match for design and construction and 100% of CEI will be funded with restricted Gas Tax funds (Fund 301). The City's estimated cost for design, construction, and CEI is $95,000 and the TPO estimated cost for design and construction is $420,000. The project will add roadway capacity at the intersection and reduce delays for eastbound vehicles turning right

Component	Total Cost	City %	Total City $	TPO $
Feasibility Study:	$ 15,000	0.00%	$ -	$ 15,000
Eng. & Design:	75,000	10.00%	7,500	67,500
CEI*:	50,000	100.00%	50,000	-
Construction:	375,000	10.00%	37,500	337,500
Total Proj. Cost:	**$ 515,000**		**$ 95,000**	**$ 420,000**

*CEI - Construction Engineering and Inspection (CEI) services are required by FDOT for contract administration, inspection, federal compliance oversight, and materials sampling and testing for the construction project.

Note: FDOT funded 100% of the Feasibility Study - $15,000 in FY17.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Feasibility Study	15,000	-	-	-	-	-	-	15,000
Engineering & Planning	-	75,000	-	-	-	-	-	75,000
CEI			50,000	-	-	-	-	50,000
Construction	-	-	375,000	-	-	-	-	375,000
TOTAL PROJECT COSTS	**15,000**	**75,000**	**425,000**	**-**	**-**	**-**	**-**	**515,000**
	-							
PROPOSED SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Capital Rplcmnt Fund 317	-	-	-	-	-	-		-
Capital Projects Fund (301) Restricted	-	7,500	87,500	-	-	-		95,000
Transportation Impact Fee Fund	-	-	-	-	-	-	-	-
TPO Funds	15,000	67,500	337,500	-	-	-	-	420,000
TOTAL PROJECT REVENUE	**15,000**	**75,000**	**425,000**	**-**	**-**	**-**	**-**	**515,000**

OPERATIONAL IMPACT

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

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Fund - (001)	**-**	**-**	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201751

Project Name:	WB Dunlawton Ave. 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		No

Goal / Objective: Goal 3 Objective 5 **Priority II**: ESSENTIAL (Should-Do)

DESCRIPTION/JUSTIFICATION:

This project consists of 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. Additional right-of-way is anticipated to 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 design and construction cost and the City will fund 10% of the project. The City will need to fund 100% of CEI. A feasibility study was completed in January 2017. FDOT funded 100% of the feasibility study and the City did not need to provide the typical 10% match. The project is now on the TPO's 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 City's local match for design and construction and 100% of CEI will be funded with restricted Gas Tax funds (Fund 301). The City's estimated cost for design, construction, and CEI is $87,100 and the TPO is estimated to spend $432,900 on design and consecution. The project will add roadway capacity at the intersection and reduce delays for westbound vehicles turning right.

Component	Total Cost	City %	Total City $	TPO $
Feasibility Study:	$ 15,000	0%	$ -	$ 15,000
R/W Acquisition:	260,000	100%	260,000	-
Eng. & Design:	110,000	10%	11,000	99,000
Construction:	371,000	10%	37,100	333,900
CEI*:	50,000	100%	50,000	-
Total Proj. Cost:	**$ 806,000**		**$ 358,100**	**$ 447,900**

*CEI - Construction Engineering and Inspection (CEI) services are required by FDOT for contract administration, inspection, federal compliance oversight, and materials sampling and testing for the construction project.

Note: FDOT funded 100% of the Feasibility Study - $15,000 in FY17.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Feasibility Study	15,000	-	-	-	-	-	-	15,000
R/W Acquisition	-	260,000	-	-	-	-	-	260,000
Engineering & Planning	-	-	110,000	-	-	-	-	110,000
CEI	-	-	-	50,000	-	-	-	50,000
Construction	-	-	-	371,000	-	-	-	371,000
TOTAL PROJECT COSTS	**15,000**	**260,000**	**110,000**	**421,000**	**-**	**-**	**-**	**806,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Capital Rplcmnt Fund 317	-	-	-	-	-	-	-	-
Gas Tax Fund 301 (restricted funds)	-	-	11,000	87,100	-	-	-	98,100
General Capital Fund 317-Unfunded	-	260,000	-	-	-	-	-	260,000
TPO Funds	15,000	-	99,000	333,900	-	-	-	447,900
TOTAL PROJECT REVENUE	**15,000**	**260,000**	**110,000**	**421,000**	**-**	**-**	**-**	**806,000**

OPERATIONAL IMPACT

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

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Fund - (001)	**-**	**-**	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201856
PNC016

Project Name:	EB Herbert St. Left Turn Lane at Nova Rd.	**Project Manager:**	CD Planner
Department:	Community Development	**Original Plan Date:**	February 22, 2017
Location:	Herbert Street and Nova Road		No

Goal / Objective: Goal 3 Objective 5 — **Priority II**: ESSENTIAL (Should-Do)

DESCRIPTION/JUSTIFICATION:

The project consists of looking at options to modify the intersection of Nova Road and Herbert Street to improve movement through the intersection. The intersection experiences congestion throughout the day, most notably in the morning and late afternoon. Additional right-of-way is anticipated to be needed for any intersection improvements. The City submitted the project for TPO funding in Spring 2017. The project is on the TPO's Project Priority List for a feasibility study. A feasibility study will first need to be conducted to develop an estimated cost for design and construction. Under current policy, the TPO will fund up to 90% of the project and the City will fund 10% of the project and 100% of the CEI cost. Once the study is completed, the project will be eligible for inclusion in the TPO's Project Priority List for design and construction funding and the cost estimates will be updated.

The estimated design and construction cost of the project is $680,000 but will be adjusted after the feasibility study is completed. Based on this estimated cost, the City's share would be $132,000 including $2,000 for feasibility study, $10,000 for design, $60,000 for construction, and $60,000 for CEI. The City's local match will be funded with restricted Gas Tax funds (Fund 301)

As part application request for a feasibility study, the City requests that multiple options be evaluated. With improvements to the intersection, specifically, turn lane improvements on Herbert Street and Nova Road along with corresponding signal timing improvements more green time could be allocated to Nova Road.

• Option 1: Extend the stacking area for the existing left-turn lane on eastbound Herbert Street at Nova Road, realigning the westbound Herbert Street travel lane, along with necessary improvements to the intersection.

• Option 2: Modify eastbound Herbert Street at Nova Road to create a left-turn lane, right-turn lane, and a thru lane. Also, realigning the westbound Herbert Street travel lane and realigning the westbound Herbert Street travel lane, along with necessary improvements to the intersection.

• Option 3: Other modifications or design alternatives that the consultant, selected by the TPO to prepare the Feasibility Study, can recommend to improve movement through the intersection, specifically for vehicles turning onto Nova Road and Herbert Street.

Component	Total Cost	City %	Total City $	TPO $
Feasibility Study:	$ 20,000	10%	$ 2,000	$ 18,000
Engr & Design:	100,000	10%	10,000	90,000
CEI*:	60,000	100%	60,000	-
Construction:	600,000	10%	60,000	540,000
Total Proj. Cost:	**$ 780,000**		**$ 132,000**	**$ 648,000**

*CEI - Construction Engineering and Inspection (CEI) services are required by FDOT for contract administration, inspection, federal compliance oversight, and materials sampling and testing for the construction project.

Note: Project PNC016 was established in FY18 with of budget of $2,000 for the City's share of the Feasibility Study funded from Capital Projects Fund 301.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Feasibility Study	2,000	18,000	-	-	-	-	-	20,000
Engineering & Planning	-		100,000	-	-	-	-	100,000
CEI	-		-	60,000	-	-	-	60,000
Construction	-		-	600,000	-	-	- -	600,000
TOTAL PROJECT COSTS	**2,000**	**18,000**	**100,000**	**660,000**	**-**	**-**	**-**	**780,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS		FY20	FY21	FY22	FY23	FY24	TOTAL
General Capital Rplcmnt Fund 317	-		-	-	-	-	-	-
Capital Projects Fund (301) Restricted	2,000	-	10,000	120,000	-	-		132,000
Transportation Impact Fee Fund	-	-	-	-	-	-		-
TPO Funds	-	18,000	90,000	540,000	-	-		648,000
TOTAL PROJECT REVENUE	**2,000**	**18,000**	**100,000**	**660,000**	**-**	**-**	**-**	**780,000**

OPERATIONAL IMPACT

This segment of Herbert Street where the turn lane would be constructed is a City collector roadway and maintained by the Public Works Department. The road segment is presently on the 26-year resurfacing program cycle. It is further expected that the Public Works Department would incur a minor increase in maintenance costs than what it currently required along this road segment.

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Fund - (001)	**-**	**-**	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 430201A

PROJECT NAME	Road Resurfacing and Reconstruction	**Project Manager:**	Buttrum/Dixon
DEPARTMENT	Public Works	**Original Plan Date:**	February 26, 2001
LOCATION	Various Locations	**Concurrency Requirement:**	Transportation

Goal / Objective: Goal 2 Objectives 2 **Priority I: IMPERATIVE** *(Must-Do)*

DESCRIPTION/JUSTIFICATION:

Multi Year Reconstruction Program
Striping & Markers

Ongoing routine maintenance program to repair/replace paving on existing streets throughout the city. This project also includes unexpected repairs that cannot be performed by in-house staff. The attached list is the anticipated work schedule for FY19.

Note: This program covers sub-divisions and miscellaneous roads throughout the City. For more detail on the streets that will be paved in FY19 please see Pg.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Engineering & Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	750,000	750,000	750,000	750,000	750,000	750,000	4,500,000
Striping / Retro-Reflective Markers	-	50,000	50,000	50,000	50,000	50,000	50,000	300,000
TOTAL PROJECT COSTS	**-**	**800,000**	**800,000**	**800,000**	**800,000**	**800,000**	**800,000**	**4,800,000**
PROPOSED SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Capital Projects Fund 301 (Restricted)	-	800,000	800,000	800,000	800,000	800,000	800,000	4,800,000
TOTAL PROJECT REVENUE	**-**	**800,000**	**800,000**	**800,000**	**800,000**	**800,000**	**800,000**	**4,800,000**

OPERATIONAL IMPACT

In-house staff will inspect the work product

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Fund - (001)	**-**	**-**	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**		**-**

Model Yr:	Superseg Code:	Superseg Desc:	Rehab:	Classification:	Tons:	Sq. Yds:
2019	1140	1140 - AFSHIN CT	EM+Thin Olay (1.5 - 2.0) + RR	Local	112.79	1,367.18
2019	1210	1210 - AMBER CIR	EM+Thin Olay (1.5 - 2.0) + RR	Local	95.37	1,156.00
2019	1370	1370 - ASHLEY CIR	EM+Thin Olay (1.5 - 2.0) + RR	Local	51.80	627.92
2019	1400	1400 - AVON CT	EM/FWM + Mod Olay (2.0 - 3.0)	Local	103.18	1,250.63
2019	1440	1440 - B ST	EM/FWM + Mod Olay (2.0 - 3.0)	Local	36.25	439.40
2019	1480	1480 - BARHYDT AV	EM/FWM + Mod Olay (2 - 3) + RR	Local	58.42	708.11
2019	2060	2060 - BRUNER RD	EM+Thin Olay (1.5 - 2.0) + RR	Local	199.75	2,421.23
2019	2130	2130 - BUTTON BUSH CT	EM+Thin Olay (1.5 - 2.0) + RR	Local	51.60	625.40
2019	2230	2230 - CARLTON PL	EM/FWM + Mod Olay (2.0 - 3.0)	Local	120.67	1,462.69
2019	2380	2380 - CHANTEL CT	EM+Thin Olay (1.5 - 2.0) + RR	Local	65.18	790.09
2019	2510	2510 - CHRISTIANCY AV	EM+Thin Olay (1.5 - 2.0) + RR	Local	93.26	1,130.47
2019	2550	2550 - CHRISTY DR	EM/FWM + Mod Olay (2.0 - 3.0)	Local	183.68	2,226.44
2019	2570	2570 - CINDY CIR	EM/FWM + Mod Olay (2.0 - 3.0)	Local	108.99	1,321.08
2019	3150	3150 - DENEAH CT	EM+Thin Olay (1.5 - 2.0) + RR	Local	68.93	835.46
2019	3190	3190 - DEVON ST	EM/FWM + Mod Olay (2.0 - 3.0)	Local	341.60	4,140.61
2019	3230	3230 - DEXTER DR	EM+Thin Olay (1.5 - 2.0) + RR	Local	54.64	662.30
2019	3300	3300 - DONNELL DR	EM+Thin Olay (1.5 - 2.0) + RR	Local	207.02	2,509.33
2019	3340	3340 - DOVER CT	EM/FWM + Mod Olay (2.0 - 3.0)	Local	73.97	896.66
2019	3350	3350 - DUBLIN CIR	EM/FWM + Mod Olay (2.0 - 3.0)	Local	81.84	991.97
2019	3430	3430 - EAGLE LAKE TR	EM+Thin Olay (1.5 - 2.0) + RR	Local	245.50	2,975.82
2019	3460	3460 - EDDY LN	EM/FWM + Mod Olay (2.0 - 3.0)	Local	100.12	1,213.56
2019	3470	3470 - EDNA CT	EM+Thin Olay (1.5 - 2.0) + RR	Local	54.11	655.89
2019	3800	3800 - FOX TRACE CT	EM+Thin Olay (1.5 - 2.0) + RR	Local	70.36	852.80
2019	3840	3840 - FRANKLIN DR	EM+Thin Olay (1.5 - 2.0) + RR	Local	294.58	3,570.64
2019	3870	3870 - FREDERICK AV	EM/FWM + Mod Olay (2.0 - 3.0)	Local	228.11	2,764.93
2019	4110	4110 - GREGORY CIR	EM/FWM + Mod Olay (2.0 - 3.0)	Local	88.03	1,067.02
2019	4190	4190 - HALIFAX DR	EM/FWM + Mod Olay (2.0 - 3.0)	Local	345.17	4,183.91
2019	4340	4340 - HENSEL RD	EM/FWM + Mod Olay (2.0 - 3.0)	Local	263.24	3,190.82
2019	4730	4730 - IPSWICH LN	EM/FWM + Mod Olay (2.0 - 3.0)	Local	222.73	2,699.80
2019	4770	4770 - IRON GATE CIR	EM+Thin Olay (1.5 - 2.0) + RR	Local	158.93	1,926.44
2019	4960	4960 - JAMES ASA SYKES DR	EM/FWM + Mod Olay (2.0 - 3.0)	Local	36.29	439.84
2019	5040	5040 - JOAN LN	EM+Thin Olay (1.5 - 2.0) + RR	Local	41.62	504.48
2019	5240	5240 - KRISTINA CT	EM+Thin Olay (1.5 - 2.0) + RR	Local	133.41	1,617.06
2019	5500	5500 - LEMON ST	EM/FWM + Mod Olay (2.0 - 3.0)	Local	101.10	1,225.40
2019	5620	5620 - LOCUST ST	EM/FWM + Mod Olay (2.0 - 3.0)	Local	109.95	1,332.74
2019	5670	5670 - LONG MEADOW CT	EM/FWM + Mod Olay (2.0 - 3.0)	Local	43.66	529.17
2019	5730	5730 - MADELINE AV	EM/FWM + Mod Olay (2.0 - 3.0)	Collector	533.46	6,466.19
2019	5740	5740 - MADELINE AV	EM/FWM + Mod Olay (2 - 3) + RR	Collector	378.42	4,586.90
2019	5920	5920 - MASOUD CT	EM+Thin Olay (1.5 - 2.0) + RR	Local	56.33	682.81

Model Yr:	Superseg Code:	Superseg Desc:	Rehab:	Classification:	Tons:	Sq. Yds:
2019	5980	5980 - MEEKER PL	EM+Thin Olay (1.5 - 2.0) + RR	Local	61.51	745.59
2019	6240	6240 - MOONSTONE CT	EM/FWM + Mod Olay (2.0 - 3.0)	Local	622.83	7,549.48
2019	6290	6290 - MYSTIC DR	EM/FWM + Mod Olay (2.0 - 3.0)	Local	48.77	591.20
2019	6480	6480 - NILOUFAR LN	EM/FWM + Mod Olay (2.0 - 3.0)	Local	109.07	1,322.06
2019	7000	7000 - OXFORD DR	EM/FWM + Mod Olay (2.0 - 3.0)	Local	137.63	1,668.29
2019	7320	7320 - PHEASANT RIDGE DR	EM+Thin Olay (1.5 - 2.0) + RR	Local	270.53	3,279.16
2019	7440	7440 - PINELAND AV	EM/FWM + Mod Olay (2.0 - 3.0)	Local	359.56	4,358.31
2019	7640	7640 - POWERS AV	EM/FWM + Mod Olay (2.0 - 3.0)	Local	114.53	1,388.24
2019	7850	7850 - RAVEN ROCK CT	EM/FWM + Mod Olay (2.0 - 3.0)	Local	74.81	906.77
2019	7880	7880 - RED PONTIAC DR	EM/FWM + Mod Olay (2.0 - 3.0)	Local	88.10	1,067.87
2019	7940	7940 - RESERVATION CT	EM/FWM + Mod Olay (2.0 - 3.0)	Local	64.68	784.04
2019	7950	7950 - REYNOLDS CIR	EM/FWM + Mod Olay (2.0 - 3.0)	Local	83.16	1,008.02
2019	8060	8060 - ROBBIN DR	EM+Thin Olay (1.5 - 2.0) + RR	Local	350.66	4,250.46
2019	8810	8810 - SHELDON CIR	EM+Thin Olay (1.5 - 2.0) + RR	Local	94.84	1,149.61
2019	8820	8820 - SHERALEE CT	EM+Thin Olay (1.5 - 2.0) + RR	Local	60.57	734.22
2019	9060	9060 - SPOUT LN	EM+Thin Olay (1.5 - 2.0) + RR	Local	96.40	1,168.53
2019	9100	9100 - SPRINGWOOD SQ	EM/FWM + Mod Olay (2.0 - 3.0)	Local	671.43	8,138.60
2019	9180	9180 - SPRUCE CREEK RD	EM+Thin Olay (1.5 - 2.0) + RR	Local	145.27	1,760.89
2019	9210	9210 - SPRUCEVIEW DR	EM+Thin Olay (1.5 - 2.0) + RR	Local	132.08	1,600.93
2019	9350	9350 - STORYBROOKE LN	EM/FWM + Mod Olay (2.0 - 3.0)	Local	94.54	1,145.98
2019	9690	9690 - TAMMANY WAY	EM+Thin Olay (1.5 - 2.0) + RR	Local	50.02	606.34
2019	9780	9780 - TAYLOR AV	EM/FWM + Mod Olay (2.0 - 3.0)	Local	118.88	1,440.98
2019	9880	9880 - TIMBER TR	EM/FWM + Mod Olay (2 - 3) + RR	Local	281.04	3,406.53
2019	9950	9950 - TOURO DR	EM+Thin Olay (1.5 - 2.0) + RR	Local	178.47	2,163.24
2019	10010	10010 - TRACY DR	EM+Thin Olay (1.5 - 2.0) + RR	Local	241.93	2,932.47
2019	10120	10120 - TRIBUTORY LN	EM+Thin Olay (1.5 - 2.0) + RR	Local	205.33	2,488.87
2019	10170	10170 - TUMBLEBROOK DR	EM/FWM + Mod Olay (2.0 - 3.0)	Local	59.83	725.24
2019	10290	10290 - VAUGHN RD	EM/FWM + Mod Olay (2 - 3) + RR	Local	36.17	438.38
2019	10320	10320 - VENTERS ST	EM+Thin Olay (1.5 - 2.0) + RR	Local	101.25	1,227.24
2019	10410	10410 - VIRGINIA AV	EM/FWM + Mod Olay (2.0 - 3.0)	Local	158.69	1,923.49
2019	10450	10450 - WALES AV	EM+Thin Olay (1.5 - 2.0) + RR	Local	247.50	3,000.04
2019	10540	10540 - WATERFORD POINT DR	EM/FWM + Mod Olay (2.0 - 3.0)	Local	90.20	1,093.33
2019	10660	10660 - WEST GATE DR	EM/FWM + Mod Olay (2.0 - 3.0)	Local	46.24	560.51
2019	10800	10800 - WILD HOLLY DR	EM+Thin Olay (1.5 - 2.0) + RR	Local	212.12	2,571.20
2019	10830	10830 - WILLIS AV	EM/FWM + Mod Olay (2.0 - 3.0)	Local	10.59	128.40
2019	10920	10920 - WILLOW RUN DR	EM+Thin Olay (1.5 - 2.0) + RR	Local	128.56	1,558.35

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 430201B
NEW

PROJECT NAME:	Curb & Guard Rail Replacement	**Project Manager:**	
DEPARTMENT:	Public Works	**Original Plan Date:**	
LOCATION:	Various locations	**Concurrency Requirement:**	

Goal / Objective: Goal 2 Objectives 2 — **Priority I: IMPERATIVE** *(Must-Do)*

DESCRIPTION/JUSTIFICATION:

PROGRAM	PROJECT NO	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Canal View		-	185,109	-	-	-	-	-	185,109
Spruce Creek			51,923	-	-	-	-	-	51,923
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-		-	-	-	-
		-	**237,032**	**-**	**-**	**-**	**-**	**-**	**237,032**

This project will involve replacing and/or adding curbing to the existing roadways. This is replacement, not maintenance. Routine maintenance is budgeted in the operating account. These areas are a significant safety issue due to rainwater runoff eroding the edge of the roadway.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	16,000	-	-	-	-	-	16,000
Construction	-	221,032	-	-	-	-	-	221,032
TOTAL PROJECT COSTS	**-**	**237,032**	**-**	**-**	**-**	**-**	**-**	**237,032**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Capital Projects Fund 301 (Unrestricted)	-	237,032	-	-	-	-	-	237,032
General Capital Fund 317 - Funded	-	-	-	-	-	-	-	-
General Capital Fund 317 - Unfunded	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**-**	**237,032**	**-**	**-**	**-**	**-**	**-**	**237,032**

OPERATIONAL IMPACT

No operational impact

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Fund - (001)	**-**	**-**	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 430201C
New

PROJECT NAME:	School Crossing / Intersection Safety	**Project Manager:**	Buttrum
DEPARTMENT:	Public Works	**Original Plan Date:**	
LOCATION:	Various Locations	**Concurrency Requirement:**	

Goal / Objective: Goal 2 Objectives 2 **Priority II:** ESSENTIAL (Should-Do)

DESCRIPTION/JUSTIFICATION:

This project involves placing lighted stop, caution, and yield signs in several locations. Signs will be solar powered to avoid electrical costs. Also, installation of Red reflective pavement (RPM) markers to aid the stop signs. Once installed, the lighted signs will draw attention to potentially dangerous intersections near local schools. Reflective pavement markers (RPM) will give additional visual reference of the intersection as well as reduce the speeds in certain Ares. Lighted caution signs will provide warnings to drivers of congested areas ahead. Work will be performed by an outside contractor.

Component	Cost	
Lighted Stop Signs	7,500	(5 @ $1500 ea.)
Lighted Caution Signs	24,000	(16 @ $1500 ea.)
Red Reflective Pavement Markers	960	(96 @ $10 ea.)
Labor	10,000	
	42,460	

Schools:
- Sugar Mill Elementary
- Spruce Creek Elementary
- Spruce Creek High School
- Sweetwater Elementary
- Silver Sands Middle
- Creekside Middle
- Horizon Elementary

Note: Grant funding will be sought through the FDOT Safe Routes to Schools Program. The project would be presented to the local group for prioritization therefore funding would be available in 2020. Due to safety concerns for students crossing at Creekside Middle School it is recommended that the School Crossing/Intersection Safety project be implemented as a pilot at this school in 2019.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	-	-	-	-	-	-	-
Construction	-	42,460	-	-	-	-	-	42,460
Materials	-	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**-**	**42,460**	**-**	**-**	**-**	**-**	**-**	**42,460**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Capital Projects Fund 301 (Unrestricted)	-	42,460	-	-	-	-	-	42,460
General Capital Fund 317 - Funded	-	-	-	-	-	-	-	-
General Capital Fund 317 - Unfunded	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**-**	**42,460**	**-**	**-**	**-**	**-**	**-**	**42,460**

OPERATIONAL IMPACT

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Fund - (001)	**-**	**-**	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Revenue and Expense Projections by Fund

Fire Impact Fee Fund 311	FY18	FY19	FY20	FY21	FY22	FY23	FY24
Revenues							
Actual thru 05/31/2018	97,878						
Remainder of FY18	-						
Interest on Investments	-	500	500	500	500	500	500
Fire Impact Fees - Commercial		25,000	25,000	25,000	25,000	25,000	25,000
Fire Impact Fees - Residential		25,000	25,000	25,000	25,000	25,000	25,000
Total Revenues:	**97,878**	**50,500**	**50,500**	**50,500**	**50,500**	**50,500**	**50,500**
Expenditures							
Actual thru 05/31/2018	667						
Reminder of FY18 (includes $49,500 of Contingency)	49,833						
Encumbrances	-						
Admin Service Fees		1,000	1,000	1,000	1,000	1,000	1,000
Capital Improvement Program (CIP)							
Training Facility/Tower		75,000	403,000	-	-	-	-
Total Expenditures:	**50,500**	**76,000**	**404,000**	**1,000**	**1,000**	**1,000**	**1,000**
Increase / (Decrease) per Fiscal Year:	47,378	(25,500)	(353,500)	49,500	49,500	49,500	49,500
Beginning Available Funds (Cash Reserves):	575,262	622,640	597,140	243,640	293,140	342,640	392,140
Ending Available Funds (Cash Reserves):	**622,640**	**597,140**	**243,640**	**293,140**	**342,640**	**392,140**	**441,640**

Committed FY18 Fire Impact Fee Fund Projects as of 5/31/18

PROJECT DESC	PROJ #	BUDGET	EXPENSES	ENCUMBERED	BALANCE	% BUDGET EXPENDED
			-	-		-
Total for 311 Fire Impact Fee Fund:		**0.00**	**0.00**	**0.00**	**0.00**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201838

Project Name:	Training Facility/Tower	**Project Manager:**	Ken Fustin
Department:	Fire Rescue	**Original Plan Date:**	02/01/17
Location:	Fire Stations	**Concurrency Requirement:**	
Goal / Objective:	Goal 1 Objective 2	**Priority I**:	IMPERATIVE (Must-Do)

DESCRIPTION / JUSTIFICATION:

Currently Fire Rescue does not have an easily accessible training ground available on a regular basis within the City Limits. Requesting to build a new training facility to include a burn building, smoke/high rise tower, and the installation of piping to carry LP gases, air, and water for simulated hazardous materials incidents. Facilities are also required to ensure personnel can meet the training requirements established by OSHA for confined space training. Renovations at the former facility, located at 5839 Trailwood Drive, have been proposed for many years. Due to Fire Station #72's relocation and subsequent use as a drainage/retention area, it is necessary to construct a new and possibly joint training facility. The requested funding is based on estimates from vendors and conversations with Fire professionals that are currently working on similar projects.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Engineering & Planning	-	75,000	-	-	-	-	-	75,000
Construction	-	-	1,325,000	-	-	-	-	1,325,000
Equipment	-	-	100,000	-	-	-	-	100,000
TOTAL PROJECT COSTS	**-**	**75,000**	**1,425,000**	**-**	**-**	**-**	**-**	**1,500,000**

SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Capital Rplcmnt Fund 317	-	-	-	-	-	-	-	
Fire Impact Fee Fund 311	-	75,000	403,000		-	-	-	478,000
General Capital Fund 317-Unfunded	-	-	522,000		-	-	-	522,000
Possible Funding from Other Cities	-	-	500,000					500,000
TOTAL PROJECT REVENUE	**-**	**75,000**	**1,425,000**	**-**	**-**	**-**	**-**	**1,500,000**

OPERATIONAL IMPACT

Additional annual operating costs will include general maintenance and repairs, utilities, insurance, and operating supplies. Some of these costs may be offset by new revenue generated from renting the training faculty to other agencies.

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Additional Revenues								
Charges for Services	-	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-	-
Less Additional Expenditures								
New Personnel	-	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	2,000	2,000	2,000	2,000	8,000
Non Operating (Debt Service)	-	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**2,000**	**2,000**	**2,000**	**2,000**	**8,000**

FUNDING SOURCES	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Fund 001	-	**-**	-	2,000	2,000	2,000	2,000	8,000
Total	**-**	**-**	**-**	**2,000**	**2,000**	**2,000**	**2,000**	**8,000**

Revenue and Expense Projections by Fund

Transportation Impact Fee Fund 312	FY18	FY19	FY20	FY21	FY22	FY23	FY24
Revenues							
Actual thru 05/31/2018	178,610						
Remainder of FY18	-						
FDOT LAP Agreements	658,523						
Transportation Impact Fees		140,000	140,000	140,000	140,000	140,000	140,000
Interest on Investments	-	5,000	5,000	5,000	5,000	5,000	5,000
Total Revenues:	**837,132**	**145,000**	**145,000**	**145,000**	**145,000**	**145,000**	**145,000**
Expenditures							
Actual thru 05/31/2018	183,144						
Remainder of FY18 (includes $46,216 of Contingency)	593,274						
Encumbrances	443,047						
Admin. Service Fees (2% of Impact Fee Revenue)		2,800	2,800	2,800	2,800	2,800	2,800
Capital Improvement Program (CIP)							
Willow Run Blvd. Sidewalk (South)		-	61,000	-	-	-	-
Madeline Avenue (East) Sidewalks		-	10,000	271,000	-	-	-
Madeline Avenue (West) Sidewalk		2,000	10,000	280,000	-	-	-
Taylor Rd./Williamson Blvd. Inter. Feasibility Study		1,000	-	-	-	-	-
Sidewalk Gap Project		8,000	153,000	-	-	-	-
Taylor Rd./Clyde Morris Blvd. Inter. Feasibility Study		2,000	5,000	80,000	-	-	-
Total Expenditures:	**1,219,464**	**15,800**	**241,800**	**633,800**	**2,800**	**2,800**	**2,800**
Increase / (Decrease) per Fiscal Year:	(382,332)	129,200	(96,800)	(488,800)	142,200	142,200	142,200
Beginning Available Funds (Cash Reserves):	2,097,842	1,715,510	1,844,710	1,747,910	1,259,110	1,401,310	1,543,510
Ending Available Funds (Cash Reserves):	**1,715,510**	**1,844,710**	**1,747,910**	**1,259,110**	**1,401,310**	**1,543,510**	**1,685,710**

Committed FY18 Transp. Impact Fee Projects as of 05/31/18

PROJECT DESC	PROJ #	BUDGET	EXPENSES	ENCUMBERED	BALANCE	% BUDGET EXPENDED
CD N SPR CRK RD SIDEWALK	OMI017	1,456.00	-	-	1,456.00	0.00%
CD N SPR CRK RD SIDEWALK	OMI017	93,639.00	4,858.62	353.07	88,427.31	5.57%
CD N SPR CRK RD SIDEWALK	OMI017	15,243.00	7,807.51	11,203.92	(3,768.43)	124.72%
CD VICTORIA GRD SIDEWALK	OMI018	69,778.00	13,418.59	36,226.25	20,133.16	71.15%
CD VICTORIA GRD SIDEWALK	OMI018	317,803.00	-	188,120.60	129,682.40	59.19%
CD MCDONALD RD SIDEWALK	OMI019	1,391.00	-	-	1,391.00	0.00%
CD MCDONALD RD SIDEWALK	OMI019	58,851.00	41,175.00	5,295.00	12,381.00	78.96%
CD MCDONALD RD SIDEWALK	OMI019	350,000.00	114,017.40	201,847.80	34,134.80	90.25%
P WILLOW RUN SIDEWALK SO	OMI023	1,500.00	-	-	1,500.00	0.00%
P WILLOW RUN SIDEWALK SO	OMI023	6,494.00	-	-	6,494.00	0.00%
P MISC NEW SIDEWALKS	OMI024	5,013.00	-	-	5,013.00	0.00%
CD MadelineAve E Sidewalk	OMI032	2,000.00	-	-	2,000.00	0.00%
CD Taylr/WillmsnFeasbStdy	OMI033	3,000.00	-	-	3,000.00	0.00%
P YORKTOWNE MDL SEGMENT	PNC007	238,280.00	-	-	238,280.00	0.00%
CD Yorktowne N. Segment	PNC015	6,000.00	-	-	6,000.00	0.00%
Total for 312 Transportation Impact Fee Fund:		**1,170,448.00**	**181,277.12**	**443,046.64**	**546,124.24**	**53.34%**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201336
OMI023

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 3, Objective 2	**Priority II**:	ESSENTIAL (Should-Do)

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). 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. A feasibility study will first need to be conducted to develop an estimated cost for design and construction. Under current policy, the TPO will fund up to 90% of the project and the City will fund 10% of the project and 100% of the CEI cost. Once the study is completed, the project will be eligible for inclusion in the TPO's Project Priority List for design and construction funding and the cost estimates will be updated.

Component	Total Cost*	City %	Total City $	TPO $
Feasibility Study:	$ 15,000	10%	$ 1,500	$ 13,500
Engr & Plan:	60,000	10%	6,000	54,000
CEI:	45,000	100%	45,000	-
Construction:	160,000	10%	16,000	144,000
Total Proj. Cost:	**$ 280,000**		**$ 68,500**	**$ 211,500**

*Estimated cost based on the Spruce Creek Road South sidewalk project.
**CEI - Construction Engineering and Inspection (CEI) services are required by FDOT for contract administration, inspection, federal compliance oversight, and materials sampling and testing for the construction project.

Note: This is **Project OMI023** and currently has a budget of $7,994 funded from Transportation Impact Fee Fund 312. The breakdown is as follow: $1,500 for Feasibility Study and $6,000 for Engineering and Planning and $494 for Construction

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Feasibility Study	15,000	-	-	-	-	-	-	15,000
Engineering & Planning	6,000	54,000	-	-	-	-	-	60,000
CEI	-	-	45,000	-	-	-	-	45,000
Construction	494	-	159,506	-	-	-	-	160,000
							-	
TOTAL PROJECT COSTS	**21,494**	**54,000**	**204,506**	**-**	**-**	**-**	**-**	**280,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Capital Rplcmnt Fund 317	-	-	-	-	-	-	-	-
Transportation Impact Fee Fund 312	7,994	-	60,506	-	-	-		68,500
TPO Funds	13,500	54,000	144,000	-	-	-		211,500
Unfunded	-	-	-	-	-	-		-
TOTAL PROJECT REVENUE	**21,494**	**54,000**	**204,506**	**-**	**-**	**-**	**-**	**280,000**

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. The average annual operational cost for 1 (one) mile or less of new sidewalk 1 (one) year after construction is $500.

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Fund - (001)	-	-	-	500	500	500	500	2,000
Total	**-**	**-**	**-**	**500**	**500**	**500**	**500**	**2,000**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201857
OMI032

Project Name:	Madeline Ave. (East) and Bruner Rd. Sidewalks	**Project Manager:**	CD Planner
Department:	Community Development	**Original Plan Date:**	February 22, 2017
Location:	Madeline Ave. between Clyde Morris Blvd. and Nova Rd. and Bruner Rd.	**Concurrency Requirement:**	No

Goal / Objective: Goal 3 Objective 2 **Priority II**: ESSENTIAL (Should-Do)

DESCRIPTION/JUSTIFICATION:

This project consists of constructing a minimum eight-foot wide sidewalk along the north side of Madeline Avenue from Clyde Morris Boulevard to Nova Road, a distance of 6,200 feet (1.17 miles) and a five-foot wide sidewalk on the east side of Bruner Road, from Madeline Avenue to Stillwood Court, a distance of 1,000 feet (0.19 miles). The City submitted the project for TPO funding in Spring 2017. Additional right-of-way is anticipated to be needed for the sidewalk along Madeline Avenue, near the intersection of Red Pontiac Drive (east end of Madeline Ave. A feasibility study will first need to be conducted to develop an estimated cost for design, construction, and right-of-way. Under current policy, the TPO will fund up to 90% of the project and the City will fund 10% of the project and 100% of the CEI cost. Once the study is completed, the project will be eligible for inclusion in the TPO's Project Priority List for design and construction funding and the cost estimates will be updated.

Component	Total Cost	City %	Total City $	TPO $
Feasibility Study:	$ 20,000	10%	$ 2,000	$ 18,000
Engr & Design:	100,000	10%	10,000	90,000
Right-of-way:	TBD	100%	-	-
CEI*:	190,000	100%	190,000	-
Construction:	810,000	10%	81,000	729,000
Total Proj. Cost:	**$ 1,120,000**		**$ 283,000**	**$ 837,000**

*CEI - Construction Engineering and Inspection (CEI) services are required by FDOT for contract administration, inspection, federal compliance oversight, and materials sampling and testing for the construction project.

Note: **Project OMI032** was established in FY18 with of budget of $2,000 for the City's share of the Feasibility Study funded from Transportation Impact Fee Fund 312.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Feasibility Study	2,000	18,000		-	-	-	-	20,000
Engineering & Planning	-		100,000	-	-	-	-	100,000
CEI	-	-	-	190,000	-	-	-	190,000
Construction	-	-	-	810,000	-	-	-	810,000
Right-of-Way	-	-	-	-	-	-	-	-
							-	
TOTAL PROJECT COSTS	**2,000**	**18,000**	**100,000**	**1,000,000**	**-**	**-**	**-**	**1,120,000**

PROPOSED SOURCES OF FUNDS:	**PRIOR YEARS**		**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Capital Rplcmnt Fund 317	-		-	-	-	-	-	-
Transportation Impact Fee Fund - 312	2,000	-	10,000	271,000	-	-		283,000
Transportation Impact Fee Fund	-	-	-	-	-	-		-
TPO Funds	-	18,000	90,000	729,000	-	-		837,000
TOTAL PROJECT REVENUE	**2,000**	**18,000**	**100,000**	**1,000,000**	**-**	**-**	**-**	**1,120,000**

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. The average annual operational cost for 1 (one) mile or less of new sidewalk 1 (one) year after construction is $500.

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Fund - (001)	-	-	-	-	500	500	500	1,500
Total	**-**	**-**	**-**	**-**	**500**	**500**	**500**	**1,500**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201858

Project Name:	Madeline Avenue (West) Sidewalk	**Project Manager:**	CD Planner
Department:	Community Development	**Original Plan Date:**	February 22, 2017
Location:	Madeline Ave. between Williamson Blvd. and Long Grove Ln.	**Concurrency Requirement:**	No
Goal / Objective:	Goal 3 Objective 2	**Priority II**:	ESSENTIAL (Should-Do)

DESCRIPTION/JUSTIFICATION:

This project consists of constructing a minimum eight- foot wide sidewalk along the north side of Madeline Avenue from Williamson Boulevard to Sunset Cove Drive a distance of 3,325 feet (0.63 miles) and a five-foot wide sidewalk on the south side of Madeline Avenue from Long Grove Land to Town Park Subdivision a distance of 4,000 feet (0.75 miles). The City submitted the project for TPO funding in Spring 2018. Additional right-of-way is not anticipated for the sidewalks along Madeline Avenue. A feasibility study will first need to be conducted to develop an estimated cost for design and construction. Under current policy, the TPO will fund up to 90% of the project and the City will fund 10% of the project and 100% of the CEI cost. The City will need to provide a local match of 10% for the feasibility study, estimated at $2,000. Once the study is completed, the project will be eligible for inclusion in the TPO's Project Priority List for design and construction funding and the cost estimates will be updated.

Component	Total Cost	City %	Total City $	TPO $
Feasibility Study:	$ 20,000	10%	$ 2,000	$ 18,000
Engr & Design:	100,000	10%	10,000	90,000
Right-of-way:	-	100%	-	-
CEI*:	200,000	100%	200,000	-
Construction:	800,000	10%	80,000	720,000
Total Proj. Cost:	**$ 1,120,000**		**$ 292,000**	**$ 828,000**

*CEI - Construction Engineering and Inspection (CEI) services are required by FDOT for contract administration, inspection, federal compliance oversight, and materials sampling and testing for the construction project.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Feasibility Study	-	20,000	-	-	-		-	20,000
Engineering & Planning	-		100,000	-	-	-	-	100,000
CEI	-	-	-	200,000	-	-	-	200,000
Construction	-	-	-	800,000	-	-	-	800,000
TOTAL PROJECT COSTS	**-**	**20,000**	**100,000**	**1,000,000**	**-**	**-**	**-**	**1,120,000**

PROPOSED SOURCES OF FUNDS:	**PRIOR YEARS**		**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Capital Rplcmnt Fund 317	-		-	-	-	-	-	-
Transportation Impact Fee Fund - 312	-	2,000	10,000	280,000	-	-		292,000
Transportation Impact Fee Fund	-	-	-	-	-	-		-
TPO Funds	-	18,000	90,000	720,000	-	-		828,000
TOTAL PROJECT REVENUE	**-**	**20,000**	**100,000**	**1,000,000**	**-**	**-**	**-**	**1,120,000**

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. The average annual operational cost for 1 (one) mile or less of new sidewalk 1 (one) year after construction is $500.

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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			**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Fund - (001)	**-**	**-**	**-**	-	500	500	500	1,500
Total	**-**	**-**	**-**	**-**	**500**	**500**	**500**	**1,500**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201859
OMI033

Project Name:	Taylor Rd/Williamson Blvd. Intersection Feasibility Study	**Project Manager:**	CD Planner
Department:	Community Development	**Original Plan Date:**	March 31, 2017
Location:	Taylor Road/ Williamson Boulevard intersection and Taylor Road/Dunlawton Avenue corridor at I-95	**Concurrency Requirement:**	No

Goal / Objective: Goal 3 Objective 2 **Priority II**: ESSENTIAL (Should-Do)

DESCRIPTION/JUSTIFICATION:

The City submitted the project for TPO funding in Spring 2017. This project will consist of a Feasibility Study to identify effective improvements to minimize delays to traffic, eliminate or reduce crashes, and improve sidewalks and crosswalks for pedestrians at the Taylor Road and Williamson Boulevard intersection, and along the Taylor Road/Dunlawton Avenue corridor at I-95. The main objective of this request is for a Feasibility Study that identifies specific intersection and roadway improvements for both vehicles and pedestrians, and provides cost estimates for the proposed improvements. A feasibility study will first need to be conducted to identify intersection improvements and develop an estimated cost for design and construction of the recommended projects. Under current policy, the City will need to provide a local match of 10% for the feasibility study, estimated at $4,000. Staff would then use the findings in the Feasibility Study to submit for TPO funds if the City commits to support the design and construction of the identified intersection improvements Once the study is completed, the projects identified in the study will be eligible for inclusion in the TPO's Project Priority List for design and construction funding and we will be submitting new CIP pages in the future.

Component	Total Cost	City %	Total City $	TPO $
Feasibility Study:	$ 40,000	10%	$ 4,000	$ 36,000
Total Proj. Cost:	**$ 40,000**		**$ 4,000**	**$ 36,000**

Note: Project OMI033 was established in FY18 with of budget of $3,000 for the City's share of the Feasibility Study funded from Transportation Impact Fee Fund 312.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Feasibility Study	3,000	37,000		-	-		-	40,000
Engineering & Planning	-		-		-	-	-	-
CEI	-	-	-		-	-	-	-
Construction	-	-	-		-	-	-	-
TOTAL PROJECT COSTS	**3,000**	**37,000**	**-**	**-**	**-**	**-**	**-**	**40,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Capital Rplcmnt Fund 317	-		-	-	-	-	-	-
Transportation Impact Fee Fund - 312	3,000	1,000	-	-	-	-		4,000
Transportation Impact Fee Fund	-	-	-	-	-	-		-
TPO Funds	-	36,000	-	-	-	-		36,000
TOTAL PROJECT REVENUE	**3,000**	**37,000**	**-**	**-**	**-**	**-**	**-**	**40,000**

OPERATIONAL IMPACT

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Fund - (001)	-	-	-	-	500	500	500	1,500
Total	**-**	**-**	**-**	**-**	**500**	**500**	**500**	**1,500**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201861

Project Name:	Sidewalk Gap Project	**Project Manager:**	CD Planner
Department:	Community Development	**Original Plan Date:**	March 10, 2016
Location:	Various Locations within the City	**Concurrency Requirement:**	No
Goal / Objective:	Goal 1 Objective 1	**Priority II**:	ESSENTIAL (Should-Do)

DESCRIPTION/JUSTIFICATION:

This project consists of filling sidewalk gaps along major roadways to enhance pedestrian connectivity to schools, bus stops, parks, and retail areas. A feasibility study was completed in April 2017. The estimated design and construction cost for the project is $562,000 the estimated CEI for the project is $60,000 and the estimated cost for utility pole adjustment is 35,000. Under current policy, the TPO will fund up to 90% of the project design and construction cost and the City will fund 10% of the project. The City will need to fund 100% of CEI and relocation of utility poles. The City's local match will be funded with Transportation Impact Fees (Fund 312). Completing these gaps will improve the safety of pedestrians that walk along these major roadway corridors by eliminating the need to use the shoulder or roadway. The following sidewalk gaps have been identified and will be filled as part of this project:

a. Herbert Street (south side) from City Center Drive to Gulfstream Village Driveway;
b. Taylor Road (west side) from Dunlawton Avenue to Journey's End Way; and
c. Woodlake Drive & Ravenwood Drive (north and south side) 300' west of Clyde Morris Boulevard.

Component	Total Cost	City %	Total City $	TPO $
Feasibility Study:	$ 20,000	10.00%	$ 2,000	$ 18,000
Engr & Plan:	84,000	10.00%	8,400	75,600
Construction:	363,000	10.00%	36,300	326,700
CEI:	60,000	100.00%	60,000	-
Utility Pole Adjustment	35,000	100.00%	35,000	-
Right-of-way	21,000	100.00%	21,000	-
Total Proj Cost:	**$ 583,000**		**$ 162,700**	**$ 420,300**

*CEI - Construction Engineering and Inspection (CEI) services are required by FDOT for contract administration, inspection, federal compliance oversight, and materials sampling and testing for the construction project.

Note: The City's share of the feasibility study was paid with operating funds.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Feasibility Study	20,000	-	-	-	-	-	-	20,000
Right-of-Way Acquisition	-	-	21,000	-	-	-	-	21,000
Engineering & Planning	-	84,000	-	-	-	-	-	84,000
Construction	-	-	363,000	-	-		-	363,000
CEI	-	-	60,000	-	-	-	-	60,000
Utility Pole Adjustment	-	-	35,000	-	-	-	-	35,000
TOTAL PROJECT COSTS	**20,000**	**84,000**	**479,000**	**-**	**-**	**-**	**-**	**583,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Capital Projects Fund (301) Restricted	-	-	-	-	-	-	-	-
Transportation Impact Fee Fund 312	-	8,400	152,300	-	-	-	-	160,700
Proportionate Fair Share Contributions	-	-	-	-	-	-		-
TPO Funds	18,000	75,600	326,700	-	-	-		420,300
General Fund 001	2,000	-	-	-	-	-	-	2,000
TOTAL PROJECT REVENUE	**20,000**	**84,000**	**479,000**	**-**	**-**	**-**	**-**	**583,000**

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. The average annual operational cost for 1 (one) mile or less of new sidewalk 1 (one) year after construction is $500.

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Fund - (001)	-	-	-	500	500	500	500	2,000
Total	**-**	**-**	**-**	**500**	**500**	**500**	**500**	**2,000**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201964

PROJECT NAME:	Taylor Rd./Clyde Morris Blvd. Intersection Feasibility Study	**Project Manager:**	CD Planner
DEPARTMENT:	Community Development	**Original Plan Date:**	April 9, 2018
LOCATION:	Taylor Rd./Clyde Morris Blvd. Intersection	**Concurrency Requirement:**	No

Goal / Objective: Goal 3 Objective 5 — **Priority II**: ESSENTIAL (Should-Do)

DESCRIPTION/JUSTIFICATION:

The project consists of looking at options to modify the intersection at Taylor Road/Clyde Morris Boulevard to improve movement through the intersection, specifically the eastbound Taylor Road though movement and left-turn onto Clyde Morris Boulevard. The intersection experiences congestion throughout the day, most notably in the morning and late afternoon. Additional right-of-way is anticipated to be needed for any intersection improvements. The City submitted the project for TPO funding to prepare a Feasibility Study in Spring 2018. A Feasibility Study will first need to be conducted to develop an estimated cost for design and construction. Under current policy, the TPO will fund up to 90% of the project and the City will fund 10% of the project and 100% of the CEI cost. Once the study is completed, the project will be eligible for inclusion in the TPO's Project Priority List for design and construction funding and the cost estimates will be updated. The estimated design and construction cost of the project is $420,000 but will be adjusted after the Feasibility Study is completed. Based on this estimated cost, the City's share would be $87,000, including $2,000 for Feasibility Study, $18,000 for design, $30,000 for construction, and $60,000 for CEI. The City's local match will be funded with Transportation Impact Fee Fund 312.

Component	Total Cost	City %	Total City $	TPO $
Feasibility Study:	$ 20,000	10%	$ 2,000	$ 18,000
Eng. & Design:	50,000	10%	5,000	45,000
Construction:	300,000	10%	30,000	270,000
CEI*:	50,000	100%	50,000	-
Total Proj. Cost:	**$ 420,000**		**$ 87,000**	**$ 333,000**

*CEI - Construction Engineering and Inspection (CEI) services are required by FDOT for contract administration, inspection, federal compliance oversight, and materials sampling and testing for the construction project.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Feasibility Study:	-	20,000	-	-	-	-	-	20,000
Engineering & Planning	-		50,000	-	-	-	-	50,000
Construction	-	-		350,000	-	-	-	350,000
	-	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**-**	**-**	**50,000**	**350,000**	**-**	**-**	**-**	**420,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Capital Rplcmnt Fund 317	-	-	-	-	-	-	-	-
Transportation Impact Fee Fund 312	-	2,000	5,000	80,000	-	-	-	87,000
Capital Projects Fund (301) Restricted								-
TPO Funds	-	18,000	45,000	270,000	-	-	-	333,000
Unfunded	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**-**	**20,000**	**50,000**	**350,000**	**-**	**-**	**-**	**420,000**

OPERATIONAL IMPACT

No additional operating costs are expected as a result of this project because this improvement is anticipated to be maintained by Volusia County.

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Fund - (001)	**-**	**-**	-	-	-	-	-	-
	-	-	-	-	-	-		-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

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Revenue and Expense Projections by Fund

General Capital Fund 317	FY18	FY19	FY20	FY21	FY22	FY23	FY24
Revenues							
Actual thru 05/31/2018	935,638						
Reminder of FY18 FDOT JPA Ridgewood	1,259,280						
Reminder of FY18 FIND Causeway	450,000	-	-	-	-	-	-
Reminder of FY18 Grant from Local Units-Public Safety	800,000						
Reminder of FY18	390,953						
Interest on Investments	-	2,500	2,500	2,500	2,500	2,500	2,500
Transfer from General Fund 001	-	500,000	-	-	-	-	-
Total Revenues:	**3,835,871**	**502,500**	**2,500**	**2,500**	**2,500**	**2,500**	**2,500**
Expenditures							
Actual thru 05/31/2018	1,785,977						
Remainder of FY18	3,532,590						
Encumbrances	2,417,049						
Pending adjustment to balance fund							
Personnel Services		-	-	-	-	-	-
Operating Expenses		-	-	-	-	-	-
317 General Capital - Funded							
The REC Ctr. Remodel and Expansion - Design/Const.		510,000	-	-	-	-	-
Total Funded Requests:	**-**	**510,000**	**-**	**-**	**-**	**-**	**-**
317 General Capital - Prioritized Unfunded							
ADA Transition Plan		200,000	200,000	-	-	-	-
Lakeside Facility HVAC Replacement		335,000	-	-	-	-	-
Riverwalk Park South Phase - Constr.		-	1,500,000	-	-	-	-
Resurface Parking Lots at City Facilities A through B		155,000	39,000	39,000	-	23,000	-
Parks Maintenance Storage - Design		35,000	-	-	-	-	-
Parks Maintenance Storage		-	213,000	-	-	-	-
Work Shop		64,000	-	-	-	-	-
Gear Extractor and Dryers		44,000	-	-	-	-	-
Public Works Facility Paving		70,000	-	-	-	-	-
Fence, Dugout & Backstop Replacement		65,000	140,000	140,000	-	-	-
Playground Replacements		44,000	174,000	-	-	-	-
PW Administration Building Interior Renovation		328,000	-	-	-	-	-
Ball Field Lamp Replacement		332,000	239,000	193,000	-	-	-
Public Works Fence Replacement		50,000	-	-	-	-	-
City Hall Repurposing		275,000	-	-	-	-	-
City Hall Building HVAC		200,000	-	-	-	-	-
Beautification of I-95 Interchange		498,000	-	-	-	-	-
WB Dunlawton Ave. Right Turn Lane at Nova Rd.		260,000	-	-	-	-	-
Self Contained Breathing Apparatus Fill Station		-	-	-	45,000	-	-
Training Facility/Tower		-	522,000	-	-	-	-
Addition to FS 71		-	-	50,000	300,000	-	-
Conference Room Upgrades		21,000	-	-	-	-	-
Amphitheater Seating Replacement		-	-	89,000	20,000	165,000	-
Restroom/Concession Facility		-	-	213,000	-	-	-
City Center Complex Landscape Improvements		-	650,000	-	-	-	-
Total Unfunded Requests:	**7,735,616**	**2,976,000**	**3,677,000**	**724,000**	**365,000**	**188,000**	**-**
Increase / (Decrease) per Fiscal Year:	(3,899,745)	(7,500)	2,500	2,500	2,500	2,500	2,500
Beginning Available Funds (Cash Reserves):	3,935,812	36,067	28,567	31,067	33,567	36,067	38,567
Ending Available Funds (Cash Reserves):	**36,067**	**28,567**	**31,067**	**33,567**	**36,067**	**38,567**	**41,067**

Revenue and Expense Projections by Fund

Capital Projects Fund 317 Continued

Committed FY18 General Capital Projects as of 05/31/18

PROJECT DESC	PROJ #	BUDGET	EXPENSES	ENCUMBERED	BALANCE	% BUDGET EXPENDED
CD RIVERWALK PROJECT	AIO004	93,604.00	93,603.58	-	0.42	0.00%
R City Hall Annex	AIO014	2,151,068.00	529,945.29	1,606,287.48	14,835.23	78.78%
CD Dnlwtn Medians Ph I&II	AIO022	256,526.00	-	5,301.30	251,224.70	91.95%
CD Dnlwtn Medians Ph I&II	AIO022	850,000.00	-	-	850,000.00	2.07%
CD S.RidgewoodAve Irrgtn	AIO026	22,461.00	15,741.80	6,718.60	0.60	0.00%
CD S.RidgewoodAveLandscpe	AIO027	112,672.00	75,021.06	37,649.14	1.80	
CD S.RidgewoodAveLandscpe	AIO027	409,280.00	181,166.65	11,367.35	216,746.00	
CD Landscape Imprv I-95	AIO032	63,704.00	-	-	63,704.00	
CD Riverwalk South Phase	AIO034	100,000.00	-	-	100,000.00	
LE Evidence Rm A/C Mitgtn	CIP011	213,200.00	10,659.40	2,402.00	200,138.60	100.00%
LE Chillers at PoliceDept	CIP012	192,811.00	-	192,811.00	-	96.45%
LE PUB SAFETY TRAIN FACIL	CNE009	800,000.00	-	-	800,000.00	47.04%
F Fitness Room Equipment	FIR020	20,000.00	8,998.00	10,689.00	313.00	0.00%
P CityHallHVAC ContrlrRpl	OBM008	220,000.00	23,582.80	12,484.20	183,933.00	26.97%
P Ext Repairs PW Facility	OBM012	150,000.00	12,760.00	20,551.80	116,688.20	0.00%
P Pave CityCtrAthlComplex	POL045	71,000.00	-	-	71,000.00	44.99%
R Coraci Athl Compl PHIV	QPC061	-	789.21	-	(789.21)	13.21%
R Causeway Dock Refurbish	QPC062	950,136.00	511,751.21	403,877.73	34,507.06	10.74%
R Causeway Dock Refurbish	QPC062	250,000.00	228,725.63	21,274.37	-	0.00%
R Fence,Dugout,Bkstp Rplc	QPC067	60,000.00	-	-	60,000.00	0.00%
R Lakeside HVAC Rplcmnt	QPC073	48,524.00	6,384.70	-	42,139.30	91.78%
R Playground Replacements	QPC074	88,559.00	81,780.24	-	6,778.76	0.00%
R Gym Floor Replacement	QPC079	96,400.00	1,989.99	71,379.00	23,031.01	13.16%
R North Pier-CausewayDock	QPC081	200,000.00	-	-	200,000.00	92.35%
R North Pier-CausewayDock	QPC081	200,000.00	-	-	200,000.00	0.00%
R Gym/Comm Ctr Reno.	QPC082	6,600.00	-	-	6,600.00	0.00%
CM CITY TELEVISION STA	ZMI003	3,079.00	3,077.50	-	1.50	99.95%
CD City Hall Repurposing	ZMI065	28,625.00	-	1,375.00	27,250.00	0.00%
IT City Hall DataCntrReno	ZMI066	17,328.00	-	12,881.00	4,447.00	0.00%
Total for 317 General Capital Fund:		**7,675,577.00**	**1,785,977.06**	**2,417,048.97**	**3,472,550.97**	**54.76%**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201686

Project Name: Recreational Educational Cultural (REC) Center Remodel and Expansion
Project Manager: Susan L. Lovallo
Department: Parks & Recreation
Original Plan Date: 02/01/15
Location: Port Orange Gym
Concurrency Requirement:
Goal / Objective: Goal 3 Objective 1
Priority II: **ESSENTIAL** (*Should Do*)

DESCRIPTION / JUSTIFICATION:

The Gym building is currently 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 and staff is recommending that the building is repurposed as a Recreational, Cultural and Educational Center and the admin offices relocated. The remodel of the second floor will include dance/exercise room, new restrooms and ADA access. The first floor would have renovated restrooms, a youth activity room and meeting space. The City will complete a limited design in FY18 in order to apply for ECHO funding in FY19. If the grant funding is approved the City will be responsible for funding 100% of the design cost and 50% of the construction cost.

Estimate provided by the Facility Manager is:

Engineering	$	80,000
Construction		720,000
Inspections		30,000
Contingency		80,000
Total Renovation:	**$**	**910,000**

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	80,000	-	-	-	-	-	80,000
Construction	-	830,000	-	-	-	-	-	830,000
Equipment	-	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**-**	**910,000**	**-**	**-**	**-**	**-**	**-**	**910,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Operating - Recreation 001	-	-	-	-	-	-	-	-
General Capital Fund 317 - Funded	-	510,000	-	-	-	-	-	510,000
General Capital Fund 317 - Unfunded	-	-	-	-	-	-	-	-
Grants / Bonds	-	400,000	-	-	-	-	-	400,000
TOTAL PROJECT REVENUE	**-**	**910,000**	**-**	**-**	**-**	**-**	**-**	**910,000**

OPERATIONAL IMPACT

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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Fund (001)	**-**	**-**	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201963

PROJECT NAME:	ADA Transition Plan	**Project Manager:**	CD Engineer
DEPARTMENT:	Community Development	**Original Plan Date:**	March 2, 2018
LOCATION:	N/A	**Concurrency Requirement:**	No

Goal / Objective: Goal 3 — Priority **I :** **IMPERATIVE** *(Must-Do)*

DESCRIPTION/JUSTIFICATION:

The Americans with Disabilities Act (ADA) is a civil rights law that mandates equal opportunity for individuals with disabilities. The ADA prohibits discrimination in access to jobs, public accommodations, government services, public transportation, and telecommunications. Title II of the ADA also requires that all programs, services, and activities (PSAs) of public entities provide equal access for individuals with disabilities. Title II has the broadest impact on the City. Included in Title II are administrative requirements for all government entities employing more than 50 people. These administrative requirements are: Completion of a Self-Evaluation; Development of an ADA complaint procedure; Designation of at least one person who is responsible for overseeing Title II compliance; and Development of a Transition plan to schedule the removal of barriers uncovered by the Self-Evaluation process. The Transition Plan will become a working document until all barriers have been addressed. Community Development will be touching base with TPO to determine if there is available funding.

Phase 1 of the Transition Plan will focus on the evaluation and modification of facilities within the public rights-of way to improve accessibility. Phase 2 of the Transition Plan will focus on the evaluation and modification of City programs, services, activities, and facilities.

The ADA Transition Plan will guide the planning and implementation of necessary program and facility modifications over the next 10 years.

Component	Total Cost	City %	Total City $	TPO $
Phase 1	$ 200,000	100%	$ 200,000	$ -
Phase 2	200,000	100%	200,000	-
Total Proj. Cost:	**$ 400,000**		**$ 400,000**	**$ -**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Phase 1	-	200,000	-	-	-	-	-	200,000
Phase 2	-	-	200,000	-	-	-	-	200,000
TOTAL PROJECT COSTS	**-**	**200,000**	**200,000**	**-**	**-**	**-**	**-**	**400,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Transportation Impact Fee Fund 312	-	-	-	-	-	-	-	-
Water & Sewer Fund 401	-	-	-	-	-	-	-	-
Drainage Const Operating Fund 412		-	-					-
General Capital Fund 317	-	-	-	-	-	-	-	-
General Capital Fund 317-Unfunded	-	200,000	200,000	-	-	-	-	400,000
TOTAL PROJECT REVENUE	**-**	**200,000**	**200,000**	**-**	**-**	**-**	**-**	**400,000**

OPERATIONAL IMPACT

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Fund - (001)	**-**	**-**	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**		**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201687

Project Name:	Lakeside Facility HVAC Replacement	**Project Manager:**	Susan L. Lovallo
Department:	Parks & Recreation	**Original Plan Date:**	02/16/16
Location:	Lakeside Community Center	**Concurrency Requirement:**	

Goal / Objective: Goal 2 Objective 1 — **Priority 1**: **IMPERATIVE** (Must-Do)

DESCRIPTION / JUSTIFICATION:

The Lakeside HVAC is 11 years old and is in need to be replaced. The current units were modified to reduce noise and that modification has caused some fresh air intake issues causing moisture in the ceiling. The two units will be removed and replaced with a 20 ton unit.

Component	Total Cost
Eng & Planning	$ 35,000
Construction	321,811
Contingency (10%)	32,181
Total Prj. Cost	**$ 388,992**

Note: This is project **QPC073** and we have budgeted $54,000 in FY17. Currently the project has a balance of $47,672.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	35,000	-	-	-	-	-	-	35,000
Construction	19,000	335,000	-	-	-	-	-	354,000
Equipment	-	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**54,000**	**335,000**	**-**	**-**	**-**	**-**	**-**	**389,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Operating - Recreation 001	-	-	-	-	-	-	-	-
Recreation Impact Fee Fund 611	-	-	-	-	-	-	-	-
General Capital Fund 317 - Funded	54,000	-	-	-	-	-	-	54,000
General Capital Fund 317 - Unfunded	-	335,000	-	-	-	-	-	335,000
TOTAL PROJECT REVENUE	**54,000**	**335,000**	**-**	**-**	**-**	**-**	**-**	**389,000**

OPERATIONAL IMPACT

No additional operating costs are projected with this project.

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Fund (001)	**-**	**-**	-	-	-	-	-	-
	-	**-**	-	-	-	-		-
Total	**-**	**-**	**-**	**-**	**-**	**-**		**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201545
AIO034

Project Name:	Riverwalk Park-South Phase	**Project Manager:**	Margaret Tomlinson
Department:	Community Development	**Original Plan Date:**	February 25, 2014
Location:	Dunlawton Avenue to North City Limits	**Concurrency Requirement:**	No
Goal / Objective:	Goal 3 Objective 3	**Priority II:**	ESSENTIAL (Should-Do)

DESCRIPTION/JUSTIFICATION:

The City Council and Town Center CRA have placed a priority on completion of the public park at Riverwalk. The park is comprised of three distinct sections. The North section includes the kayak/canoe launch which was completed in 2016. The remainder of the North section which includes a splash pad, playground, event lawn and riverfront promenade will be completed in 2017. The North section of the park was funded with a combination of proceeds of Bond Refinancing ($3.01M), approximately $1M in Grants, and the City funding any shortfall. The Central section will be built by private developers in 2019. The design of the South section was funded in FY18, but reallocated to another project. Conceptually it is envisioned as a linear park along the existing alignment of Halifax Drive linking the other two sections to Dunlawton Avenue. The multi-use trail portion of the south section of Riverwalk is proposed to be designed and constructed as part of the FDOT 12.5-mile multi-use trail project (see project 201749 for more information). Other features that are contemplated include volleyball courts, a building for park staffing and maintenance, additional parking, living shorelines and a boardwalk over the water.

Phase - South

Component	Cost
Engr & Plan:	$ 100,000
Construction:	1,500,000
Total Cost:	**$ 1,600,000**

Note: Project AIO034 was established in FY18 with a budget of $100,000 in the General Capital Repl Fund 317 to fund Engineering and Planning of Phase - South.

FIND, ECHO, FRDAP, TPO and other grants will be sought for construction. Grant funds will be sought for the Southern Phase.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	100,000	-	-	-	-	-	-	100,000
Construction	-	-	1,500,000	-	-	-	-	1,500,000
TOTAL PROJECT COSTS	**100,000**	**-**	**1,500,000**	**-**	**-**	**-**	**-**	**1,600,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Grants (FIND, ECHO, etc.)	-	-	-	-	-	-	-	-
Proceeds from Bond Refinancing	-	-	-	-	-	-	-	-
General Capital Rplcmnt Fund 317	100,000	-	-	-	-	-	-	100,000
General Capital Fund - 317 Unfunded	-	-	1,500,000	-	-	-	-	1,500,000
TOTAL PROJECT REVENUE	**100,000**	**-**	**1,500,000**	**-**	**-**	**-**	**-**	**1,600,000**

OPERATIONAL IMPACT

Once the South Phase is constructed it will be maintained by the City. Parks & Rec. will need to hire additional staff to operate and maintain the park including two (2) full time Maintenance Workers, one (1) full time Recreation Coordinator and one (1) part time Custodian. The same crew will maintain Halifax Linear Park and the Pedestrian Bridge over Dunlawton Ave. (please see prj. 201749 and 201859).

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Additional Revenues								
Charges for Services	-	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-	-
Less Additional Expenditures								
New Personnel	-	-	138,000	138,000	138,000	138,000	138,000	690,000
Maintenance and Other Operating	-	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**138,000**	**138,000**	**138,000**	**138,000**	**138,000**	**690,000**

FUNDING SOURCES	-		FY20	FY21	FY22	FY23	FY24	TOTAL
General Fund - (001)	-	-	138,000	138,000	138,000	138,000	138,000	690,000
			-	-	-	-	-	-
Total	**-**	**-**	**138,000**	**138,000**	**138,000**	**138,000**	**138,000**	**690,000**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 430102A

PROJECT NAME	Resurface Parking Lots - City Parks	**Project Manager:**	Buttrum/Dixon
DEPARTMENT	Public Works	**Original Plan Date:**	February 28, 2000
LOCATION	Various Locations	**Concurrency Requirement:**	N/A
Goal / Objective:	Goal 2 Objective 2	**Priority II:**	**ESSENTIAL** (Should-Do)

DESCRIPTION/JUSTIFICATION:

PROGRAM	PROJECT NO	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Causeway Park	NEW PRJ #	-	155,406	-	-	-	-	-	155,406
Willow Run Park	NEW PRJ #	-	-	38,634	-	-	-	-	38,634
All Childrens Park	NEW PRJ #	-	-	-	39,030	-	-	-	39,030
		-	**155,406**	**38,634**	**39,030**	**-**	**-**	**-**	**233,070**

Ongoing maintenance of City parking lots to maintain public safety

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	143,757	34,385	33,939	-	-	-	212,081
Striping / Retro-Reflective Markers	-	11,649	4,249	5,091	-	-	-	20,989
TOTAL PROJECT COSTS	**-**	**155,406**	**38,634**	**39,030**	**-**	**-**	**-**	**233,070**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Capital Projects Fund 301 - (not eligible)	-	-	-	-	-	-	-	-
YMCA R&R Fund 106	-	-	-	-	-	-	-	-
General Capital Fund 317 - Unfunded	-	155,406	38,634	39,030	-	-	-	233,070
TOTAL PROJECT REVENUE	**-**	**155,406**	**38,634**	**39,030**	**-**	**-**	**-**	**233,070**

OPERATIONAL IMPACT

None - work to be performed by contractors.

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Fund - (001)	**-**	**-**	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 430102B

PROJECT NAME	Resurface Parking Lots - City Facilities	**Project Manager:**	Buttrum/Dixon
DEPARTMENT	Public Works	**Original Plan Date:**	February 28, 2000
LOCATION	Various Locations	**Concurrency Requirement:**	N/A

Goal / Objective: Goal 2 Objective 2 **Priority II:** **ESSENTIAL** (Should-Do)

DESCRIPTION/JUSTIFICATION:

PROGRAM	PROJECT NO	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Athletic Complex	POL045	71,000	-	-	-	-	-	-	71,000
Fire Station No 72	NEW PRJ #	-	-	-	-	-	22,369	-	22,369
		71,000	**-**	**-**	**-**	**-**	**22,369**	**-**	**93,369**

Note: Athletic Complex Parking Lot Paving (**Project POL045**) was funded in FY2018.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	63,000	-	-	-	-	19,450	-	82,450
Striping / Retro-Reflective Markers	8,000	-	-	-	-	2,919	-	10,919
TOTAL PROJECT COSTS	**71,000**	**-**	**-**	**-**	**-**	**22,369**	**-**	**93,369**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Capital Fund 317 - Funded	71,000	-	-	-	-	-	-	71,000
Capital Projects Fund 301 - (not eligible)	-	-	-	-	-	-	-	-
YMCA R&R Fund 106	-	-	-	-	-	-	-	-
General Capital Fund 317 - Unfunded	-	-	-	-	-	22,369	-	22,369
TOTAL PROJECT REVENUE	**71,000**	**-**	**-**	**-**	**-**	**22,369**	**-**	**93,369**

OPERATIONAL IMPACT

None - work to be performed by contractors.

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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 4 — **Priority II**: **ESSENTIAL** (*Should Do*)

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. $25.00 per square foot = $125,000 concrete slab 6,000 sq. feet at $5.00 per square foot = 30,000, electrical/HVAC to building $30,000, $19,300 contingency (10%), 35,000 for construction inspections and management, plus permits. There is already electrical on site from the old trailer. This is important for the security and integrity of equipment and supplies.

Item	Size	Unit Cost	Total Cost	
Aluminum Building	5,000 sq. ft.	$ 25.00	$ 125,000	Construction
Concrete Slab	6000 sq ft	$ 5.00	30,000	Construction
Electrical to Building			30,000	Construction
Landscaping			8,000	Construction
10% Contingency for Construction			19,300	Construction
Construction Inspections & Mgmt., Permits			35,000	Engr. & Planning
		Total Estimated Cost:	**$ 247,300**	

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Engineering & Planning	-	35,000	-	-	-	-	-	35,000
Construction	-	-	212,300	-	-	-	-	212,300
Equipment	-	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**-**	**35,000**	**212,300**	**-**	**-**	**-**	**-**	**247,300**

SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Operating - Recreation 001	-	-	-	-	-	-	-	-
General Capital Fund 317	-	-	-	-	-	-	-	-
Recreation Impact Fee Fund 611	-	-	-	-	-	-	-	-
General Capital Fund 317 - Unfunded	-	35,000	212,300	-	-	-	-	247,300
TOTAL PROJECT REVENUE	**-**	**35,000**	**212,300**	**-**	**-**	**-**	**-**	**247,300**

OPERATIONAL IMPACT

May be additional cost in transfer fund for utilities.

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Fund (001)	**-**	**-**	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201754

Project Name:	Work Shop	**Project Manager:**	Bobby Bryant
Department:	Public Works	**Original Plan Date:**	
Location:	Public Works	**Concurrency Requirement:**	
Goal / Objective:	**Goal 2, Objective 2**		**Priority II: ESSENTIAL** *(Should-Do)*

DESCRIPTION / JUSTIFICATION:

Replace existing 30x30 wood frame building with masonry. The currently building has deteriorated beyond repair.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Engineering & Planning	-	3,000	-	-	-	-	-	3,000
Construction	-	60,500	-	-	-	-	-	60,500
	-	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**-**	**63,500**	**-**	**-**	**-**	**-**	**-**	**63,500**

PROPOSED SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Fund - (001)	**-**	**-**	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201949

Project Name:	Gear Extractor and Dryers	**Project Manager:**	Ken Fustin
Department:	Fire Rescue	**Original Plan Date:**	
Location:	Fire Stations	**Concurrency Requirement:**	
Goal / Objective:	Goal 01 Objective 02	**Priority II :**	**ESSENTIAL** *(Should-Do)*

DESCRIPTION / JUSTIFICATION:

Currently the department has four gear extractors to clean bunker gear in accordance with NFPA standards. This CIP would allow for all stations to have a gear extractor and additionally provide three gear dryers for the department. The current process for cleaning gear takes about two days due to the lack of dryers. The addition of the dryers would allow same day turn around for gear cleaning which would increase efficiency and reduce costs for our pool gear.

We are looking at getting 1 gear extractor and 3 drying racks to significantly decrease our turnaround time for gear cleaning. The purchase of the gear extractor will allow us to have gear washers in all fire stations. The gear driers will be strategically placed at the fire station, most likely based on call volume. Probably stations 71, 73 and 75 would house the drying racks systems.

The list price for an extractor is approximately $10,170 and this would be for FS73.
The list price for the Gear Dryers is approximately $11,000 - $12,000 apiece.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-
Equipment	-	44,000	-	-	-	-	-	44,000
TOTAL PROJECT COSTS	**-**	**44,000**	**-**	**-**	**-**	**-**	**-**	**44,000**
SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Capital Rplcmnt Fund 317	-	-	-	-	-	-	-	-
Fire Impact Fee Fund 311	-	-	-	-	-	-	-	-
Lease & Replacement Fund 505	-	-	-	-	-	-	-	-
General Capital Fund 317-Unfunded	-	44,000	-	-	-	-	-	44,000
TOTAL PROJECT REVENUE	**-**	**44,000**	**-**	**-**	**-**	**-**	**-**	**44,000**

OPERATIONAL IMPACT

Operating cost for parts and repair is expected and will be budgeted in FY20 after the one year warranty expires.

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Operating - Fire 001	-	-	500	500	500	500	500	2,500
Total	**-**	**-**	**500**	**500**	**500**	**500**	**500**	**2,500**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201958
NEW

PROJECT NAME:	Public Works Facility Paving	**Project Manager:**	Buttrum
DEPARTMENT:	Public Works	**Original Plan Date:**	March 1, 2018
LOCATION:	Virgina Avenue	**Concurrency Requirement:**	

Goal / Objective: **Goal 2 Objective 2** **Priority I:** IMPERATIVE (Must-Do)

DESCRIPTION/JUSTIFICATION:

The Public Works Facility is in need of paving. This project will consist of complete removal of the current ashphalt.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Engineering & Planning	-	-	-	-	-	-	-	-
Construction	-	70,000	-	-	-	-	-	70,000
TOTAL PROJECT COSTS	**-**	**70,000**	**-**	**-**	**-**	**-**	**-**	**70,000**

PROPOSED SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Capital Projects Fund 301 - Gas Tax	-	-	-	-	-	-	-	-
General Capital Fund 317 - Funded	-	-	-	-	-	-	-	-
General Capital Fund 317 - Unfunded	-	70,000	-	-	-	-	-	70,000
TOTAL PROJECT REVENUE	**-**	**70,000**	**-**	**-**	**-**	**-**	**-**	**70,000**

OPERATIONAL IMPACT

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Fund - (001)	**-**	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

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 4 **Priority I** : **IMPERATIVE** (*Must-Do*)

DESCRIPTION/JUSTIFICATION:

The fence, dugouts and backstops on our competition athletic fields are aging and need to be replaced. The mesh on the south field has been piecemealed together and cannot take any more patches. The top rail and posts are rusting causing the fence to lean.

Complex	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	Total
1. Spruce Creek Road Park								
Tennis Courts-Mesh Only (6)	24,400	-	-	-	-	-	-	24,400
Softball Field (1)	60,000	-	-	-	-	-	-	60,000
Sets of Dugouts (2)	-	-	140,000	140,000	-			280,000
(Lemerand Field & South Field)	-	-	-	-	-	-	-	-
2 Southwinds Soccer Fields (Fencing)	-	65,000	-		-	-	-	65,000
Total:	**84,400**	**65,000**	**140,000**	**140,000**	-	-	-	**429,400**

Note: Project **QPC067** currently has a budget of $60,000 for the softball field at Spruce Creek Park.
In FY19 the Department is requesting $65,000 for the fencing at Southwinds Soccer Fields.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	6,000	5,000	21,000	21,000	-	-	-	53,000
Construction	78,400	60,000	119,000	119,000	-	-	-	376,400
Equipment	-	-	-		-	-	-	-
TOTAL PROJECT COSTS	**84,400**	**65,000**	**140,000**	**140,000**	**-**	**-**	**-**	**429,400**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Operating - Recreation (001)	-	-	-	-	-	-	-	-
General Capital Fund 317 - Funded	84,400	-	-	-	-	-	-	84,400
General Capital Fund 317 - Unfunded		65,000	140,000	140,000	-	-	-	345,000
TOTAL PROJECT REVENUE	**84,400**	**65,000**	**140,000**	**140,000**	**-**	**-**	**-**	**429,400**

OPERATIONAL IMPACT

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

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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:	Airport Road Park	**Concurrency Requirement:**	No

Goal / Objective: **Goal 2 Objective 4** **Priority I** : **IMPERATIVE** (*Must-Do*)

DESCRIPTION / JUSTIFICATION:

The playground at Airport Road is 19 years old and in need of replacement. The playground is 5,966 sq. feet. ECHO grant funding is available for this project.

Note: This is a recurring project (**QPC074)** and currently has a budget balance of $19,748, budgeted in General Fund 001 and General Capital replacement Fund 317. In FY18 the Department is replacing the small playground at Spruce Creek Park (SCRP) that has met its life expectancy of 20 years.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Engineering & Planning	-	43,750	-	-	-	-	-	43,750
Construction	-	-	347,500	-	-	-	-	347,500
Equipment	115,000	-	-	-	-	-	-	115,000
TOTAL PROJECT COSTS	**115,000**	**43,750**	**347,500**	**-**	**-**	**-**	**-**	**506,250**

PROPOSED SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Operating - Recreation 001	10,000	-	-	-	-	-	-	10,000
Recreation Impact Fee Fund 611	-	-	-	-	-	-	-	-
General Capital Fund 317 - Funded	105,000	-	-	-	-	-	-	105,000
General Capital Fund 317 - Unfunded		43,750	173,750					217,500
ECHO Grant	-	-	173,750	-	-	-	-	173,750
TOTAL PROJECT REVENUE	**115,000**	**43,750**	**347,500**	**-**	**-**	**-**	**-**	**506,250**

OPERATIONAL IMPACT

No additional operating costs are projected with this project.

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Fund (001)	**-**	**-**	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**		**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201750

Project Name:	PW Administration Building Interior Renovation	**Project Manager:**	Buttrum/Flagg
Department:	Public Works	**Original Plan Date:**	
Location:	Public Works Administration Building	**Concurrency Requirement:**	
Goal / Objective:	**Goal 2 Objective 2**		**Priority II: ESSENTIAL** *(Should-Do)*

DESCRIPTION / JUSTIFICATION:

Public Works Administration building is over 30 years old. No major renovations have be performed. The exterior and roof were repaired in FY18. The roof leaks have resulted in significant moisture retainage inside the building resulting in mold inside the ceiling panels and air conditioning ductwork. In addition, the proposed renovation would reallocate workspaces for improved efficiency. The project includes interior demolition, dry-wall, electrical, ceilings, plumbing, mechanical work/design, painting, and flooring.

Note: This is project **OBM012** and $150,000 was funded during FY17 from identified surplus for exterior renovation.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Engineering	-	28,150	-	-	-	-	-	28,150
Construction	150,000	300,000	-	-	-	-	-	450,000
								-
								-
TOTAL PROJECT COSTS	**150,000**	**328,150**	**-**	**-**	**-**	**-**	**-**	**478,150**

PROPOSED SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Capital Projects Fund 301 - Gas Tax	-	-	-	-	-	-	-	-
General Capital Fund 317 - Funded	150,000	-	-	-	-	-	-	150,000
General Capital Fund 317 - Unfunded	-	328,150	-	-	-	-	-	328,150
TOTAL PROJECT REVENUE	**150,000**	**328,150**	**-**	**-**	**-**	**-**	**-**	**478,150**

OPERATIONAL IMPACT

Continuous maintenance program. Additional operating costs are not expected as a result of this project.

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**		**TOTAL**
General Fund - (001)	**-**	**-**	-	-	-	-		-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

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 6 Objective 2 **Priority I** : IMPERATIVE (Must-Do)

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. Lights will be replaced with LED.

City Center	Material Costs	Labor Costs	Total	Priority	Schedule
Ball Fields 1, 2, 3	$ 227,500	$ 104,000	$ 331,500	1	FY19
Ball Fields 4, 5	91,000	68,900	159,900	2	FY20
2 Soccer Fields	123,500	68,900	192,400	3	FY21

Spruce Creek Road Park	Cost	Labor Costs	Total	Priority	Schedule
1 Ball Field	$ 45,500	$ 34,450	$ 79,950	2	FY20
	$ 487,500	**$ 276,250**	**$ 763,750**		

Staff is researching paying for re lamping on savings in energy costs and grants from utility companies. FPL has also indicated that funding could be available from them for the replacement of these lamps.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	-	-	-	-	-	-	-
Construction	-	331,500	239,850	192,400		-	-	763,750
Equipment	-	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**-**	**331,500**	**239,850**	**192,400**	**-**	**-**	**-**	**763,750**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Fund - Recreation 001	-	-	-	-	-	-	-	-
General Capital Fund 317 - Funded	-	-	-	-	-	-	-	-
Recreation Impact Fee Fund 611	-	-	-	-	-	-	-	-
General Capital Fund 317 - Unfunded	-	331,500	239,850	192,400	-	-	-	763,750
TOTAL PROJECT REVENUE	**-**	**331,500**	**239,850**	**192,400**	**-**	**-**	**-**	**763,750**

OPERATIONAL IMPACT

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

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Fund - (001)	**-**	**-**	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201957

NEW

PROJECT NAME:	Public Works Fence Replacement	**Project Manager:**	Buttrum
DEPARTMENT:	Public Works	**Original Plan Date:**	March 1, 2018
LOCATION:	Virgina Avenue	**Concurrency Requirement:**	

Goal / Objective: **Goal 2 Objective 2** **Priority I**: IMPERATIVE (Must-Do)

DESCRIPTION/JUSTIFICATION:

The Public Works fencing that is located on the West side of the facility has degenorated over the years and is in need of repairs.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Engineering & Planning	-	-	-	-	-	-	-	-
Construction	-	50,000	-	-	-	-	-	50,000
TOTAL PROJECT COSTS	**-**	**50,000**	**-**	**-**	**-**	**-**	**-**	**50,000**

PROPOSED SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Capital Projects Fund 301 - Gas Tax	-	-	-	-	-	-	-	-
General Capital Fund 317 - Funded	-	-	-	-	-	-	-	-
General Capital Fund 317 - Unfunded	-	50,000	-	-	-	-	-	50,000
TOTAL PROJECT REVENUE	**-**	**50,000**	**-**	**-**	**-**	**-**	**-**	**50,000**

OPERATIONAL IMPACT

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Fund - (001)	**-**	-	-	-	-	-	-	-
	-	**-**	-	-	-	-		-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201753
Mvd from Cd to PW

PROJECT NAME:	City Hall Repurposing	**Project Manager:**	
DEPARTMENT:	Public Works	**Original Plan Date:**	
LOCATION:	City Hall	**Concurrency Requirement:**	

Goal / Objective: Goal 2 Objectives 2 **Priority I: IMPERATIVE** *(Must-Do)*

DESCRIPTION/JUSTIFICATION:

This project is proposed in connection with the repurposing of the former Police Station. Office Space vacated in City Hall will need interior remodeling to serve new purposes and accommodate current staff at City Hall. Preliminary designs have not yet been developed and will be needed to estimate construction costs and options.

Note: This is **project ZMI065** and $30,000 was funded in FY17 for Engineering and Planning in General Capital Fund 317

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	30,000	25,000	-	-	-	-	-	55,000
Construction	-	250,000	-	-	-	-	-	250,000
TOTAL PROJECT COSTS	**30,000**	**275,000**	**-**	**-**	**-**	**-**	**-**	**305,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Capital Projects Fund 301 - Gas Tax	-	-	-	-	-	-	-	-
General Capital Fund 317 - Funded	30,000	-	-	-	-	-	-	30,000
General Capital Fund 317 - Unfunded	-	275,000	-	-	-	-	-	275,000
TOTAL PROJECT REVENUE	**30,000**	**275,000**	**-**	**-**	**-**	**-**	**-**	**305,000**

OPERATIONAL IMPACT

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Fund - (001)	**-**	**-**	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**		**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201698

PROJECT NAME:	City Hall Building HVAC	**Project Manager:**	Buttrum
DEPARTMENT:	Public Works	**Original Plan Date:**	
LOCATION:	City Hall	**Concurrency Requirement:**	

Goal / Objective: Goal 2 Objectives 2 **Priority I: IMPERATIVE** *(Must-Do)*

DESCRIPTION/JUSTIFICATION:

The City Hall HVAC duct work, dampeners, and control system is not operating properly. In fact, many components are obsolete and cannot be repaired. The duct work and controls are original to the building construction. This project will also include light sensors.

Note: This is **project OBM008** and funds were allocated in FY17, but insufficient to complete the project. The design was completed in FY2018.

This work will require installation of light sensors in accordance with new building codes. The project is estimated to cost $350,000.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	10,000	-	-	-	-	-	-	10,000
Construction	210,000	200,000	-	-	-	-	-	410,000
TOTAL PROJECT COSTS	**220,000**	**200,000**	**-**	**-**	**-**	**-**	**-**	**420,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Capital Projects Fund 301 - Gas Tax	-	-	-	-	-	-	-	-
General Capital Fund 317 - Funded	220,000	-	-	-	-	-	-	220,000
General Capital Fund 317 - Unfunded	-	200,000	-	-	-	-	-	200,000
			-	-	-	-	-	-
TOTAL PROJECT REVENUE	**220,000**	**200,000**	**-**	**-**	**-**	**-**	**-**	**420,000**

OPERATIONAL IMPACT

This project will save in monthly electrical costs due to savings from wasted/inefficient AC and lighting.

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Fund - (001)	**-**	**-**	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**		**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201648
AIO032

Project Name:	Beautification of I-95 Interchange	**Project Manager:**	Margaret Tomlinson
Department:	Community Development	**Original Plan Date:**	Feb. 2015
Location:	Dunlawton/Taylor Rd. and I-95	**Concurrency Requirement:**	No
Goal / Objective:	Goal 3 Objective 4	**Priority II**:	ESSENTIAL (Should-Do)

DESCRIPTION/JUSTIFICATION:

Beautification of transportation corridors falls under Goal 3, Objective 4 (Quality of 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. The interchange was reconstructed with the I-95 widening project. FDOT has contracted with Kimley-Horn for design of landscaping for the I-95 corridor and will pay for construction and maintenance. The landscaping is anticipated to be installed in 2019.

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

Component	Total Cost $
Signage Engr & Plan:	63,704
CEI:	48,000
Signage(Dunlawton and I-95) Construction:	450,000
Total Proj Cost:	**$ 561,704**

Note: Project AIO032 currently has a budget of $63,704 for Engineering and Planning.
The application made for FDOT Landscape Discretionary funding for construction has been approved at $500,000.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Engineering & Planning	63,704	-	-	-	-	-	-	63,704
CEI	-	48,000	-	-	-	-	-	48,000
Construction	-	450,000	-	-	-	-	-	450,000
	-						-	-
							-	
TOTAL PROJECT COSTS	**63,704**	**498,000**	**-**	**-**	**-**	**-**	**-**	**561,704**

PROPOSED SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Capital Rplcmnt Fund 317	63,704		-	-	-	-	-	63,704
General Capital Fund - 317 Unfunded	-	498,000	-	-	-	-		498,000
FDOT Landscape Discretionary Grant	-	-	-	-	-	-		-
TOTAL PROJECT REVENUE	**63,704**	**498,000**	**-**	**-**	**-**	**-**	**-**	**561,704**

OPERATIONAL IMPACT

Once installed, the signage and associated lighting will be maintained by the City. This will include cleaning, bulb replacement, re-painting and electrical costs which will have an impact on the operating budget.

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Additional Revenues								
Charges for Services	-	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-	-
Less Additional Expenditures								
New Personnel	-		-	-	-	-	-	-
Maintenance and Other Operating	-		3,600	3,600	3,600	3,600	3,600	18,000
Non Operating (Debt Service)			-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**3,600**	**3,600**	**3,600**	**3,600**	**3,600**	**18,000**
	-							

FUNDING SOURCES	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Fund - (001)	-	-	3,600	3,600	3,600	3,600	3,600	18,000
			-	-	-	-	-	-
Total	**-**	**-**	**3,600**	**3,600**	**3,600**	**3,600**	**3,600**	**18,000**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201751

Project Name:	WB Dunlawton Ave. 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		No

Goal / Objective: Goal 3 Objective 5 **Priority II**: ESSENTIAL (Should-Do)

DESCRIPTION/JUSTIFICATION:

This project consists of 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. Additional right-of-way is anticipated to 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 design and construction cost and the City will fund 10% of the project. The City will need to fund 100% of CEI. A feasibility study was completed in January 2017. FDOT funded 100% of the feasibility study and the City did not need to provide the typical 10% match. The project is now on the TPO's 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 City's local match for design and construction and 100% of CEI will be funded with restricted Gas Tax funds (Fund 301). The City's estimated cost for design, construction, and CEI is $87,100 and the TPO is estimated to spend $432,900 on design and consecution. The project will add roadway capacity at the intersection and reduce delays for westbound vehicles turning right.

Component	Total Cost	City %	Total City $	TPO $
Feasibility Study:	$ 15,000	0%	$ -	$ 15,000
R/W Acquisition:	260,000	100%	260,000	-
Eng. & Design:	110,000	10%	11,000	99,000
Construction:	371,000	10%	37,100	333,900
CEI*:	50,000	100%	50,000	-
Total Proj. Cost:	**$ 806,000**		**$ 358,100**	**$ 447,900**

*CEI - Construction Engineering and Inspection (CEI) services are required by FDOT for contract administration, inspection, federal compliance oversight, and materials sampling and testing for the construction project.

Note: FDOT funded 100% of the Feasibility Study - $15,000 in FY17.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Feasibility Study	15,000	-	-	-	-	-	-	15,000
R/W Acquisition	-	260,000	-	-	-	-	-	260,000
Engineering & Planning	-	-	110,000	-	-	-	-	110,000
CEI	-	-	-	50,000	-	-	-	50,000
Construction	-	-	-	371,000	-	-	-	371,000
TOTAL PROJECT COSTS	**15,000**	**260,000**	**110,000**	**421,000**	**-**	**-**	**-**	**806,000**

PROPOSED SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Capital Rplcmnt Fund 317	-	-	-	-	-	-	-	-
Gas Tax Fund 301 (restricted funds)	-	-	11,000	87,100	-	-	-	98,100
General Capital Fund 317-Unfunded	-	260,000	-	-	-	-	-	260,000
TPO Funds	15,000	-	99,000	333,900	-	-	-	447,900
TOTAL PROJECT REVENUE	**15,000**	**260,000**	**110,000**	**421,000**	**-**	**-**	**-**	**806,000**

OPERATIONAL IMPACT

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

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Fund - (001)	**-**	**-**	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201948

Project Name:	Self Contained Breathing Apparatus Fill Station	**Project Manager:**	Ken Fustin
Department:	Fire Rescue	**Original Plan Date:**	
Location:	Fire Stations	**Concurrency Requirement:**	

Goal / Objective: Goal 01 Objective 02 **Priority II :** **ESSENTIAL** *(Should-Do)*

DESCRIPTION / JUSTIFICATION:

Our current Self Contained Breathing Apparatus (SCBA) fill station is located at station 72 and has been in-service since 2003. These machines have a life expectancy of 20 years that is dependent upon many factors including; amount of use, type of equipment, and storage location. The purpose of these SCBA fill stations is vital to the daily operations of the fire department by ensuring our breathing apparatus can be filled with quality air. The purchase of new fill station will ensure the fire departments operational readiness and continue to provide the department with a quality machine that meets national standards for air quality.

Note: In FY03, the SCBA Fill Station was purchased with FEMA Grant.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Engineering & Planning	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-
Equipment	-	-	-	-	45,000	-	-	45,000
TOTAL PROJECT COSTS	**-**	**-**	**-**	**-**	**45,000**	**-**	**-**	**45,000**

SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Capital Rplcmnt Fund 317	-	-	-	-	-	-	-	-
Fire Impact Fee Fund 311	-	-	-	-	-	-	-	-
Lease & Replacement Fund 505	-	-	-	-	-	-	-	-
General Capital Fund 317-Unfunded					45,000			45,000
TOTAL PROJECT REVENUE	**-**	**-**	**-**	**-**	**45,000**	**-**	**-**	**45,000**

OPERATIONAL IMPACT

Maintenance cost of $1,200 per year is expected for this equipment

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Additional Revenues								
Charges for Services	-	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-	-
Less Additional Expenditures								
New Personnel	-	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-		1,200	1,200	2,400
Non Operating (Debt Service)	-	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**-**	**1,200**	**1,200**	**2,400**

FUNDING SOURCES	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Operating - Fire 001	-	**-**	-	-		1,200	1,200	2,400
Total	**-**	**-**	**-**	**-**	**-**	**1,200**	**1,200**	**2,400**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201838

Project Name:	Training Facility/Tower	**Project Manager:**	Ken Fustin
Department:	Fire Rescue	**Original Plan Date:**	02/01/17
Location:	Fire Stations	**Concurrency Requirement:**	
Goal / Objective: Goal 1 Objective 2		**Priority I**:	IMPERATIVE (Must-Do)

DESCRIPTION / JUSTIFICATION:

Currently Fire Rescue does not have an easily accessible training ground available on a regular basis within the City Limits. Requesting to build a new training facility to include a burn building, smoke/high rise tower, and the installation of piping to carry LP gases, air, and water for simulated hazardous materials incidents. Facilities are also required to ensure personnel can meet the training requirements established by OSHA for confined space training. Renovations at the former facility, located at 5839 Trailwood Drive, have been proposed for many years. Due to Fire Station #72's relocation and subsequent use as a drainage/retention area, it is necessary to construct a new and possibly joint training facility. The requested funding is based on estimates from vendors and conversations with Fire professionals that are currently working on similar projects.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	75,000	-	-	-	-	-	75,000
Construction	-	-	1,325,000	-	-	-	-	1,325,000
Equipment	-	-	100,000	-	-	-	-	100,000
TOTAL PROJECT COSTS	**-**	**75,000**	**1,425,000**	**-**	**-**	**-**	**-**	**1,500,000**

SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Capital Rplcmnt Fund 317	-	-	-	-	-	-	-	
Fire Impact Fee Fund 311	-	75,000	403,000		-	-	-	478,000
General Capital Fund 317-Unfunded	-	-	522,000		-	-	-	522,000
Possible Funding from Other Cities	-	-	500,000					500,000
TOTAL PROJECT REVENUE	**-**	**75,000**	**1,425,000**	**-**	**-**	**-**	**-**	**1,500,000**

OPERATIONAL IMPACT

Additional annual operating costs will include general maintenance and repairs, utilities, insurance, and operating supplies. Some of these costs may be offset by new revenue generated from renting the training faculty to other agencies.

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Additional Revenues								
Charges for Services	-	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-	-
Less Additional Expenditures								
New Personnel	-	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	2,000	2,000	2,000	2,000	8,000
Non Operating (Debt Service)	-	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**2,000**	**2,000**	**2,000**	**2,000**	**8,000**

FUNDING SOURCES	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Fund 001	-	-	-	2,000	2,000	2,000	2,000	8,000
Total	**-**	**-**	**-**	**2,000**	**2,000**	**2,000**	**2,000**	**8,000**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201844

Project Name:	Addition to FS 71	**Project Manager:**	Ken Fustin
Department:	Fire Rescue	**Original Plan Date:**	02/07/17
Location:	Fire Stations	**Concurrency Requirement:**	
Goal / Objective:	Goal 1 Objective 2 & Goal 2 Objective 2	**Priority II**	ESSENTIAL (Should-Do)

DESCRIPTION / JUSTIFICATION:

Addition to Fire Station 71 to accommodate larger response vehicles. Per the City of Port Orange's building official, the apparatus bay at Station 71 is classified as S2 (low hazard storage) and would normally run approx. $78/sqft for NEW CONSTRUCTION. However, because there will be demolition and tying into our existing structure, he stated that the estimates will be closer to $155-185 per square foot, as he has seen this exact type of addition before. Therefore, to add an additional 1000 sqft onto Station 71 would be $155,000-185,000 for construction on the lower end, then adding electrical, new bay doors, engineer and planning, etc. This project will come in very close to the $350,000 that is currently being requested.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Engineering & Planning	-	-	-	50,000	-	-	-	50,000
Construction	-	-	-	-	300,000	-	-	300,000
Equipment	-	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**-**	**-**	**-**	**50,000**	**300,000**	**-**	**-**	**350,000**

SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Capital Rplcmnt Fund 317	-	-	-	-	-	-	-	-
Lease & Replacement Fund 505	-	-	-	-	-	-	-	-
General Capital Fund 317-Unfunded	-	-	-	50,000	300,000	-	-	350,000
TOTAL PROJECT REVENUE	**-**	**-**	**-**	**50,000**	**300,000**	**-**	**-**	**350,000**

OPERATIONAL IMPACT

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

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Fund 001	-	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**		**-**

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 Organizational Excellence / Objective 2		**Priority IV**:	DESIRABLE (Other Year)

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 an additional interactive touch screen, microphones with centralized sound and speakers, lecterns, 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:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	1,000	-	-	-	-	-	1,000
Construction	-	10,000	-	-	-	-	-	10,000
Equipment	-	10,000	-	-	-	-	-	10,000
TOTAL PROJECT COSTS	**-**	**21,000**	**-**	**-**	**-**	**-**	**-**	**21,000**

SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Information Technology Fund 501	-	-	-	-	-	-	-	-
Lease and Replacement Fund 505	-	-	-	-	-	-	-	-
General Capital Fund - 317 Unfunded	-	21,000	-	-	-	-	-	21,000
TOTAL PROJECT REVENUE	**-**	**21,000**	**-**	**-**	**-**	**-**	**-**	**21,000**

OPERATIONAL IMPACT

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

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Information Technology Fund (501)	**-**	**-**	-	-	-	-	-	-
	-	**-**	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**		**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201896

Project Name:	Amphitheater Seating Replacement	**Project Manager:**	Susan L. Lovallo
Department:	Parks & Recreation	**Original Plan Date:**	02/01/17
Location:	Amphitheater Seating Replacement	**Concurrency Requirement:**	no

Goal / Objective: **Goal 2 Objective 4** **Priority II**: **ESSENTIAL** (*Should Do*)

DESCRIPTION / JUSTIFICATION:

The stadium style seating in the amphitheater is 15 years old and replacement parts are hard to come by. This site is the focal point of most of our City events and staff is recommending that the seating be changed and shade structures be added to the site. Each time a seat must be replaced we have to wait until we have a minimum of $5,000 in repairs as it is the required company minimum for equipment to ship. The below costs were received from a quote. There are two options - replace fold down seats for a cost of $147,700 or replace with an aluminum bench style seat with back for a cost of $80,627. Adding a 10% markup for unforeseen costs to the budget. The shade structures quote for sporadic coverage is $ 150,000 and for full coverage is $275,000.

This could be a phased project with replacing the seating in year one, engineering for the shade in year two, and replacing the shade in year three. Staff believes the aluminum bench seats with back are our best return on investment.

Option I-Fold Down Seats / Full Cover	
Engineering & Planning	20,000
Equipment - Fold Down Seats	147,700
Equipment - Shade (Full Cover)	275,000
10% Contingency	42,270
Total:	**484,970**

Option II-Aluminum Bench / Sporadic Cover	
Engineering & Planning	20,000
Equipment - Bench style Seats	80,627
Equipment - Shade (Sporadic Cover)	150,000
10% Contingency	23,063
Total:	**273,690**

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Engineering & Planning	-	-	-	-	20,000	-	-	20,000
Construction	-	-	-	-	-	-	-	-
Equipment				88,690	-	165,000	-	253,690
TOTAL PROJECT COSTS	**-**	**-**	**-**	**88,690**	**20,000**	**165,000**	**-**	**273,690**

PROPOSED SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Operating - Recreation 001	-	-	-	-	-	-	-	-
Recreation Impact Fee Fund 611	-	-	-	-	-	-	-	-
General Capital Fund 317 - Funded	-	-	-	-	-	-	-	-
General Capital Fund 317 - Unfunded	-	-	-	88,690	20,000	165,000	-	273,690
TOTAL PROJECT REVENUE	**-**	**-**	**-**	**88,690**	**20,000**	**165,000**	**-**	**273,690**

OPERATIONAL IMPACT

No additional operating costs are projected with this project.

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Fund (001)	**-**	**-**	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**		**-**

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 3 Objective1** — **Priority III**: **IMPORTANT** (*Could do*)

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:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	-	-	17,550	-	-	-	17,550
Construction	-	-	-	195,000	-	-	-	195,000
Equipment	-	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**-**	**-**	**-**	**212,550**	**-**	**-**	**-**	**212,550**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Operating - Recreation 001	-	-	-	-	-	-	-	-
Recreation Impact Fee Fund 611	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-
General Capital Fund 317 - Unfunded	-	-	-	212,550	-	-	-	212,550
TOTAL PROJECT REVENUE	**-**	**-**	**-**	**212,550**	**-**	**-**	**-**	**212,550**

OPERATIONAL IMPACT

No additional operating costs are projected with this project.

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Fund (001)	**-**	**-**	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201756

PROJECT NAME:	City Center Complex Landscape Improvements	**Project Manager:**	Buttrum
DEPARTMENT:	Public Works	**Original Plan Date:**	
LOCATION:	City Hall	**Concurrency Requirement:**	

Goal / Objective: **Goal 2 Objective 2** **Priority III:** IMPORTANT (Could do)

DESCRIPTION/JUSTIFICATION:

Professional services for implementation of landscaping design at the City Center Complex. Services to include materials, installation, and repair / replace irrigation system. This project will improve landscape in high visible area and improve irrigation efficiency. Due to budget constraints, this project has been postponed from previous fiscal years.

Note: Project OMI030 was established in FY17 with a budget of $650,000 in the General Capital Fund 317. However due to a change of priorities the funding was reallocated to the US1 Landscape Improvement project and the Causeway Dock Refurbishment project.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	-	-	-	-	-	-	-
Construction	-	-	650,000	-	-	-	-	650,000
TOTAL PROJECT COSTS	**-**	**-**	**650,000**	**-**	**-**	**-**	**-**	**650,000**
PROPOSED SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Capital Projects Fund 301 - Gas Tax	-	-	-	-	-	-	-	-
General Capital Fund 317 - Funded	-	-	-	-	-	-	-	-
General Capital Fund 317 - Unfunded	-	-	650,000	-	-	-	-	650,000
	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**-**	**-**	**650,000**	**-**	**-**	**-**	**-**	**650,000**

OPERATIONAL IMPACT

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Additional Revenues								
Charges for Services	-	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-	-
Less Additional Expenditures								
New Personnel	-	-	-	-	-	-	-	-
Maintenance and Other Operating	-		105,000	105,000	105,000	105,000	105,000	525,000
Non Operating (Debt Service)	-	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**105,000**	**105,000**	**105,000**	**105,000**	**105,000**	**525,000**
FUNDING SOURCES	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Fund - (001)	**-**	-	105,000	105,000	105,000	105,000	105,000	525,000
	-	**-**	-	-	-	-	-	-
Total	**-**	**-**	**105,000**	**105,000**	**105,000**	**105,000**	**105,000**	**525,000**

Capital Improvement Program (CIP) FY19 - FY24

Summary by Funding Source

(in thousands)

Projects that are Funded - Continued:

Fund 401 Water & Sewer Operating

#	Project	Department	FY19	FY20	FY21	FY22	FY23	FY24	Total
028812	Water Treatment Plant - Water Supply Wells	Public Utilities	50	50	50	50	50	50	300
029408	Water System Replacements	Public Utilities	450	450	400	200	200	200	1,900
038825	Telemetry Instrument / Control System A through B	Public Utilities	180	180	180	180	180	180	1,080
038955	Utilities Mapping	Public Utilities	50	50	50	50	50	50	300
038964	WRF - R&R A through C	Public Utilities	200	-	-	-	-	-	200
049467	Sewer System Rehabilitation	Public Utilities	750	750	1,000	1,000	1,000	1,000	5,500
200304	Utility Coordination and Relocation	Public Utilities	-	25	25	25	25	25	125
200546	Meter Replacement Program A through B	Public Utilities	252	266	150	125	125	125	1,043
		Total Fund 401:	**1,932**	**1,771**	**1,855**	**1,630**	**1,630**	**1,630**	**10,448**

Revenue and Expense Projections by Fund

Water & Sewer R & R Fund 403	FY18	FY19	FY20	FY21	FY22	FY23	FY24
Revenues							
Actual thru 05/31/2018	1,693,936						
Remainder of FY18	833,333						
Grants							
Interest on Investments		5,000	5,000	5,000	5,000	5,000	5,000
Transfer from Water/Sewer Revenue	-	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000
Total Revenues:	**2,527,269**	**2,505,000**	**2,505,000**	**2,505,000**	**2,505,000**	**2,505,000**	**2,505,000**
Expenditures							
Actual thru 05/31/2018	581,858						
Remainder of FY18	4,688,137						
Remainder of FY18 - Contingency	170,253						
Encumbrances	1,358,670						
Operating Expenses - Fleet Transfers		319,194	314,250	260,477	237,691	249,705	250,540
		-	-	-	-	-	-
Capital Improvement Program (CIP)							
Production Well Replacement		-	250,000	250,000	250,000	250,000	-
Water System Replacements		-	300,000	50,000	200,000	200,000	300,000
Telemetry Instrument / Control System A through B		60,000	60,000	60,000	60,000	60,000	60,000
WRF - R&R A through C		150,000	885,000	900,000	925,000	950,000	500,000
WRF - Electric System Repair/Replacement		500,000	-	-	-	-	-
WRF - Operations Building Expansion		-	100,000	-	-	-	-
Generator Replacements		100,000	1,000,000	100,000	1,000,000	100,000	200,000
WTP - R & R - Equipment A through B		200,000	225,000	225,000	445,000	275,000	300,000
WTP - Raw Water Main Replacement		300,000	3,000,000	-	-	-	-
Replace Existing Lift Stations		200,000	200,000	200,000	360,000	360,000	360,000
Sewer System Rehab - Force Main River Crossing		300,000	-	-	-	-	-
Taylor Road Improvements		-	-	-	800,000	-	-
Total Expenditures:	**6,798,919**	**2,129,194**	**6,334,250**	**2,045,477**	**4,277,691**	**2,444,705**	**1,970,540**
Increase / (Decrease) per Fiscal Year:	(4,271,650)	375,806	(3,829,250)	459,523	(1,772,691)	60,295	534,460
Beginning Available Funds (Cash Reserves):	4,268,584	(3,066)	372,740	(3,456,510)	(2,996,987)	(4,769,678)	(4,709,383)
Ending Available Funds (Cash Reserves):	**(3,066)**	**372,740**	**(3,456,510)**	**(2,996,987)**	**(4,769,678)**	**(4,709,383)**	**(4,174,923)**

Committed FY18 W/S R&R Fund Projects as of 05/31/18

PROJECT DESC	PROJ #	BUDGET	EXPENSES	ENCUMBERED	BALANCE	% BUDGET EXPENDED
CD RIVERWALK PROJECT	AIO004	43,119.00	43,116.89	-	2.11	100.00%
U Telemetry I & C	MME003	55,689.00	-	3,013.20	52,675.80	5.41%
U Telemetry I & C	MME003	394,874.00	113,567.83	26,588.77	254,717.40	35.49%
U Utilities Master Plan	MPL001	750,000.00	-	-	750,000.00	0.00%
U R & R Lift Station	SLS002	540,000.00	4,968.00	87,200.00	447,832.00	
U Sewer Plant Replacement	SSP002	1,457,312.00	125,451.86	180,629.67	1,151,230.47	21.00%
U WWTP InflntStrctreByps	SSP011	228,120.00	9,060.00	-	219,060.00	3.97%
U WRF ElecSysRpr/Rplcmnt	SSP012	575,000.00	-	-	575,000.00	0.00%
U Replacement, WA System	URP001	1,093,271.00	38,168.10	30,268.76	1,024,834.14	6.26%
U RplcWtrMainBeforePaving	URP011	51,387.00	-	-	51,387.00	0.00%
U Water Plant Improvement	WWP003	1,136,882.00	47,694.19	1,030,970.00	58,217.81	94.88%
U WW Repairs/Maint	WWW002	3,265.00	-	-	3,265.00	0.00%
Total for 403 W/S R&R Fund:		**6,328,919.00**	**382,026.87**	**1,358,670.40**	**4,588,221.73**	**27.50%**

*Note: FY18 appropriation will be reduced by $60,000 in June of 2018.

Revenue and Expense Projections by Fund

Water & Sewer Impact Fee Fund 405	FY18	FY19	FY20	FY21	FY22	FY23	FY24
Revenues							
Actual thru 05/31/2018	1,226,745						
Remainder of FY18	-						
Grant Reimbursements							
Water Impact Fees - Residential		150,000	150,000	150,000	150,000	150,000	150,000
Water Impact Fees - Commercial		150,000	150,000	150,000	150,000	150,000	150,000
Sewer Impact Fees - Residential		150,000	150,000	150,000	150,000	150,000	150,000
Sewer Impact Fees - Commercial		150,000	150,000	150,000	150,000	150,000	150,000
Interest on Investments		1,000	1,000	1,000	1,000	1,000	1,000
Total Revenues:	**1,226,745**	**601,000**	**601,000**	**601,000**	**601,000**	**601,000**	**601,000**
Expenditures							
Actual thru 05/31/2018	39,661						
Remainder of FY18	2,990,929						
Encumbrances	-						
Admin. Service Fees (2% of Impact Fee Revenue)		12,000	12,000	12,000	12,000	12,000	12,000
Debt Service		-	-	-	-	-	-
Capital Improvement Program (CIP)							
Water							
Water System Replacements		550,000	250,000	150,000	-	-	-
Water System Extensions / Upsizing A through B		50,000	-	50,000	450,000	50,000	50,000
City Cost Participation Project		50,000	50,000	50,000	50,000	50,000	50,000
WTP - 3 Million Gal Water Storage Tank		300,000	-	2,000,000	-	-	-
Taylor Road Improvements		-	-	-	400,000	-	-
Sewer							
City Cost Participation Project		50,000	50,000	50,000	50,000	50,000	50,000
WRF - Nutrient Removal Process Improvements		-	500,000	3,000,000	-	-	-
WRF - Water Reuse Program		300,000	-	2,000,000	-	-	-
Sewer System Rehab - Force Main River Crossing		-	1,000,000	-	-	-	-
Field Operations - Sewer System Expansion		300,000	2,200,000	2,000,000	2,000,000	-	-
Taylor Road Improvements		-	-	-	400,000	-	-
Total Expenditures:	**3,030,590**	**1,612,000**	**4,062,000**	**9,312,000**	**3,362,000**	**162,000**	**162,000**
Increase / (Decrease) per Fiscal Year:	(1,803,845)	(1,011,000)	(3,461,000)	(8,711,000)	(2,761,000)	439,000	439,000
Beginning Available Funds (Cash Reserves):	4,210,557	2,406,712	1,395,712	(2,065,288)	(10,776,288)	(13,537,288)	(13,098,288)
Ending Available Funds (Cash Reserves):	**2,406,712**	**1,395,712**	**(2,065,288)**	**(10,776,288)**	**(13,537,288)**	**(13,098,288)**	**(12,659,288)**

Committed FY18 W/S Impact Fee Fund Projects as of 05/31/18

PROJECT DESC	PROJ #	BUDGET	EXPENSES	ENCUMBERED	BALANCE	% BUDGET EXPENDED
CD RIVERWALK PROJECT	AIO004	1,405.00	1,406.49	-	(1.49)	100.11%
U Utilities Master Plan	MPL001	125,000.00	-	-	125,000.00	0.00%
U Utilities Master Plan	MPL001	125,000.00	-	-	125,000.00	0.00%
U Sewer Plant Replacement	SSP002	8,145.00	-	-	8,145.00	0.00%
U Cost Participation	UCP001	172,608.00	-	-	172,608.00	0.00%
U Cost Participation	UCP001	160,422.00	-	-	160,422.00	0.00%
U Extension, Water System	UET001	145,742.00	-	-	145,742.00	0.00%
U Extension, Sewer System	UET002	4,328.00	-	-	4,328.00	0.00%
U White Acres Improvement	UET022	822,711.00	-	-	822,711.00	0.00%
U Septic to Sewer	UET023	521,689.00	30,255.00	-	491,434.00	5.80%
U Replacement, WA System	URP001	158,552.00	-	-	158,552.00	0.00%
U Replacement, WA System	URP001	772,988.00	-	-	772,988.00	0.00%
Total for 405 W/S Impact Fee Fund:		**3,018,590.00**	**31,661.49**	**-**	**2,986,928.51**	**1.05%**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 028812
WWW002

PROJECT NAME	Water Treatment Plant - Water Supply Wells	**Project Manager:**	Lynn Stevens
DEPARTMENT	Public Utilities	**Original Plan Date:**	FY 1988
LOCATION	Central Recharge and Wellfield Areas	**Concurrency Requirement:**	Potable Water

Goal / Objective: Goal 2 Objectives 2 & 4 **Priority I**: **IMPERATIVE** *(Must-Do)*

DESCRIPTION/JUSTIFICATION:

The Garnsey Water Treatment Plant withdraws water from the Florida Aquifer through a series of 40 production wells. These wells are drilled to an average depth of 300 feet and the submersible pump/motors are set to an average of 60 feet below land surface. The wells vary is size, depending on the location and substrata below. Because the equipment is below ground, they are considered sealed units and therefore routine maintenance is not performed on them. Lightning, water corrosion, and other factors will cause failure in the equipment over time. There are sufficient number of wells to rotate the equipment regularly and provide sufficient quantity when one well fails. This program is the on-going purchase of equipment and materials to repair and/or replace the equipment upon failure. Equipment replacement can cost $8,000 to $10,000 per well. Experience indicates that 3 to 5 wells per year require some type of equipment replacement. The program maintains compliance with SJRWMD and FDEP requirements for operation of a Water Treatment Plant.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Engineering & Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-
Equipment	453,853	50,000	50,000	50,000	50,000	50,000	50,000	753,853
								-
TOTAL PROJECT COSTS	**453,853**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**753,853**
PROPOSED SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Water & Sewer Op Fund (401)	50,000	50,000	50,000	50,000	50,000	50,000	50,000	350,000
Water & Sewer R&R Fund (403)	403,853	-	-	-	-	-	-	403,853
Water Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Future Grant/Bonds	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**453,853**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**753,853**

OPERATIONAL IMPACT

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

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 028813
WWW005

PROJECT NAME	Production Well Replacement	**Project Manager:**	Lynn Stevens
DEPARTMENT	Public Utilities / Wellfield	**Original Plan Date:**	FY 2017
LOCATION	WTP Facilities	**Concurrency Requirement:**	N/A

Goal / Objective: Goal 2 Objective 2,3,4 **Priority II**: **ESSENTIAL** *(Should-Do)*

DESCRIPTION/JUSTIFICATION:

The existing wellfield consists of 40 wells to provide water to the water treatment plant. Four of these wells were constructed in 1973. They are located near the water treatment facility. The salinity in these wells has been steadily increasing making it difficult to use the wells without impacting the finished water quality. The wells cannot be rehabilitated and must be replaced. This project is to replace the four wells, one per year.

PROJECT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
								-
Replacement wells (4)	-	-	250,000	250,000	250,000	250,000	-	1,000,000
TOTAL:	**-**	**-**	**250,000**	**250,000**	**250,000**	**250,000**	**-**	**1,000,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	-	25,000	25,000	25,000	25,000	-	100,000
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-
Equipment	-	-	225,000	225,000	225,000	225,000	-	900,000
TOTAL PROJECT COSTS	**-**	**-**	**250,000**	**250,000**	**250,000**	**250,000**		**1,000,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23		TOTAL
Water & Sewer Op Fund (401)	-	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	-	-	250,000	250,000	250,000	250,000	-	1,000,000
Water Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Future Grant/Bonds	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**-**	**-**	**250,000**	**250,000**	**250,000**	**250,000**		**1,000,000**

OPERATIONAL IMPACT

These new wells will replace existing equipment, therefore, no impact on operational expenses.

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-	**-**
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 029408
URP001

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

Goal / Objective: Goal 2 Objectives 2, 3 & 4 **Priority I**: **IMPERATIVE** *(Must-Do)*

DESCRIPTION/JUSTIFICATION:

This project is designed to replace potable water pipelines due to age, under sizing for new customers in the area, and pipe material. Many of the pipes in these areas are constructed of galvanized, asbestos cement (AC), and PVC pipe that have reached their useful service life. **405 Funding can be utilized in some areas since the pipelines are being upsized and fire hydrants are being added. The project will improve water quality and fire flow to the customers.**

Program	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
S Commonwealth Water Maint Repl	-	1,000,000						1,000,000
N Commonwealth Water Maint Repl	-	-	1,000,000	-	-	-	-	1,000,000
Charles Water Maint Repl			-	600,000				600,000
Summertrees Water Maint Repl					400,000			400,000
Cambridge Area						400,000	-	400,000
TBD - Water Main Replacement							500,000	500,000
Other - Prior Years	2,575,000							2,575,000
TOTALS:	**2,575,000**	**1,000,000**	**1,000,000**	**600,000**	**400,000**	**400,000**	**500,000**	**6,475,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Engineering & Planning	275,000	100,000	-	60,000	40,000	40,000	50,000	565,000
Land	-	-	-	-	-	-	-	-
Construction	2,300,000	900,000	1,000,000	540,000	360,000	360,000	450,000	5,910,000
Equipment	-	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**2,575,000**	**1,000,000**	**1,000,000**	**600,000**	**400,000**	**400,000**	**500,000**	**6,475,000**

PROPOSED SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Water & Sewer Op Fund (401)	575,000	450,000	450,000	400,000	200,000	200,000	200,000	2,475,000
Water & Sewer R&R Fund (403)	1,025,000	-	300,000	50,000	200,000	200,000	300,000	2,075,000
Water Impact Fee Fund (405)	975,000	550,000	250,000	150,000	-	-	-	1,925,000
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Future Grant/Bonds	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**2,575,000**	**1,000,000**	**1,000,000**	**600,000**	**400,000**	**400,000**	**500,000**	**6,475,000**

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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Water & Sewer O&M Fund (401)	**-**	**-**	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 029409 A
UET001

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

Goal / Objective: Goal 4 Objectives 3, 5 — **Priority II**: **ESSENTIAL** *(Should-Do)*

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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Economic Development	720,000	50,000	50,000	50,000	50,000	50,000	50,000	1,020,000
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
TOTALS:	**720,000**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**1,020,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	720,000	50,000	-	50,000	50,000	50,000	50,000	970,000
Equipment	-	-	-	-	-	-	-	-
								-
TOTAL PROJECT COSTS	**720,000**	**50,000**	**-**	**50,000**	**50,000**	**50,000**	**50,000**	**970,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer Op Fund (401)	-	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	-	-	-	-	-	-	-	-
Water Impact Fee Fund (405)	720,000	50,000	-	50,000	50,000	50,000	50,000	970,000
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Future Grant/Bonds	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**720,000**	**50,000**	**-**	**50,000**	**50,000**	**50,000**	**50,000**	**970,000**

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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 029409 B
UET001

PROJECT NAME	Engineering - Water System Ext/Upsizing	**Project Manager:**	Engineering
DEPARTMENT	Public Utilities	**Original Plan Date:**	Continuous
LOCATION	Various	**Concurrency Requirement:**	Potable Water

Goal / Objective: Goal 2 Objectives 2 — **Priority III**: **IMPORTANT** *(Could-Do)*

DESCRIPTION/JUSTIFICATION:

To provide second water supply from Reed Canal to Nova Road for Atlantic High School (Evacuation facility)

Program	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Reinforcement line from	-	-	-	-	400,000	-	-	400,000
Reed Canal (Atlantic High)	-	-	-	-	-	-	-	-
to Nova Road	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
TOTALS:	**-**	**-**	**-**	**-**	**400,000**	**-**	**-**	**400,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	400,000	-	-	400,000
Equipment	-	-	-	-	-	-	-	-
								-
TOTAL PROJECT COSTS	**-**	**-**	**-**	**-**	**400,000**	**-**	**-**	**400,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer Op Fund (401)	-	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	-	-	-	-	-	-	-	-
Water Impact Fee Fund (405)	-	-	-	-	400,000	-	-	400,000
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-	-
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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 038710
UCP001

PROJECT NAME	Engineering - City Cost Participation Project	**Project Manager:**	Engineering
DEPARTMENT	Public Utilities	**Original Plan Date:**	Continuous
LOCATION	Citywide	**Concurrency Requirement:**	Water/Sewer

Goal / Objective: Goal 4 Objectives 4, 5 — **Priority III**: **IMPORTANT** *(Could-Do)*

DESCRIPTION/JUSTIFICATION:

The City participates in development costs due to depth of the sewer main, upsizing various water and sewer lines during development construction activities, 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 depending on the development and location. Funding provides participation in these opportunity costs as they arise.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	-	-	-	-	-	-	**-**
Land	-	-	-	-	-	-	-	**-**
Construction	-	-	-	-	-	-	-	**-**
Cost Participation	2,870,000	100,000	100,000	100,000	100,000	100,000	100,000	3,470,000
						-	-	**-**
TOTAL PROJECT COSTS	**2,870,000**	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**	**3,470,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer Op Fund (401)	-	-	-	-	-	-	-	**-**
Water & Sewer R&R Fund (403)	1,650,000	-	-	-	-	-	-	1,650,000
Water Impact Fee Fund (405)	1,220,000	50,000	50,000	50,000	50,000	50,000	50,000	1,520,000
Sewer Impact Fee Fund (405)	-	50,000	50,000	50,000	50,000	50,000	50,000	300,000
Future Grant/Bonds	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**2,870,000**	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**	**3,470,000**

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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 038825 A
MME003

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

Goal / Objective: Goal 2 Objective 2,3,4 **Priority II**: **ESSENTIAL** *(Should-Do)*

DESCRIPTION/JUSTIFICATION:

Renewal/Rehabilitation/replacement to Radio Telemetry System equipment at Water Plant, 40 wells, and 3 remote storage tanks with pumping stations. The program includes in plant programmable logic controllers, all radio telemetry units to communicate with off-site locations, electronic speed control (VFD) units for process control, and security systems. This life expectancy for most equipment is 10 years. This is an on-going R&R program to maintain the integrity of the system.

PROJECT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
R&R for	650,000	50,000	50,000	50,000	50,000	50,000	50,000	950,000
Equipment								
TOTAL:	**650,000**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**950,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-
Equipment	650,000	50,000	50,000	50,000	50,000	50,000	50,000	950,000
TOTAL PROJECT COSTS	**650,000**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**950,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer Op Fund (401)	-	50,000	50,000	50,000	50,000	50,000	50,000	300,000
Water & Sewer R&R Fund (403)	650,000	-	-	-	-	-	-	650,000
Water Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Future Grant/Bonds	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**650,000**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**950,000**

OPERATIONAL IMPACT

Telemetry technology improves detection capability and overall response time to resolving potential problem areas within the related systems.

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-	**-**
	-	-	-	-	-	-		**-**
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 038825 B
MME003

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

Goal / Objective: Goal 2 Objective 1, 2, 3 — **Priority I**: **IMPERATIVE** *(Must-Do)*

DESCRIPTION/JUSTIFICATION:

The City currently utilizes radio telemetry to monitor remote pumping stations and City lift stations. The reliability of these systems is coming into question. Service and support from the manufacturer is an issue. PLC's that run system processes at the Water Reclamation Facility and lift stations are unable to be supported and no replacements are offered by current vendor. Migrating towards an open architecture platform which would allow flexibility in operations and monitoring would ensure redundancy with the City's 150+ remotely monitored sites.

PROJECT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Lift Station Telemetry R & R	-	130,000	130,000	130,000	130,000	130,000	130,000	780,000
(12 Per year) (RTU)								
								-
Programmable Logic Controls (PLC)	-	20,000	20,000	20,000	20,000	20,000	20,000	120,000
Variable Frequency Drives (VFD)	-	40,000	40,000	40,000	40,000	40,000	40,000	240,000
Other - Prior Year	900,000							900,000
TOTAL:	**900,000**	**190,000**	**190,000**	**190,000**	**190,000**	**190,000**	**190,000**	**2,040,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-
Equipment	900,000	190,000	190,000	190,000	190,000	190,000	190,000	2,040,000
TOTAL PROJECT COSTS	**900,000**	**190,000**	**190,000**	**190,000**	**190,000**	**190,000**	**190,000**	**2,040,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer Op Fund (401)	-	130,000	130,000	130,000	130,000	130,000	130,000	780,000
Water & Sewer R&R Fund (403)	900,000	60,000	60,000	60,000	60,000	60,000	60,000	1,260,000
Water Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Future Grant/Bonds	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**900,000**	**190,000**	**190,000**	**190,000**	**190,000**	**190,000**	**190,000**	**2,040,000**

OPERATIONAL IMPACT

Telemetry technology improves detection capability and overall response time to resolving potential problem areas within the related systems.

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-	**-**
Total	**-**	**-**	**-**	**-**	**-**	**-**		**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 038955
MMP001

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

Goal / Objective: Goal 4 Objective 2, 3, 5 — **Priority II**: **ESSENTIAL** *(Should-Do)*

DESCRIPTION/JUSTIFICATION:

In order to accommodate growth and add additional customers to the utility system, maps of underground infrastructure must be continuously updated to support available services.
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 $20,000 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:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	-	-	-	-	-	-	-
Mapping	890,000	50,000	50,000	50,000	50,000	50,000	50,000	1,190,000
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-
Equipment								
TOTAL PROJECT COSTS	**890,000**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**1,190,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer Op Fund (401)	200,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000
Water & Sewer R&R Fund (403)	690,000	-	-	-	-	-	-	690,000
Water Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Future Grant/Bonds	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**890,000**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**1,190,000**

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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 038964 A
SSP002

PROJECT NAME	Water Reclamation Facility - R&R	**Project Manager:**	Parnell
DEPARTMENT	Public Utilities	**Original Plan Date:**	FY 1989
LOCATION	RWP, Reservoir, & Remote PS	**Concurrency Requirement:**	N/A

Goal / Objective: Goal 2 Objectives 2, 3 & 4 — **Priority I**: **IMPERATIVE** *(Must-Do)*

DESCRIPTION/JUSTIFICATION:

Repair and replacement of existing Water Reclamation Treatment plant and lift station equipment as required in DEP Operating Permit.

PROJECT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water Reclamation equipment R&R	-	300,000	350,000	400,000	425,000	450,000	-	1,925,000
								-
Totals:	**-**	**300,000**	**350,000**	**400,000**	**425,000**	**450,000**	**-**	**$1,925,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-
Equipment	-	300,000	350,000	400,000	425,000	450,000	-	1,925,000
TOTAL PROJECT COSTS	**-**	**300,000**	**350,000**	**400,000**	**425,000**	**450,000**	**-**	**1,925,000**

SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer Op Fund (401)	-	150,000	-	-	-	-	-	150,000
Water & Sewer R&R Fund (403)	-	150,000	350,000	400,000	425,000	450,000	-	1,775,000
Water Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Future Grant/Bonds	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**-**	**300,000**	**350,000**	**400,000**	**425,000**	**450,000**	**-**	**1,925,000**

OPERATIONAL IMPACT

Replacement of existing pumps and treatment processes.

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 038964 B
SSP002

PROJECT NAME	Water Reclamation Facility - R&R	**Project Manager:**	Parnell
DEPARTMENT	Public Utilities	**Original Plan Date:**	FY 1989
LOCATION	RWP, Reservoir, & Remote PS	**Concurrency Requirement:**	N/A

Goal / Objective: Goal 2 Objectives 2, 3 & 4 **Priority I**: **IMPERATIVE** *(Must-Do)*

DESCRIPTION/JUSTIFICATION:

The plant currently uses five (5) belt presses to dewater biosolids prior to disposal. Original equipment was installed in 1992 and it is due for replacement. The first year requires $50,000 for piloting various equipment and engineering services. The current cost of one replacement belt press is estimated to be $500,000. The equipment purchase would go out for bid.

PROJECT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Replace Belt Presses (5)	-	50,000	500,000	500,000	500,000	500,000	500,000	2,550,000
One per year								
Totals:	**-**	**50,000**	**500,000**	**500,000**	**500,000**	**500,000**	**500,000**	**2,550,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	50,000	-	-	-	-	-	50,000
Land	-	-	-	-	-	-	-	-
Construction	-	-	500,000	500,000	500,000	500,000	500,000	2,500,000
Equipment	-	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**-**	**50,000**	**500,000**	**500,000**	**500,000**	**500,000**	**500,000**	**2,550,000**

SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer Op Fund (401)	-	50,000	-	-	-	-	-	50,000
Water & Sewer R&R Fund (403)	-	-	500,000	500,000	500,000	500,000	500,000	2,500,000
Water Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Future Grant/Bonds	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**-**	**50,000**	**500,000**	**500,000**	**500,000**	**500,000**	**500,000**	**2,550,000**

OPERATIONAL IMPACT

Replacement of equipment.

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-	-
	-	-	-	-	-	-		-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 038964 C
SSP002

PROJECT NAME	Water Reclamation Facility - R&R	**Project Manager:**	Parnell
DEPARTMENT	Public Utilities	**Original Plan Date:**	FY 1989
LOCATION	RWP, Reservoir, & Remote PS	**Concurrency Requirement:**	N/A

Goal / Objective: Goal 2 Objectives 1, 2, 4 **Priority I**: **IMPERATIVE** *(Must-Do)*

DESCRIPTION/JUSTIFICATION:

The state and federal regulations require high level disinfection of treated wastewater prior to utilization as reclaimed water. The City treatment plant utilizes liquid chlorine. The existing chlorine feed system was installed in 1992 and it is due for replacement. Installing a cover over the chlorine contact chamber will reduce the exposure of water to sunlight and thereby reduce the loss of chlorine residual. In turn, the cover will reduce the amount of chlorine needed to meet state and federal regulations.

PROJECT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Cover chlorine contract chamber			35,000					35,000
Totals:	**-**	**-**	**35,000**	**-**	**-**	**-**	**-**	**35,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	-	35,000	-	-	-	-	35,000
Equipment	-	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**-**	**-**	**35,000**	**-**	**-**	**-**	**-**	**35,000**

SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer Op Fund (401)	-	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)			35,000		-	-	-	35,000
Water Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Future Grant/Bonds	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**-**	**-**	**35,000**	**-**	**-**	**-**	**-**	**35,000**

OPERATIONAL IMPACT

Project is expected to reduce chemical consumption

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**		**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 038967
SSP012

Project Name:	WRF Electric System Repair/Replacement	**Project Manager:**	Parnell
Department:	Public Utilities	**Original Plan Date:**	2017
Location:	Water Reclamation Facility (WRF)	**Concurrency Requirement:**	N/A

Goal / Objective: **Goal 2 Objective 2, 3, 4** **Priority I**: **IMPERATIVE** *(Must-Do)*

DESCRIPTION / JUSTIFICATION:

The Water Reclamation Facility (WRF) was originally built in 1960's. Major expansions to the plant occurred in 1980 and 1988. Each expansion added additional electrical equipment and wiring. Today, staff is experiencing numerous failure in the electrical supply to various equipment and failing components due to electrical shorts in the wiring. In order to maintain compliance with state and federal regulations for treatment, equipment and components must be repaired and replaced as needed to maintain full plant operations. The current state of the electrical system is reducing the reliability of the treatment plant. Safety and compliance concerns are driving this upgrade. While upgrading the electrical system, future process modifications and expansions will be under consideration.

PROJECT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Electrical system replacements	575,000	500,000						1,075,000
								-
Totals:	**575,000**	**500,000**	**-**	**-**	**-**	**-**	**-**	**1,075,000**

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	-	-	-	-	-	-	-
Construction	575,000	500,000	-	-	-	-	-	1,075,000
Equipment	-	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**575,000**	**500,000**	**-**	**-**	**-**	**-**	**-**	**1,075,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer Op Fund (401)	-	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	575,000	500,000	-	-	-	-	-	1,075,000
Water Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Future Grant/Bonds	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**575,000**	**500,000**	**-**	**-**	**-**	**-**	**-**	**1,075,000**

OPERATIONAL IMPACT

Upgrading electrical wiring and components should reduce some electrical power costs.

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer O&M Fund (401)	**-**	**-**	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 038970
SSP015

Project Name:	WRF Operations Building Expansion	**Project Manager:**	Parnell
Department:	Public Utilities	**Original Plan Date:**	2017
Location:	Water Reclamation Facility (WRF)	**Concurrency Requirement:**	N/A

Goal / Objective: **Goal 2 Objective 2, 4** **Priority IV**: Emergency Preparedness

DESCRIPTION / JUSTIFICATION:

The operations building at the water reclamation facility was built in 1980 and accommodates 16-22 employees. During recent hurricane Matthew, it became evident that the Water Reclamation Facility has no space to accommodate emergency responses staff beyond a 16 hour period. In addition, the building is lacking storage, office space, and the plant operations control room needs information technology upgrades which requires more space. Land space is limited on this site, therefore, this proposal is to investigate building a second floor onto the existing structure.

PROJECT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Construct second story onto existing	10,000	100,000						110,000
building								
								-
Totals:	**10,000**	**100,000**	**-**	**-**	**-**	**-**	**-**	**110,000**

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	-	-	-	-	-	-	-
Construction	10,000	-	100,000	-	-	-	-	110,000
Equipment	-	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**10,000**	**-**	**100,000**	**-**	**-**	**-**	**-**	**110,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer Op Fund (401)	10,000	-	-	-	-	-	-	10,000
Water & Sewer R&R Fund (403)	-	-	100,000	-	-	-	-	100,000
Water Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Future Grant/Bonds	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**10,000**	**-**	**100,000**	**-**	**-**	**-**	**-**	**110,000**

OPERATIONAL IMPACT

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer O&M Fund (401)	**-**	**-**	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 038971
SSP016

PROJECT NAME	WRF Nutrient Removal Process Improvements	**Project Manager:**	Parnell
DEPARTMENT	Public Utilities	**Original Plan Date:**	FY2019
LOCATION	RWP, Reservoir, & Remote PS	**Concurrency Requirement:**	N/A

Goal / Objective: Goal 2 Objectives 2, 4 — **Priority III**: **IMPORTANT** *(Could-Do)*

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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
BNR Upgrade								
Engineering Design for Plant	-	-	500,000					500,000
Modification for 5-5-3-1								
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:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer Op Fund (401)	-	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	-	-	-	-	-	-	-	-
Water Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	500,000	3,000,000	-	-	-	3,500,000
Future Grant/Bonds	-	-	-	3,000,000	-	-	-	3,000,000
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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 038972
SSP017

PROJECT NAME:	Water Reclamation Facility - Water Reuse Program	**Project Manager:**	Parnell
DEPARTMENT	Public Utilities	**Original Plan Date:**	2019
LOCATION	Wellfields	**Concurrency Requirement:**	Water Conservation
Goal / Objective:	2 Objectives 1,2	**Priority III:**	**IMPORTANT** *(Could-Do)*

DESCRIPTION/JUSTIFICATION:

A three million gallon ground storage tank with pump station to provide additional reuse supply for irrigation and minimize discharge to the Halifax River. Location to be identified in utility master plan. Staff will apply for grant funding. Current grant funding from SFRWMD is 33% for shovel ready projects.

Project		**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
3 MG Ground Storage		-	300,000	-	3,000,000	-	-	-	3,300,000
and pump station									
TOTAL		**-**	**300,000**	**-**	**3,000,000**	**-**	**-**	**-**	**3,300,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Engineering & Planning		300,000	-	-	-	-		300,000
Land	-	-	-	-	-	-		-
Construction	-	-	-	3,000,000	-	-		3,000,000
Equipment	-	-	-	-	-	-		-
TOTAL PROJECT COSTS	**-**	**300,000**	**-**	**3,000,000**	**-**	**-**		**3,300,000**

PROPOSED SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**		**TOTAL**
Water & Sewer Op Fund (401)	-	-	-	-	-	-		-
Water & Sewer R&R Fund (403)	-	-	-	-	-	-		-
Water Impact Fee Fund (405)	-	-	-	-	-	-		-
Sewer Impact Fee Fund (405)	-	300,000	-	2,000,000	-	-		2,300,000
Future Grant/Bonds	-	-	-	1,000,000	-	-		1,000,000
TOTAL PROJECT REVENUE	**-**	**300,000**	**-**	**3,000,000**	**-**	**-**		**3,300,000**

OPERATIONAL IMPACT

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

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Additional Revenues								
Charges for Services	-	-	-	-	-	-		-
Other Revenues	-	-	-	-	-	-		-
Less Additional Expenditures								
New Personnel	-	-	-	-	-	-		-
Maintenance and Other Operating	-	-	30,000	60,000	60,000	60,000	60,000	270,000
Non Operating (Debt Service)		-	-	-	-	-		-
Net Annual Impact on Operations	**-**	**-**	**30,000**	**60,000**	**60,000**	**60,000**	**60,000**	**270,000**

FUNDING SOURCES	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Water & Sewer O&M Fund (401)	-	-	30,000	60,000	60,000	60,000	60,000	270,000
	-	-	-	-	-	-		-
Total	**-**	**-**	**30,000**	**60,000**	**60,000**	**60,000**	**60,000**	**270,000**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT #	038973
NEW	**SSP018**

Project Name: Generator Replacements
Department: Public Utilities
Location: WRF & WTP
Project Manager: Parnell/Miller
Original Plan Date: 2020
Concurrency Requirement:
Goal / Objective: **Goal 2 Objective 2**
Priority I: **Imperative** (Must-do)

DESCRIPTION / JUSTIFICATION:

The Utilities Department utilizes 17 emergency standby generators to maintain water and sewer service. Locations include the Water Treatment Plant (1), the wellfield (6), potable water storage/pump stations (3), the Water Reclamation Facility (2), and master sewage lift stations (5). The age of these stationary units various between 13 to 40 years old. Per FEMA recommendations, 19 years is the expected lifecycle for a stationary generator. The generators are critical to ensuring that the system maintains operations during storm events and power outages. These generators allow the system to maintain EPA and DEP compliance. Many of the units have experienced failures and it is recommended that this ongoing program be initiated prior to catastrophic failure. The plan includes replacing 2 - 900 kw generators at the wastewater treatment plant (1997), followed by 100 kw unit at the Ponce Inlet lift station (1989), then Peninsula potable water storage/pump station (1978).

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	100,000		100,000		20,000	-	220,000
Construction	-	-	50,000		50,000	20,000	50,000	170,000
Equipment	-	-	950,000		950,000	60,000	150,000	2,110,000
TOTAL PROJECT COSTS	**-**	**100,000**	**1,000,000**	**100,000**	**1,000,000**	**100,000**	**200,000**	**2,500,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer Op Fund (401)	-	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	-	100,000	1,000,000	100,000	1,000,000	100,000	200,000	2,500,000
Water Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Future Grant/Bonds	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**-**	**100,000**	**1,000,000**	**100,000**	**1,000,000**	**100,000**	**200,000**	**2,500,000**

OPERATIONAL IMPACT

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer O&M Fund (401)	**-**	**-**	-	-	-	-	-	-
	-	**-**	-	-	-	-		-
Total	**-**	**-**	**-**	**-**	**-**	**-**		**-**

GENERATOR MAINTENANCE
PUBLIC UTILITIES
WATER TREATMENT PLANT

	Generator Location	Make	S/N	KW
1	Garnsey Water Plant	Spectrum T123-7K361250DS4	5262000438 665388	1250
2	Well #8	MTUIDDC 6081AF001 230DSEJB	RG6081A170700 7034978	230
3	Well #12	MTUIDDC 6081AF001 230DSEJB	RG6081A170689 2034929	230
4	Well #15	MTUIDDC 6068HF285 180RJC6DT3	PE6068L10442 318770-1-1-0310	180
5	Well #23	MTUIDDC 6081AF001 230DSEJB	RG6081A170670 2033696	230
6	Oceans	MTU 6068HF485 180RJC6DT3	PE6068L 104339 318770-2-1-0310	180
7	Peninsula	MTU 6068HF485 180RJC6DT3	PE6068L 104351 318770-2-2-310	180
8	Artesian Way	DDC 1063-7305 432RSL	6A470727 ZL4080472-02	215

GENERATOR MAINTENANCE
PUBLIC UTILITIES
WATER RECLAMATION FACILITY

	Generator Location	Make	S/N	KW
1	Reclaimed Water Plant North	Spectrum R1637K36900DSE4	5362001357 701714	900
2	Reclaimed Water Plant South	Spectrum R1637K36900DSE4	5362001340 701699	900
3	Lab Operations	John Deere 4024HF285 Diesel	95090601369	50
4	Christiancy	Spectrum 4045TF250 80DSEJB	PE4045T247119 752348	80
5	Clark Reg Lift Station	Caterpillar 3306 SR4 Genset	9NR03327 6YR01660	260
6	Cypress Head	DDC 10637405 432RSL4511BH	06A04688755 YF-19-53837-6125	200
7	Drema Way	DDC 10637405 432RSL4511BH	06A0470728 ZL4080472-02	215
8	Herbert & Nova	Spectrum 6081AF001 150DSEJ	RG6081A109809 673885	150
9	Ponce Inlet	Cateroiller 3116DJ 362G34606	2SG00587 LM683208-0207	100
10	Taylor Countyrside	Spectrum 4045TF250 60DSEJB	PE4045T220274 740030	60
11	Port 1 Onan	Onan 4BT3.9G4 DGCB4491442	46050126 K000174192	60
12	Port 2 Onan	Onan 4BT3.9G4 DGCB4491442	46050127 K000172193	60

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 039493 A
WWP003

PROJECT NAME	Water Treatment Plant R & R - Equipment	**Project Manager**	Lynn Stevens
DEPARTMENT	Public Utilities	**Original Plan Date**	March 1994
LOCATION	Water Plant, Remote PS, & Wells	**Concurrency Requirement**	Water

Goal / Objective: Goal 2 Objectives 2, 3 & 4 **Priority I**: **IMPERATIVE** *(Must-Do)*

DESCRIPTION/JUSTIFICATION:

The Garnsey Water Treatment plant is permitted to produce 15 million gallons per day of drinking water. Operating permits include Florida Department of Health and SJRWMD. These permits require routine repair, maintenance, and replacement of existing equipment to maintain the reliability of the system to the public. In addition, the City is required to maintain the facilities reliability under its bonding requirements. The plant has undergone many major repairs/replacement of process equipment, therefore the requested amount is reduced and increases over time as the equipment ages. This is an on-going R&R program to maintain the equipment at the water treatment plant and three off-site storage/pump stations to ensure continued operation.

PROJECT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Equipment R&R	7,307,262	200,000	225,000	225,000	250,000	275,000	300,000	8,782,262
								-
								-
								-
								-
Total:	**7,307,262**	**200,000**	**225,000**	**225,000**	**250,000**	**275,000**	**300,000**	**8,782,262**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	-	-	-	-	-	-	-
Construction								-
Equipment	7,307,262	200,000	225,000	225,000	250,000	275,000	300,000	8,782,262
TOTAL PROJECT COSTS	**7,307,262**	**200,000**	**225,000**	**225,000**	**250,000**	**275,000**	**300,000**	**8,782,262**

SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer Op Fund (401)	974,717	-	-	-	-	-	-	974,717
Water & Sewer R&R Fund (403)	4,113,695	200,000	225,000	225,000	250,000	275,000	300,000	5,588,695
Water Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Deffered Constr Reserve Fund 421	2,218,850	-	-	-	-	-	-	2,218,850
TOTAL PROJECT REVENUE	**7,307,262**	**200,000**	**225,000**	**225,000**	**250,000**	**275,000**	**300,000**	**8,782,262**

OPERATIONAL IMPACT

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

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-		-
	-	-	-	-	-	-		-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 039493 B
WWP003

PROJECT NAME	Water Treatment Plant R & R	**Project Manager**	Lynn Stevens
DEPARTMENT	Public Utilities	**Original Plan Date**	March 1994
LOCATION	Water Plant, Remote PS, & Wells	**Concurrency Requirement**	Water

Goal / Objective: Goal 2 Objectives 4 **Priority IV**: **DESIRABLE** *(Other Year)*

Complete the screening project between the softeners and filter gallery in order to maximize access to equipment for maintenance and process control in the recarbonation basins.

PROJECT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Completely enclose					195,000			195,000
Recarbonation Basins								
								-
								-
								-
Total:	**-**	**-**	**-**	**-**	**195,000**	**-**	**-**	**195,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Engineering & Planning	-	-	-	-	20,000	-	-	20,000
Construction	-	-	-	-	175,000	-	-	175,000
Equipment	-	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**-**	**-**	**-**	**-**	**195,000**	**-**	**-**	**195,000**

SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Water & Sewer Op Fund (401)	-	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	-	-	-	-	195,000	-	-	195,000
Water Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Future Grant/Bonds	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**-**	**-**	**-**	**-**	**195,000**	**-**	**-**	**195,000**

OPERATIONAL IMPACT

No operational impact

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-	-
	-	-	-	-	-	-		-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 039494
WWP007

PROJECT NAME	Water Treatment Plant-3 Million Gal Wtr Storage Tank	**Project Manager:**	Lynn Stevens
DEPARTMENT	Public Utilities / Water Plant	**Original Plan Date:**	FY 17
LOCATION	WTP Facilities	**Concurrency Requirement:**	N/A

Goal / Objective: Goal 2 Objective 2,3,4 **Priority II**: **ESSENTIAL** *(Should-Do)*

DESCRIPTION/JUSTIFICATION:

The water plant produces and distributes an average of 6 million gallons per day of drinking water. The plant has one water storage tank that holds 1 million gallons. The tank was constructed in 1983. There are three storage tanks located throughout the City to store a total of 4.5 million gallons of water. In order to ensure water can be produced and distributed continuously from the treatment plant, an additional storage tank needs to be constructed. It is recommended that a three million gallon tank be constructed on the property adjacent to the water plant. The City owns the property. The existing pumping equipment would be sufficient to distribute the water from the new tank. Since this is an expansion of service to our customers, water impact fee funds could be used.

PROJECT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
3 million gallon water storage tank	-	300,000	-	3,000,000				3,300,000
								-
TOTAL:	**-**	**300,000**	**-**	**3,000,000**	**-**	**-**	**-**	**3,300,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	300,000	-	-	-	-	-	300,000
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	3,000,000	-	-	-	3,000,000
Equipment	-	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**-**	**300,000**	**-**	**3,000,000**	**-**	**-**	**-**	**3,300,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer Op Fund (401)	-	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	-	-						-
Water Impact Fee Fund (405)	-	300,000	-	2,000,000	-	-	-	2,300,000
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Future Grant/Bonds	-	-	-	1,000,000	-	-	-	1,000,000
TOTAL PROJECT REVENUE	**-**	**300,000**	**-**	**3,000,000**	**-**	**-**	**-**	**3,300,000**

OPERATIONAL IMPACT

This project would not impact the operating budget for the treatment plant.

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 039495
WWPXXX

Project Name: WTP - Raw Water Main Replacement
Department: Public Utilities
Location: Shntz Road to Water Plant
Project Manager: Lynn Stevens
Original Plan Date: 03/22/18
Concurrency Requirement:

Goal / Objective: **Goal 2 Objective 2**
Priority I: **Imperative** (Must-do)

DESCRIPTION / JUSTIFICATION:

There is currently only one pipeline from the wellfield on Shuntz Road to the Garnsey Water Treatment Plant. This pipeline provides 80% of the well water into the treatment plant. The 30 inch diameter, 5 mile long prestressed concrete pipeline has been in service over 30 years. It is a specialty pipe that staff cannot repair in house. In fact, there are very few speciality firms that can repair this type of pipeline. Should the pipe fail, damages would be significant to the surrounding area and significantly impair the treatment plants ability to supply drinking water to the customers. This project would provide a secondary pipeline to the treatment plant to provide reliability on the system.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	300,000	-	-	-	-	-	300,000
Construction	-	-	3,000,000	-	-	-	-	3,000,000
Equipment	-	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**-**	**300,000**	**3,000,000**	**-**	**-**	**-**	**-**	**3,300,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer Op Fund (401)	-	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	-	300,000	3,000,000	-	-	-	-	3,300,000
Water Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Future Grant/Bonds	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**-**	**300,000**	**3,000,000**	**-**	**-**	**-**	**-**	**3,300,000**

OPERATIONAL IMPACT

There is not operational impact.

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer O&M Fund (401)	**-**	**-**	-	-	-	-	-	-
	-	**-**	-	-	-	-		-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 048922
SLS002

PROJECT NAME	Water Reclamation Facility - Replace Existing Lift Stations	**Project Manager**	Parnell
DEPARTMENT	Public Utilities	**Original Plan Date**	FY 1989
LOCATION	Citywide	**Concurrency Requirement**	N/A

Goal / Objective: Goal 2 Objectives 2, 3, 4 — **Priority I**: **IMPERATIVE** *(Must-Do)*

DESCRIPTION/JUSTIFICATION:

There are 110 sewage lift stations located throughout the city which pump sewage from the gravity collection system to the wastewater treatment plant. Life expectancy of the equipment is 15 - 20 years. Much of the existing equipment is at the end of their useful life. Costs for repair/rehabilitation/replacement currently averages $60,000 per station. Each year the stations are evaluated based on age, capacity, and overall condition. In FY 2019, the stations located at Christiancy, Halifax Estates, Town Homes West and Sugar Forest are anticipated to require capital R&R. This is an ongoing R&R program with the anticipation of work on 5 to 6 stations per year. This work will be performed by in-house staff.

PROJECT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
R&R on 6 Lift Stations Per Year	5,401,143	200,000	200,000	200,000	360,000	360,000	360,000	7,081,143
(actual stations to be	-	-	-	-	-	-	-	-
identified each year based on age,	-	-	-	-	-	-	-	-
condition, capacity)	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	5,401,143	**200,000**	**200,000**	**200,000**	**360,000**	**360,000**	**360,000**	**7,081,143**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-
Equipment	5,401,143	200,000	200,000	200,000	360,000	360,000	360,000	7,081,143
TOTAL PROJECT COSTS	**5,401,143**	**200,000**	**200,000**	**200,000**	**360,000**	**360,000**	**360,000**	**7,081,143**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer Op Fund (401)	484,042	-	-	-	-	-	-	484,042
Water & Sewer R&R Fund (403)	4,150,133	200,000	200,000	200,000	360,000	360,000	360,000	5,830,133
Water Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	22,745	-	-	-	-	-	-	22,745
Deffered Constr Reserve Fund 421	744,223	-	-	-	-	-	-	744,223
TOTAL PROJECT REVENUE	**5,401,143**	**200,000**	**200,000**	**200,000**	**360,000**	**360,000**	**360,000**	**7,081,143**

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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 049467
URH001

PROJECT NAME	Field Operations - Sewer System Rehabilitation	**Project Manager**	Wilson/Gardiner
DEPARTMENT	Public Utilities	**Original Plan Date**	March 2015
LOCATION	Various Locations	**Concurrency Requirement**	Sewer

Goal / Objective: Goal 2 Objectives 1, 2, & 3 **Priority I**: **IMPERATIVE** *(Must-Do)*

DESCRIPTION/JUSTIFICATION:

There are 110 lift stations in the collection system and more stations are added as new development is constructed. This is an on-going repair and rehabilitation project for the sewer collection system for each lift station. The scope of work will depend upon condition, age, and capacity of the pipeline. The planned scope of work at each station will vary and includes:
1) system inspection
2) cleaning pipes, manholes, and wetwells
3) smoke testing, pipe repairs as needed
4) manhole, wetwell repair/replacement
5) sewer lateral repair, lining, replacement
6) sewer clean out repair/replacement
The cost of each area rehabilitation will range from $50,000 to $250,000 depending on size, age, condition assessment, and repairs needed to maintain the system. Anticipate work on 5 areas per year.

PROJECT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Sewer Collection R&R (5 sta per year)	9,140,534	750,000	750,000	1,000,000	1,000,000	1,000,000	1,000,000	14,640,534
	-	-	-					
TOTALS:	**9,140,534**	**750,000**	**750,000**	**1,000,000**	**1,000,000**	**1,000,000**	**1,000,000**	**14,640,534**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	-	-	-	-	-	-	-
Construction	9,140,534	750,000	750,000	1,000,000	1,000,000	1,000,000	1,000,000	14,640,534
Equipment	-	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**9,140,534**	**750,000**	**750,000**	**1,000,000**	**1,000,000**	**1,000,000**	**1,000,000**	**14,640,534**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer Op Fund (401)	1,690,889	750,000	750,000	1,000,000	1,000,000	1,000,000	1,000,000	7,190,889
Water & Sewer R&R Fund (403)	1,905,503	-		-	-	-	-	1,905,503
Water Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Deffered Constr Reserve Fund 421	5,544,142	-	-	-	-	-	-	5,544,142
TOTAL PROJECT REVENUE	**9,140,534**	**750,000**	**750,000**	**1,000,000**	**1,000,000**	**1,000,000**	**1,000,000**	**14,640,534**

OPERATIONAL IMPACT

Rehabilitation projects will improve overall reliability to our customers and reduce unwanted water into the collection system from leaking pipelines, manholes, wetwells. Furthermore, reduced operating expenses are anticipated due to reduction in pump station electrical costs and less water to the treatment plant. In addition, costs associated with emergency call outs due to sewer back-ups, high volumes, and equipment failures are expected to be reduced.

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 049468
URHXXX

Project Name:	Sewer System Rehab - Force Main River Crossing	**Project Manager:**	Lynn Stevens
Department:	Public Utilities	**Original Plan Date:**	03/22/18
Location:	River Crossing	**Concurrency Requirement:**	

Goal / Objective: **Goal 2 Objective 2** **Priority I**: **IMPERATIVE** (Must-do)

DESCRIPTION / JUSTIFICATION:

To provide a second sewage transmission force main under the Halifax River and connecting to the existing sewer system at US 1. There is currently only 1 - 20" diameter pipeline crossing under the Halifax River to provide service to Ponce Inlet, Daytona Beach Shores, and Port Orange customers east of US1 and north of Dunlawton. The pipeline was installed in 1986 and constructed of ductile iron pipe. The pipe is not very deep under the bed of the river and exposed to salt water. There is no secondary service to this are should the pipeline fail. In addition, Ponce Inlet is undertaking a septic to sewer program to increase the amount of customers in that area. This new pipeline would provide more reliability and ensure sufficient capacity for the new customers. Since this new pipeline provides redundancy and expanded capacity to the beachside area, we believe grant funding is available.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	300,000	-	-	-	-	-	300,000
Construction	-	-	2,000,000	-	-	-	-	2,000,000
Equipment	-	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**-**	**300,000**	**2,000,000**	**-**	**-**	**-**	**-**	**2,300,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer Op Fund (401)	-	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	-	300,000	-	-	-	-	-	300,000
Water Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	1,000,000	-	-	-	-	1,000,000
Future Grant/Bonds	-	-	1,000,000	-	-	-	-	1,000,000
TOTAL PROJECT REVENUE	**-**	**300,000**	**2,000,000**	**-**	**-**	**-**	**-**	**2,300,000**

OPERATIONAL IMPACT

there will be no operational impact. This is an underwater pipeline.

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer O&M Fund (401)	**-**	**-**	-	-	-	-	-	-
	-	**-**	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**		**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 089409
UET023

Project Name:	Field Operations - Sewer System Expansion	**Project Manager:**	Wilson/Gardiner
Department:	Public Utilities	**Original Plan Date:**	10/1/2017
Location:	Citywide	**Concurrency Requirement:**	
Goal / Objective:	Goal 2 Objective 1	**Priority I**:	**IMPERATIVE** *(Must-Do)*

DESCRIPTION / JUSTIFICATION:

Locations and priority of sewer system construction were ranked by the Wade Trim septic tank study completed in June 2017. In FY 18, we contracted with a design engineer to begin Phase 1 design. Projects must be shovel ready to apply for grant funding. In FY19, staff will apply for grant funding for phase 1 and begin design of phase 2. In FY 20, with grants secured, construction of phase 1 will commence followed by construction of phase 2 in FY21.

Program	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	Total
Septic to Sewer Phase 1	-	-	3,000,000	-				3,000,000
Septic to Sewer Phase 2	-	300,000	-	3,000,000	-	-	-	3,300,000
Septic to Sewer Phase 3	-	-	300,000	-	3,000,000	-	-	3,300,000
Prior Years	1,064,299	-	-	-	-	-	-	1,064,299
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	1,064,299	**300,000**	**3,300,000**	**3,000,000**	**3,000,000**	**-**	**-**	**10,664,299**

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	300,000	300,000	-	-	-	-	600,000
Construction	1,064,299	-	3,000,000	3,000,000	3,000,000	-	-	10,064,299
Equipment	-	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**1,064,299**	**300,000**	**3,300,000**	**3,000,000**	**3,000,000**	**-**	**-**	**10,664,299**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer Op Fund (401)	542,610	-	-	-	-	-	-	542,610
Water & Sewer R&R Fund (403)	-	-	-		-	-	-	-
Water Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	521,689	300,000	2,200,000	2,000,000	2,000,000	-	-	7,021,689
Future Grant/Bonds	-	-	1,100,000	1,000,000	1,000,000	-	-	3,100,000
TOTAL PROJECT REVENUE	**1,064,299**	**300,000**	**3,300,000**	**3,000,000**	**3,000,000**	**-**	**-**	**10,664,299**

OPERATIONAL IMPACT

This project will increase the number of lift stations in the system. However, until design is complete, operational impact cannot be accurately determined.

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-		-
	-	-	-	-	-	-		-
Total	**-**	**-**	**-**	**-**	**-**	**-**		**-**

1

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 200304
URL007

PROJECT NAME	Engineering - Utility Coordination and Relocation	**Project Manager**	Engineering
DEPARTMENT	Public Utilities	**Original Plan Date**	Continuous
LOCATION	Citywide	**Concurrency Requirement**	N/A

Goal / Objective: Goal 2 Objectives 2 **Priority I**: **IMPERATIVE** *(Must-Do)*

DESCRIPTION/JUSTIFICATION:

Utility pipelines are often constructed on State or County roads and in the State and County rights of way. The State or County owns the property or rights to the property and if/when they perform construction on their roads/sidewalks, the City must relocate City owned underground utility pipelines, valves, manholes, etc. in conflict.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Engineering & Planning	-	-	15,000	15,000	15,000	15,000	15,000	75,000
Construction	359,355	-	10,000	10,000	10,000	10,000	10,000	409,355
Equipment	-	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**359,355**	**-**	**25,000**	**25,000**	**25,000**	**25,000**	**25,000**	**484,355**

PROPOSED SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Water & Sewer Op Fund (401)	100,000	-	25,000	25,000	25,000	25,000	25,000	225,000
Water & Sewer R&R Fund (403)	61,106	-	-	-	-	-	-	61,106
Water Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Deffered Constr Reserve Fund 421	198,249	-	-	-	-	-	-	198,249
TOTAL PROJECT REVENUE	**359,355**	**-**	**25,000**	**25,000**	**25,000**	**25,000**	**25,000**	**484,355**

OPERATIONAL IMPACT

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

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-	-
	-	-	-	-	-	-		-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 200546 A
ZMI044

Project Name:	Field Operations - Meter Replacement Program	**Project Manager:**	Wilson/Gardiner
Department:	Public Utilities	**Original Plan Date:**	2/18/2013
Location:	Citywide	**Concurrency Requirement:**	
Goal / Objective:	Goal 2 Objectives 2 & 4	**Priority I**:	**IMPERATIVE** *(Must-Do)*

DESCRIPTION / JUSTIFICATION:

In 2014, the City began a major meter replacement project to replace approximately 36,000 residential water and reclaimed wate meters in the system and convert the meters to radio communication. This work is being performed by in-house staff, saving the city an estimated $270,000 over the life of the project (5 years). Completion of the project is expected in FY 19. To date, 27,972 meters have been replaced. In FY20, the project will convert to an ongoing residential meter replacement program. Meter life expectancy is 1 million gallons registered or 10 years whichever comes first.

Items/ Services	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**Total**
Mtr/Rgstr Cost $90.00 EA (1000)	-	90,000	-	-	-	-	-	90,000
FlexNet Cost $135 Dbl/ $125 Sng (700)	-	94,500	-	-	-	-	-	94,500
Gel caps/Expanders- $100 per 1000/ $10 ea	-	2,200	-	-	-	-	-	2,200
Software Upgrade	-	-	56,000	-	-	-	-	56,000
Tower Upgrade	-	-	60,000	-	-	-	-	60,000
Replacement Cycles to start	-	-	100,000	100,000	75,000	75,000	75,000	425,000
Prior Years	6,766,338							
Subtotal Matl, Hardware, Software Cost	**6,766,338**	**186,700**	**216,000**	**100,000**	**75,000**	**75,000**	**75,000**	**727,700**
Overtime Requirement	-	15,000	-	-	-	-	-	15,000
TOTAL Matl, Hardware, Sftwr, & LABOR	**6,766,338**	**201,700**	**216,000**	**100,000**	**75,000**	**75,000**	**75,000**	**742,700**

FY19 - 1000 meter replacements
FY20 - Tower and Software upgrades, convert to routine replacement program
FY21 - 24 - on-going meter replacement program

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Engineering & Planning	-	-	-	-	-	-		-
Construction						-		
Equipment	6,766,338	201,700	216,000	100,000	75,000	75,000	75,000	7,509,038
TOTAL PROJECT COSTS	**6,766,338**	**201,700**	**216,000**	**100,000**	**75,000**	**75,000**	**75,000**	**7,509,038**

PROPOSED SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Water & Sewer Op Fund (401)	4,059,585	201,700	216,000	100,000	75,000	75,000	75,000	4,802,285
Water & Sewer R&R Fund (403)	1,375,118	-		-	-	-		1,375,118
Water Impact Fee Fund (405)	-	-	-	-	-	-		-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-		-
Deffered Constr Reserve Fund 421	1,331,635	-	-	-	-	-		1,331,635
TOTAL PROJECT REVENUE	**6,766,338**	**201,700**	**216,000**	**100,000**	**75,000**	**75,000**	**75,000**	**7,509,038**

OPERATIONAL IMPACT

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

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 200546 B
ZMI044

Project Name:	Field Operations - Large Meter R&R	**Project Manager:**	Wilson/Gardiner
Department:	Public Utilities	**Original Plan Date:**	10/1/2016
Location:	Citywide	**Concurrency Requirement:**	
Goal / Objective:	Goal 2 Objectives 2 & 4	**Priority II**:	**ESSENTIAL** *(Should-Do)*

DESCRIPTION / JUSTIFICATION:

This is an on-going repair/replacement program for commercial potable meters and fire line meters larger that 3 inches. There are approximately 200 of these meters in the system. The expected life cycle is 20 years. It is cost effective to rebuild these meters in lieu of replacement. However, periodically the meters must be replaced. One large 6 inch meter can cost an estimated $5,000.

Program	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	Total
R & R Large Meter	-	50,000	50,000	50,000	50,000	50,000	50,000	300,000
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**300,000**

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	-	-	-	-	-	-	-
Construction							-	-
Equipment	-	50,000	50,000	50,000	50,000	50,000	50,000	300,000
TOTAL PROJECT COSTS	**-**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**300,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer Op Fund (401)	-	50,000	50,000	50,000	50,000	50,000	50,000	300,000
Water & Sewer R&R Fund (403)	-	-	-	-	-	-	-	-
Water Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Future Grant/Bonds	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**-**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**300,000**

OPERATIONAL IMPACT

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

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	Total
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-	-
	-	-	-	-	-	-		-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201051
Not assigned

PROJECT NAME	Engineering - Taylor Road Improvements	**Project Manager**	Engineering
DEPARTMENT	Public Utilities	**Original Plan Date**	1/1/2009
LOCATION	Taylor Rd (SumTrees to Tomoka Farms Rd)	**Concurrency Requirement**	N/A

Goal / Objective: Goal 4 Objectives 5

Priority I: **IMPERATIVE** *(Must-Do)*

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:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Engineering & Planning	-	-	-	-	-	-	-	-
Construction	-	-	-		1,600,000	-	-	1,600,000
Equipment	-	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**-**	**-**	**-**	**-**	**1,600,000**	**-**	**-**	**1,600,000**

PROPOSED SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Water & Sewer Op Fund (401)	-	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	-	-	-	-	800,000	-	-	800,000
Water Impact Fee Fund (405)	-	-	-	-	400,000	-	-	400,000
Sewer Impact Fee Fund (405)	-	-	-	-	400,000	-	-	400,000
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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Water & Sewer O&M Fund (401)	**-**	-	-			-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

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Revenue and Expense Projections by Fund

Drainage Construction Operating Fund 412	FY18	FY19	FY20	FY21	FY22	FY23	FY24
Revenues							
Actual thru 05/31/2018	4,309,643						
Remainder of FY18 - Drainage Fees	235,545						
Remainder of FY18 - Grants	1,228,517						
Remainder of FY18 - Interest	-						
Drainage Fees		4,527,957	4,527,957	4,527,957	4,527,957	4,527,957	4,527,957
Interest on Investments		26,700	26,700	26,700	26,700	26,700	26,700
Total Revenues:	**5,773,706**	**4,554,657**	**4,554,657**	**4,554,657**	**4,554,657**	**4,554,657**	**4,554,657**
Expenditures							
Actual thru 05/31/2018	2,901,947						
Remainder of FY18 - Personnel	506,714						
Remainder of FY18 - Operating	502,090						
Remainder of FY18 - Capital	2,311,533						
Remainder of FY18 - Debt Srvc	492,150						
Remainder of FY18 - Contingency	94,991						
Remainder of FY18 - Transf. for Admin Share & In-lieu	92,745						
Remainder of FY18 - Encumbrances	474,904						
Personnel Expense		920,587	920,587	920,587	920,587	920,587	920,587
Operating Expense		1,239,508	1,239,508	1,239,508	1,239,508	1,239,508	1,239,508
Debt Service		1,482,215	810,022	810,022	702,354	702,354	702,354
Transfers for Admin Share & In-lieu		278,235	278,235	278,235	278,235	278,235	278,235
New Capital Projects Operational Impact		31,500	1,000	2,000	2,000	2,000	2,000
Capital Improvement Program (CIP)							
Virginia Ave. and Monroe St. Drainage Basin		383,000	-	-	-	-	-
Howes Street Stormwater Improvements		-	724,000	-	-	-	-
Halifax River Outfall Replacement		-	471,000	471,000	471,000	300,000	-
Tumblebrook Drive Stormwater Improvements		186,000	-	-	-	-	-
Pipe Replacement		320,000	370,000	420,000	470,000	520,000	570,000
City Center Shoreline Stabilization		-	341,000	-	-	-	-
Southwinds Stormwater Outfall Retrofit (Ph I) Design		-	-	45,000	-	-	-
Charles Street Drainage Improvements		110,000	-	730,000	-	-	-
Viking Drive Stormwater Improvements		-	-	-	30,000	-	-
Pond Dredging		-	75,000	75,000	80,000	80,000	85,000
Total Expenditures:	**7,377,074**	**4,951,045**	**5,230,352**	**4,991,352**	**4,193,684**	**4,042,684**	**3,797,684**
Increase / (Decrease) per Fiscal Year:	(1,603,368)	(396,388)	(675,695)	(436,695)	360,973	511,974	756,973
Beginning Available Funds (Cash Reserves):	3,693,896	2,090,528	1,694,140	1,018,445	581,750	942,724	1,454,697
Ending Available Funds (Cash Reserves):	**2,090,528**	**1,694,140**	**1,018,445**	**581,750**	**942,724**	**1,454,697**	**2,211,670**
Reserve Requirement:	**540,024**	**540,024**	**540,024**	**540,024**	**540,024**	**540,024**	**540,024**
Ending Net Available for Capital:	**1,550,505**	**1,154,116**	**478,422**	**41,727**	**402,700**	**914,673**	**1,671,647**
412 Drainage - Unfunded Project Requests							
White Place & Riverside Drainage Improvements		109,000	-	-	-	-	-
Southwinds Stormwater Outfall Retrofit (Ph I) Design		-	-	-	681,000	-	-
Southwinds Stormwater Outfall Retrofit (Ph II)		-	-	-	681,000	-	-
Powers Avenue at Lemon Street Drainage Improvements		-	-	175,000	-	-	-
Storm Water Master Plan Phase II		-	-	380,000	-	-	-
Total 412 Projects - Unfunded:		**109,000**	**-**	**555,000**	**1,362,000**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201865
DIP059

Project Name:	Virginia Ave and Monroe St. Drainage Basin	**Project Manager:**	James Buttrum
Department:	Stormwater Utility	**Original Plan Date:**	March 24, 2017
Location:	Virginia Ave and Monroe St.	**Concurrency Requirement:**	

Goal / Objective: **Goal 2 Objective 1,2** **Priority I: IMPERATIVE** (*Must-Do*)

DESCRIPTION/JUSTIFICATION:

This project will provide solutions to address the flooding which will include construction of stormwater pump stations with force mains, retention ponds, and additional conveyance enhancements including pipes and inlets. The construction of the retention ponds and pumps will require the acquisition and purchase of land and relocation of utilities where needed.

Component	Total Cost	City Cost*	Grants	Schedule
Engineering & Planning	$ 85,736	$ 85,736	$ -	Completed in FY18
Construction	$ 2,600,000	427,431	2,172,569	End of FY18-Beginning of FY19
Unforeseen Conditions	$ 260,000	260,000	-	As needed
Land Purchase	$ 350,000	-	350,000	FY18 or FY19
Total Project Cost:	**$ 3,295,736**	**$ 773,167**	**$ 2,522,569**	

* Funded in prior year

Note: Project **DIP059** currently has a balance of $1,432,083. A FEMA HMGP grant totaling $644,250 is pending for FY19. In FY 19 FDEP will award a State Appropriation in the amount of $750,000.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	85,736	-	-	-	-	-	-	85,736
Construction	1,083,583	1,776,417	-	-	-	-	-	2,860,000
Land Purchase	350,000	-	-	-	-	-	-	350,000
	-							-
TOTAL PROJECT COSTS	**1,519,319**	**1,776,417**	**-**	**-**	**-**	**-**	**-**	**3,295,736**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Operating - (001)	-	-	-	-	-	-	-	-
Drainage 412 Fund - Funded	391,000	382,167	-	-	-	-	-	773,167
Various Grants	1,128,319	1,394,250	-	-	-	-	-	2,522,569
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**1,519,319**	**1,776,417**	**-**	**-**	**-**	**-**	**-**	**3,295,736**

OPERATIONAL IMPACT

Property and future drainage improvements will be maintained by the City, which will impact the operating budget.

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Additional Revenues								
Charges for Services	-	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-	-
Less Additional Expenditures								
New Personnel	-	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	1,000	1,000	1,000	1,000	4,000
Non Operating (Debt Service)	-	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**1,000**	**1,000**	**1,000**	**1,000**	**4,000**
	-							-

FUNDING SOURCES	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Drainage Operating Fund 412	-	-	-	1,000	1,000	1,000	1,000	4,000
		-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**1,000**	**1,000**	**1,000**	**1,000**	**4,000**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201642

PROJECT NAME:	Howes Street Stormwater Improvements	**Project Manager:**	James Buttrum
DEPARTMENT:	Stormwater Utility	**Original Plan Date:**	March 18, 2015
LOCATION:	Various	**Concurrency Requirement:**	N/A

Goal / Objective: Goal 2 Objective 2 **Priority I: IMPERATIVE** (Must-*Do*)

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. The proposed solution to alleviate roadway flooding consist of constructing 25 storm inlets, +/-1,150 LF of exfiltration trenches, +/-1,610 LF of RCP pipe, and +/- 2,560 LF of curbings to collect stormwater runoff. Part of Orange Ave roadway will be re-built to eliminate low spots. The new stormwater system will be connected to the B-23 Canal at Howes Street and Westridge Avenue for discharge.

After the design is completed the department is going to seek grant funding.

Note: Project DIP069 was established in FY17 with a budget of $49,000 for the Engineering & Planning.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Engineering & Planning	49,000	-	-	-	-	-	-	49,000
Engineering Administration / Inspection	-	-	60,000	-	-	-	-	60,000
Construction	-	-	1,004,641	-	-	-	-	1,004,641
TOTAL PROJECT COSTS	**49,000**	**-**	**1,064,641**	**-**	**-**	**-**	**-**	**1,113,641**

PROPOSED SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Operating - (001)	-	-	-	-	-	-	-	-
Drainage 412 Fund - Funded	49,000	-	723,204	-	-	-	-	772,204
Grant Funding-unsecured	-	-	341,437	-	-	-	-	341,437
Drainage 412 Fund - Unfunded	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**49,000**	**-**	**1,064,641**	**-**	**-**	**-**	**-**	**1,113,641**

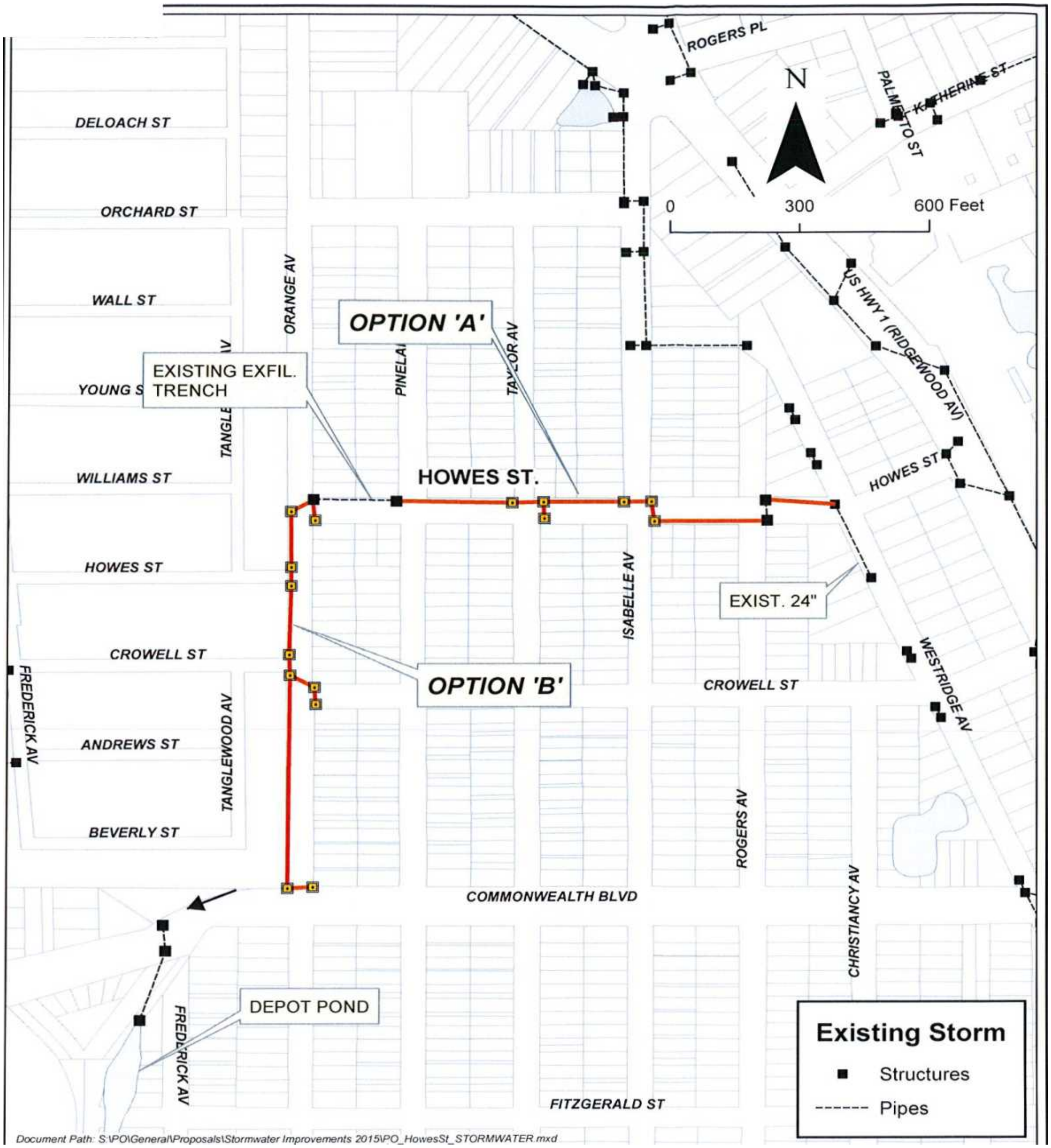
OPERATIONAL IMPACT

No operational cost expected.

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Drainage Operating Fund 412	**-**	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Additional Detail for Stormwater Utility CIP Project Page 201642 - Howes St. Stormwater Improvements



CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201439

PROJECT NAME:	Halifax River Outfall Replacements	**Project Manager:**	James Buttrum
DEPARTMENT:	Stormwater Utility	**Original Plan Date:**	2/27/2013
LOCATION:	Halifax River City-Wide	**Concurrency Requirement:**	No

Goal / Objective: Goal 2 Objective 2 **Priority I: IMPERATIVE** (Must-*Do*)

DESCRIPTION/JUSTIFICATION:

There are 14 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
Eng. Admin/Insp:	$ 60,000
Construction:	1,712,578
Total Proj Cost:	**$ 1,772,578**

Note: Project DIP068 was established in FY17 with a budget of $60,000 for the Engineering & Planning.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	60,000	-	-	-	-	-	-	60,000
Engineering Admin / Inspection	-	-	-	-	-	-	-	-
Construction	-	-	470,859	470,859	470,860	300,000	-	1,712,578
TOTAL PROJECT COSTS	**60,000**	**-**	**470,859**	**470,859**	**470,860**	**300,000**	**-**	**1,772,578**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Operating - (001)	-	-	-	-	-	-	-	-
Drainage Fund 412 - Funded	60,000	-	470,859	470,859	470,860	300,000	-	1,772,578
Capital Projects Fund 301	-	-	-	-	-	-	-	-
Drainage Fund 412 - Unfunded	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**60,000**	**-**	**470,859**	**470,859**	**470,860**	**300,000**	**-**	**1,772,578**

OPERATIONAL IMPACT

These outfalls are already in a maintenance plan, therefore, once completed, additional operating budget will not be required.

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Drainage Operating Fund 412	**-**	**-**	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201409

Project Name:	Tumblebrook Drive Stormwater Improvements	**Project Manager:**	James Buttrum
Department:	Stormwater Utility	**Original Plan Date:**	1/1/2013
Location:	Sweetwater Hills Subdivision	**Concurrency Requirement:**	

Goal / Objective: Goal 2 Objective 2 **Priority I:** IMPERATIVE (MUST-Do)

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. The pump is 12 year's old and it is deployed minimum 6 times per year to a maximum of 20 times per year. Construction of drainage improvements, pipe, and drainage structures. The project will improve drainage and stormwater quality. Engineering and design are proposed to begin in early FY2019, with construction to follow immediately thereafter. Project cost estimates do not include utility relocations or easement acquisitions if needed.

During rain events homes will flood without the portable pump. Residents do not like the portable pump staged in the area continuously.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	36,000	-	-	-	-	-	36,000
Construction	-	150,000	-	-	-	-	-	150,000
Equipment	-	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**-**	**186,000**	**-**	**-**	**-**	**-**	**-**	**186,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Drainage Fund 412 - Funded	-	186,000	-	-	-	-	-	186,000
Drainage Fund 412 - Unfunded	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**-**	**186,000**	**-**	**-**	**-**	**-**	**-**	**186,000**

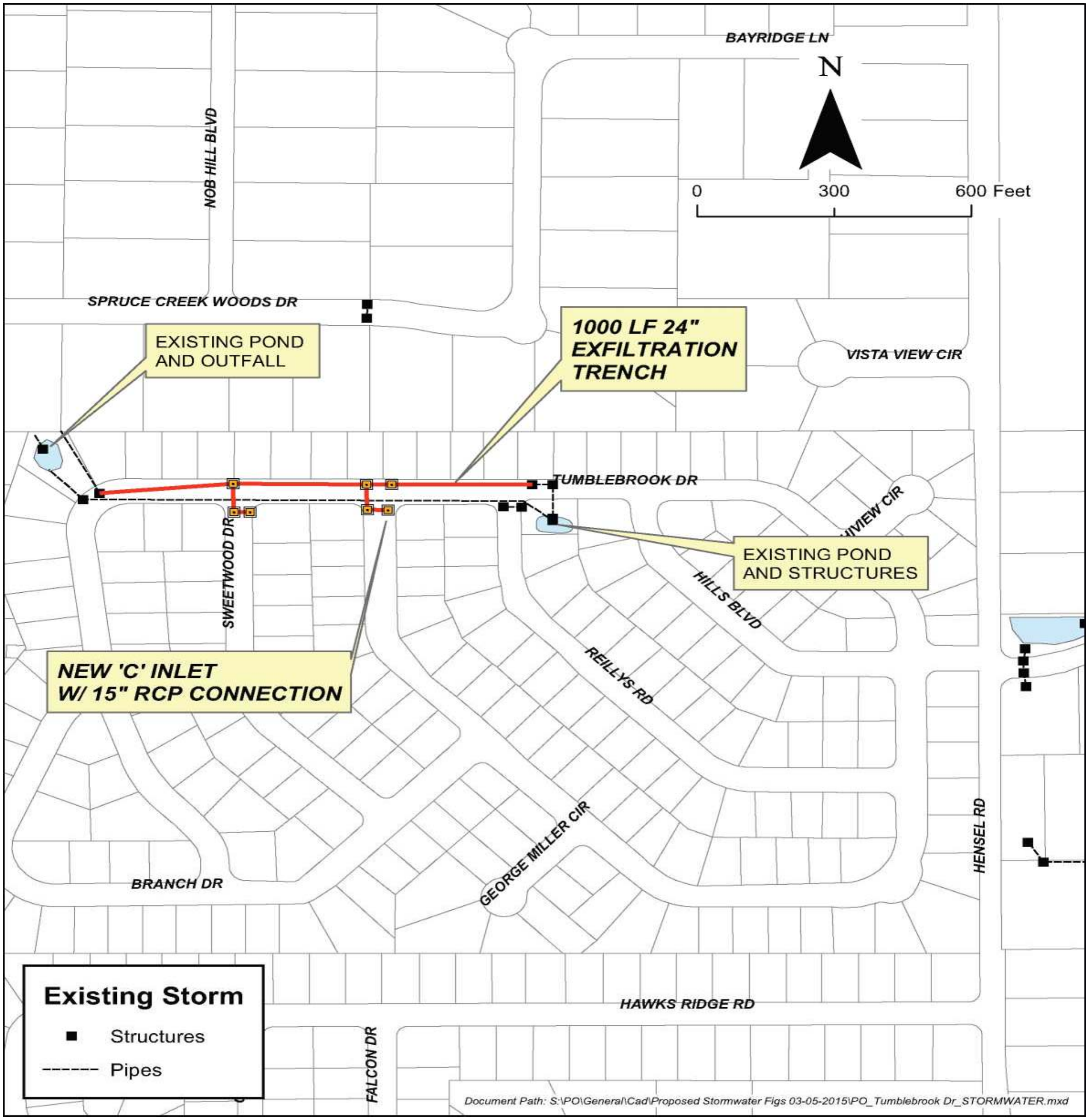
OPERATIONAL IMPACT

No operational impact is anticipated. The current cost for staff to service this area will offset the cost of the permeant system

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Drainage Operating Fund 412	**-**	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Additional Detail for Stormwater Utility CIP Project Page 201409 - Tumblebrook Dr. Stormwater Improvements



CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201647

PROJECT NAME:	Pipe Repair and Replacement	**Project Manager:**	James Buttrum
DEPARTMENT:	Stormwater Utility	**Original Plan Date:**	
LOCATION:	Various Locations throughout the City	**Concurrency Requirement:**	YES

Goal / Objective: Goal 2 Objective 2 **Priority I: IMPERATIVE** (Must-*Do*)

DESCRIPTION/JUSTIFICATION:

R & R funding to Replace/repair deteriorated and/or undersized corrugated metal pipes with properly sized reinforced concrete pipe or liners to improve storm water conveyance to reduce potential for flooding.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	20,000	20,000	20,000	20,000	20,000	20,000	120,000
Construction	-	300,000	350,000	400,000	450,000	500,000	550,000	2,550,000
TOTAL PROJECT COSTS	**-**	**320,000**	**370,000**	**420,000**	**470,000**	**520,000**	**570,000**	**2,670,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Operating - (001)	-	-	-	-	-	-	-	-
Drainage 412 Fund - Funded	-	320,000	370,000	420,000	470,000	520,000	570,000	2,670,000
Other	-	-	-	-	-	-	-	-
Drainage 412 Fund - Unfunded	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**-**	**320,000**	**370,000**	**420,000**	**470,000**	**520,000**	**570,000**	**2,670,000**

OPERATIONAL IMPACT

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Drainage Operating Fund 412	-	-	-	-	-	-	-	-
	-	**-**	-	-	-	-		-
Total	**-**	**-**	**-**	**-**	**-**	**-**		**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201760

PROJECT NAME:	City Center Shoreline Stabilization	**Project Manager:**	James Buttrum
DEPARTMENT:	Stormwater Utility	**Original Plan Date:**	July 10, 2015
LOCATION:	City Center, Port Orange	**Concurrency Requirement:**	No

Goal / Objective: **Goal 2, Objective 2** **Priority I: IMPERATIVE** (Must-*Do*)

DESCRIPTION/JUSTIFICATION:

Construction to stabilize the existing lake's shoreline erosion deficiencies and to repair and improve the eroded drainage outfalls, retaining walls, and the sidewalks around the lake at City Hall for public safety. On May 20, 2016, a design for the City Center shoreline stabilization was funded and completed.

Item	Qty	Unit	Price/Unit	Price
Mobilization / Demobilization	1	LS	30,000	30,000
Construction Survey & As-Built Survey	1	LS	17,500	17,500
Environmental Compliance	1	LS	15,000	15,000
Demobilization and Hauling	1	LS	20,000	20,000
Grading and Hauling	1	LS	17,815	17,815
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
Endwall	1 EA			2,500
18" RCP pipe	15LF			900
Sodding	1800 SY			6,300
Contingent				41,010
			Total Construction Cost:	**$ 317,225**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Engineering Administration / Inspection	-		23,000	-	-	-	-	23,000
Construction	-		317,225	-	-	-	-	317,225
TOTAL PROJECT COSTS	**-**	**-**	**340,225**	**-**	**-**	**-**	**-**	**340,225**

PROPOSED SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Operating - (001)	-	-	-	-	-	-	-	-
Drainage 412 Fund - Funded	-	-	340,225	-	-	-	-	340,225
Other	-	-	-	-	-	-	-	-
Drainage 412 Fund - Unfunded	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**-**	**-**	**340,225**	**-**	**-**	**-**	**-**	**340,225**

OPERATIONAL IMPACT

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Additional Revenues								
Charges for Services	-	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-	-
Less Additional Expenditures								
New Personnel	-	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	1,000	1,000	1,000	1,000	1,000	5,000
Non Operating (Debt Service)	-	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**1,000**	**1,000**	**1,000**	**1,000**		**5,000**

FUNDING SOURCES	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Drainage Operating Fund 412	**-**	-	1,000	1,000	1,000	1,000	1,000	5,000
Total	**-**	**-**	**1,000**	**1,000**	**1,000**	**1,000**	**1,000**	**5,000**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201441

PROJECT NAME:	Southwinds Stormwater Pond Outfall Retrofit	**Project Manager:**	James Buttrum
DEPARTMENT:	Stormwater Utility	**Original Plan Date:**	2/27/2013
LOCATION:	Southwinds Subdivision	**Concurrency Requirement:**	No
Goal / Objective:	Goal 2 Objective 2	**Priority II:**	Essential (Should-*Do*)

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:	680,400
Construction Phase II:	680,400
Total Proj Cost:	**1,405,800**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	-		45,000	-	-	-	45,000
Construction	-	-	-		1,360,800	-	-	1,360,800
TOTAL PROJECT COSTS	**-**	**-**	**-**	**45,000**	**1,360,800**	**-**	**-**	**1,405,800**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Drainage Fund 412 - Funded	-	-	-	45,000	-	-	-	45,000
Drainage Fund 412 - Unfunded (Phase I)	-	-	-	-	680,400	-	-	680,400
Drainage Fund 412 - Unfunded (Phase II)	-	-	-	-	680,400	-	-	680,400
Other	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**-**	**-**	**-**	**45,000**	**1,360,800**	**-**	**-**	**1,405,800**

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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Drainage Operating Fund 412	**-**	**-**	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201763

PROJECT NAME:	Charles Street Drainage Improvements	**Project Manager:**	James Buttrum
DEPARTMENT:	Stormwater Utility	**Original Plan Date:**	October 21, 2015
LOCATION:	Charles Street, Port Orange	**Concurrency Requirement:**	No

Goal / Objective: **Goal 2 Objective 2** **Priority I: IMPERATIVE** (Must-*Do*)

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 the pipe.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	110,000	-	-	-	-	-	110,000
Construction	-	-	-	730,000	-	-	-	730,000
TOTAL PROJECT COSTS	**-**	**110,000**	**-**	**730,000**	**-**	**-**	**-**	**840,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Operating - (001)	-	-	-	-	-	-	-	-
Drainage 412 Fund - Funded	-	110,000	-	730,000	-	-	-	840,000
Other	-	-	-	-	-	-	-	-
Drainage 412 Fund - Unfunded	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**-**	**110,000**	**-**	**730,000**	**-**	**-**	**-**	**840,000**

OPERATIONAL IMPACT

No operational impact by this project.

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Drainage Operating Fund 412	-	-	-	-	-	-	-	-
	-	-	-	-	-	-		-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201762

PROJECT NAME:	Viking Drive Stormwater Improvements	**Project Manager:**	James Buttrum
DEPARTMENT:	Stormwater Utility	**Original Plan Date:**	March 16, 2016
LOCATION:	Viking Drive, Port Orange	**Concurrency Requirement:**	No

Goal / Objective: **Goal 2 Objective 2** **Priority II: ESSENTIAL** (Should-*Do*)

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. Construction cost estimates to follow completion of the design.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Engineering & Planning	-	-	-	-	30,000	-	-	30,000
Construction	-	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**-**	**-**	**-**	**-**	**30,000**	**-**	**-**	**30,000**

PROPOSED SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Operating - (001)	-	-	-	-	-	-	-	-
Drainage 412 Fund - Funded	-	-	-	-	30,000	-	-	30,000
Other	-	-	-	-	-	-	-	-
Drainage 412 Fund - Unfunded	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**-**	**-**	**-**	**-**	**30,000**	**-**	**-**	**30,000**

OPERATIONAL IMPACT

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Drainage Operating Fund 412	**-**	**-**	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**		**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201967

PROJECT NAME:	Pond Dredging	**Project Manager:**	Ronny Buttrum
DEPARTMENT:	Stormwater Utility	**Original Plan Date:**	
LOCATION:		**Concurrency Requirement:**	

Goal / Objective: **Goal 2 Objective 1** **Priority I:** IMPERATIVE (*MUST DO*)

DESCRIPTION/JUSTIFICATION:

The city owns and maintains approximately 35 stormwater ponds throughout the City. Dredging is part of the required maintenance to maintain the capacity of these ponds. This is an on-going maintenance project.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Engineering & Planning	-	-	-	-	-	-	-	-
Construction	-	-	75,000	75,000	80,000	80,000	85,000	395,000
TOTAL PROJECT COSTS	**-**	**-**	**75,000**	**75,000**	**80,000**	**80,000**	**85,000**	**395,000**

PROPOSED SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Operating - (001)	-	-	-	-	-	-	-	-
Drainage 412 Fund - Funded	-	-	75,000	75,000	80,000	80,000	85,000	395,000
Other	-	-						-
Drainage 412 Fund - Unfunded	-	-						-
TOTAL PROJECT REVENUE	**-**	**-**	**75,000**	**75,000**	**80,000**	**80,000**	**85,000**	**395,000**

OPERATIONAL IMPACT

No operational impact.

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Drainage Fund 412 - Funded	**-**	**-**	-	-	-	-	-	-
	-	**-**	-	-	-	-		-
Total	**-**	**-**	**-**	**-**	**-**	**-**		**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201645

PROJECT NAME:	White Place & Halifax Dr. Drainage Improvements	**Project Manager:**	James Buttrum
DEPARTMENT:	Stormwater Utility	**Original Plan Date:**	
LOCATION:	White Place & Riverside	**Concurrency Requirement:**	No

Goal / Objective: Goal 2 Objective 2 **Priority I: IMPERATIVE** (Must-*Do*)

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:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	25,000	-	-	-	-	-	25,000
Construction	-	78,750	-	-	-	-	-	78,750
Permits (SJWMD)	-	5,000	-	-	-	-	-	5,000
TOTAL PROJECT COSTS	**-**	**108,750**	**-**	**-**	**-**	**-**	**-**	**108,750**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Operating - (001)	-	-	-	-	-	-	-	-
Drainage 412 Fund - Funded	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-
Drainage 412 Fund - Unfunded	-	108,750	-	-	-	-	-	108,750
TOTAL PROJECT REVENUE	**-**	**108,750**	**-**	**-**	**-**	**-**	**-**	**108,750**

OPERATIONAL IMPACT

No operational cost anticipated.

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Drainage Operating Fund 412	-	-	-	-	-	-	-	-
	-	-	-	-	-	-		-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201761

PROJECT NAME:	Powers Avenue at Lemon Street Drainage Improvements	**Project Manager:**	James Buttrum
DEPARTMENT:	Stormwater Utility	**Original Plan Date:**	March 16, 2016
LOCATION:	Power Avenue at Lemon Street, Port Orange	**Concurrency Requirement:**	No

Goal / Objective: **Goal 2 Objective 1, 2** — **Priority II** Essential (Should-*Do*)

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 Ctrl	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:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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

no operational impact is anticipated for this project.

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Drainage Operating Fund 412	-	-	-	-	-	-	-	-
	-	-	-	-	-	-		-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201866

PROJECT NAME:	Storm Water Master Plan Phase II	**Project Manager:**	Ronny Buttrum
DEPARTMENT:	Stormwater Utility	**Original Plan Date:**	July 1, 2016
LOCATION:		**Concurrency Requirement:**	No

Goal / Objective: **Goal 2 Objective 2** **Priority I: IMPERATIVE** (*Must-Do*)

DESCRIPTION/JUSTIFICATION:

The City's Stormwater Master Plan was initially developed in 1990 but has not been updated since. Objective 1, Policy 1.1 of the Comprehensive Plan Drainage Sub-Element states that the City shall update the drainage plan every five years. While updates have been prepared for specific basins, the system as a whole has not been updated since the plan was first created.

The update will identify corrective measures to alleviate existing deficiencies in the system and proactively plan for new improvements needed to accommodate future development. The Stormwater Master Plan will help prioritize spending for future capital drainage projects and ensure existing stormwater drainage systems are adequately and proactively maintained. The current estimated cost to update the Stormwater Master Plan is

Phase 1 of the plan has began in Fiscal Year 2016 at a cost of $247,340.00. This phase only included the Eastern Basin and the vicinity of District I and IV. Phase 2 of the plan is anticipated to begin in Fiscal Year 2018 at a cost of $380,00.00.

Note: This is project **DIP073** that was established in FY18 with a budget of $380,000. Due to a City Council approved reduction of the assessment from $120 to $115 per ERU this project was reduces by $221,629 to offset the lower revenue. The remaining balance of $158,371 was allocated by the Department to fund emergency pipe replacement project.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Engineering & Planning		-	-	380,000	-	-		380,000
Construction	-	-	-	-	-	-		-
TOTAL PROJECT COSTS	**-**	**-**	**-**	**380,000**	**-**	**-**		**380,000**

PROPOSED SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Operating - (001)	-	-	-	-	-	-		-
Drainage 412 Fund - Funded	-	-	-	-	-	-		-
Other	-	-	-	-	-	-		-
Drainage 412 Fund - Unfunded	-	-	-	380,000	-	-		380,000
TOTAL PROJECT REVENUE	**-**	**-**	**-**	**380,000**	**-**	**-**		**380,000**

OPERATIONAL IMPACT

The Master Plan Update can be prepared by the City's engineering consultants. Staff resources will be those typically required to prepare the scope of work, administer the contract, and ensure that the work product is sufficient.

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Fund - (001)	**-**	**-**	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Capital Improvement Program (CIP) FY19 - FY24

Summary by Funding Source

(in thousands)

#	Project	Department	FY19	FY20	FY21	FY22	FY23	FY24	Total
Projects that are Funded - Continued:									
Fund 450 Golf Course									
201889	Canopy for Maintenance Facility	Cypress Head	20	-	-	-	-	-	20
201992	Irrigation Repair and Replacement	Cypress Head	-	250	250	-	-	-	500
		Total Fund 450:	**20**	**250**	**250**	**-**	**-**	**-**	**520**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201889

Project Name:	Canopy for Maintenance Facility	**Project Manager:**	Bob Duquette
Department:	Golf Course at Cypress Head	**Original Plan Date:**	
Location:	Golf Course at Cypress Head	**Concurrency Requirement:**	

Goal / Objective: Goal 2 Objective 4

Priority II: ESSENTIAL (*Should Do*)

DESCRIPTION / JUSTIFICATION:

Build canopy at maintenance facility to cover equipment not capable of being stored inside the building. This will protect the equipment from outside weather and prolong the usability of the equipment. This will increase the lifetime of the maintenance fleet and help preserve the investment made by the City. Project will include concrete pad, and aluminum roof supported by posts.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Engineering & Planning	-	5,000	-	-	-	-	-	5,000
Construction	-	15,000	-	-	-	-	-	15,000
Equipment	-	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**-**	**20,000**	**-**	**-**	**-**	**-**	**-**	**20,000**

SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Golf Course Operating Fund 450	-	20,000	-	-	-	-	-	20,000
Recreation Impact Fees Fund 611	-	-	-	-	-	-	-	-
Unfunded								
TOTAL PROJECT REVENUE	**-**	**20,000**	**-**	**-**	**-**	**-**	**-**	**20,000**

OPERATIONAL IMPACT

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

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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		**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Golf Course Operating Fund 450	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201992

Project Name:	Irrigation Repair and Replacement	**Project Manager:**	Bob Duquette
Department:	Golf Course at Cypress Head	**Original Plan Date:**	
Location:	Golf Course at Cypress Head	**Concurrency Requirement:**	

Goal / Objective: Goal 2 Objective 4 **Priority II**: ESSENTIAL (Should-Do)

DESCRIPTION / JUSTIFICATION:

The current Irrigation System is over 25 years old and was installed when the course was built in 1992. An irrigation audit is currently under way to determine the necessary changes to the current system. The audit will determine if we need to replace the current underground piping and replace existing sprinkler heads along with replacing control panels to operate the system. There has been multiple joint failures underground leading to costly repairs and shutdown of the system. The replacement of the system would reduce repair costs, significantly improve watering of the grass surfaces, reduce waste and reduce water costs. The recommendation would be to start the replacement on the back nine to help reduce interruption of regular play and limit any revenue losses.

This will be a two year project if the audit indicates complete replacement of the system. We would recommend replacement of back nine in FY19 and front nine in FY20.

Note: The City funded $20,000 towards irrigation audit in FY18 - **Project #QPC080**

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Engineering & Planning	-	-	25,000	25,000	-	-	-	50,000
Construction	-	-	200,000	200,000	-	-	-	400,000
Equipment	-	-	25,000	25,000	-	-	-	50,000
TOTAL PROJECT COSTS	**-**	**250,000**	**250,000**	**-**	**-**	**-**	**-**	**500,000**

SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Golf Course Operating Fund 450	-	-	250,000	250,000	-	-	-	500,000
Recreation Impact Fees Fund 611	-	-	-	-	-	-	-	-
Unfunded	-							-
TOTAL PROJECT REVENUE	**-**	**-**	**250,000**	**250,000**	**-**	**-**	**-**	**500,000**

OPERATIONAL IMPACT

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

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Golf Course Operating Fund 450	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

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Revenue and Expense Projections by Fund

Lease & Replacement Fund 505	FY18	FY19	FY20	FY21	FY22	FY23	FY24
Revenues							
Actual thru 05/31/2018	2,067,993						
Remainder of FY18	799,885						
Fleet Rentals		2,614,894	2,825,114	2,839,622	2,558,445	2,385,131	2,326,861
Interest on Investments		20,000	20,000	20,000	20,000	20,000	20,000
Miscellaneous Revenues		-	-	-	-	-	-
Transfer from General Fund	-	-	-	-	-	-	-
Total Revenues:	**2,867,878**	**2,634,894**	**2,845,114**	**2,859,622**	**2,578,445**	**2,405,131**	**2,346,861**
Expenditures							
Actual thru 05/31/2018	1,852,087						
Remainder of FY18	3,366,797						
Encumbrances	1,049,837						
Capital Improvement Program (CIP)							
Enterprise Resource Planning System		282,000	282,000	282,000	-	-	-
Thermal Imaging Camera Replacement Program		-	16,000	16,000	15,000	-	-
Extrication Equipment		-	-	-	-	40,000	-
Emergency Traffic Control		120,000	167,000	-	-	-	-
Radios		215,000	-	-	-	-	-
Veh. Rplcmnt. - Fire		900,000	420,000	135,000	-	85,000	751,000
City Municipal Network		40,000	30,000	30,000	30,000	30,000	30,000
Maintain Hardware Infrastructure		25,000	25,000	25,000	25,000	25,000	25,000
Public Safety Technology Refresh		30,000	30,000	30,000	30,000	30,000	30,000
Virtual Desktop Infrastructure		-	100,000	-	-	-	-
Fiber Optic Network Tracer Wire		40,000	-	-	-	-	-
Digital Signage		26,000	-	-	-	-	-
Veh. Rplcmnt. - Parks & Rec		133,000	8,000	46,000	26,000	126,000	132,000
Veh. Rplcmnt - Police		456,000	782,000	250,000	342,000	722,000	646,000
Veh. Rplcmnt - PD Community Improvement		-	-	-	-	22,000	-
Veh. Rplcmnt. - Water Prod		21,000	40,000	80,000	-	92,000	-
Veh. Rplcmnt. - Meter Readers		-	-	22,000	-	-	-
Veh. Rplcmnt. - Water Dist		40,000	172,000	80,000	66,000	466,000	-
Veh. Rplcmnt. - W/S Admin.		-	-	-	22,000	-	-
Veh. Rplc. - W/S Warehouse		-	-	-	-	30,000	-
Veh. Rplcmnt. - Pub Works		17,000	290,000	46,000	180,000	84,000	89,000
Veh. Rplcmnt. - Bldg Maint		-	-	-	-	-	-
Veh. Rplcmnt. - Veh Maint		-	45,000	-	-	-	-
Veh. Rplcmnt. - Stormwater		-	500,000	978,000	27,000	60,000	60,000
Equip. Rplc. - Cypress Head		107,000	53,000	65,000	74,000	44,000	21,000
Golf Cart Rplc. - Cypress Head		225,000	-	-	-	-	-
Total Expenditures:	**6,268,721**	**2,677,000**	**2,960,000**	**2,085,000**	**837,000**	**1,856,000**	**1,784,000**
Increase / (Decrease) per Fiscal Year:	(3,400,843)	(42,106)	(114,886)	774,622	1,741,445	549,131	562,861
Beginning Available Funds (Cash Reserves):	3,548,453	147,610	105,504	(9,382)	765,240	2,506,685	3,055,816
Ending Available Funds (Cash Reserves):	**147,610**	**105,504**	**(9,382)**	**765,240**	**2,506,685**	**3,055,816**	**3,618,677**
Vehicles - Subtotal		1,567,000	2,257,000	1,637,000	663,000	1,687,000	1,678,000
Equipment - Subtotal		778,000	650,000	383,000	100,000	125,000	85,000
Cypress Head - Subtotal		332,000	53,000	65,000	74,000	44,000	21,000
Total		**2,677,000**	**2,960,000**	**2,085,000**	**837,000**	**1,856,000**	**1,784,000**

Revenue and Expense Projections by Fund

Lease & Replacement Fund 505 Continued

Committed FY18 Lease & Replacement Projects as of 05/31/18						
PROJECT DESC	PROJ #	BUDGET	EXPENSES	ENCUMBERED	BALANCE	% BUDGET EXPENDED
F 12 LEAD HEART MONITORS	FIR003	63,108.00	56,663.62	-	6,444.38	89.79%
F RADIO REPLC P-25 COMPLY	FIR007	6,823.00	-	-	6,823.00	0.00%
F Self Contned Brthng App	FIR013	9,375.00	6,374.40	2,964.09	36.51	99.61%
F Self Contned Brthng App	FIR013	10,231.00	7,950.00	-	2,281.00	77.71%
F Extrication Equipment	FIR014	41,085.00	25,456.40	-	15,628.60	61.96%
F Ambulance (Used)	FIR018	75,000.00	-	-	75,000.00	0.00%
F Radios - Rplc Portable	FIR021	12,000.00	-	-	12,000.00	0.00%
F Exhaust Extractors	FIR022	5,000.00	-	-	5,000.00	0.00%
IT LARGE FORMAT PRINTERS	ZMI013	6,000.00	-	-	6,000.00	0.00%
IT MUNICIPAL NETWORK	ZMI015	6,197.00	-	-	6,197.00	0.00%
IT MUNICIPAL NETWORK	ZMI015	62,248.00	-	-	62,248.00	0.00%
IT COMPUTER HARDWARE	ZMI016	13,254.00	8,742.00	3,748.00	764.00	
IT COMPUTER HARDWARE	ZMI016	23,322.00	-	-	23,322.00	
IT COMPUTER HARDWARE	ZMI016	23,054.00	-	-	23,054.00	0.00%
IT PublicSafetyLaptopRplc	ZMI032	31,871.00	24,900.00	-	6,971.00	78.13%
IT Doc Collbrtn EOC Softw	ZMI037	14,045.00	-	-	14,045.00	0.00%
IT Doc Collbrtn EOC Softw	ZMI037	19,502.00	-	-	19,502.00	0.00%
IT VideoSurveillance&Sec.	ZMI040	25,387.00	4,524.29	12,048.68	8,814.03	
IT VideoSurveillance&Sec.	ZMI040	9,853.00	8,367.87	-	1,485.13	
IT VideoSurveillance&Sec.	ZMI040	504.00	-	-	504.00	0.00%
FN INTERACTIVE VOICE RECO	ZMI047	95,900.00	-	-	95,900.00	0.00%
CM ERP Software System	ZMI054	2,182,301.00	53,757.02	-	2,128,543.98	2.46%
IT Virtual Desktop Infra	ZMI058	103,830.00	-	-	103,830.00	0.00%
LE Proj-25 Radio Rplcmnt	ZMI067	421,410.00	399,230.62	17,105.86	5,073.52	98.80%
IT CH Annex Tech Infrastr	ZMI069	140,570.00	210.00	139,440.65	919.35	99.35%
IT FibrOpticNetTracerWire	ZMI070	40,000.00	-	-	40,000.00	0.00%
Total for 505 Lease & Replacement Fund:		**3,441,870.00**	**596,176.22**	**175,307.28**	**2,670,386.50**	**22.41%**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201501
ZMI054

Project Name:	Enterprise Resource Planning System	**Project Manager:**	Alan Rosen
Department:	City Manager	**Original Plan Date:**	03/31/14
Location:	City Hall	**Concurrency Requirement:**	
Goal / Objective:	Goal 6, Objectives 2; Goal 5 Objectives 4&5	**Priority II**:	ESSENTIAL (Should-Do)

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, and possibly community development, utilities and public works operations.

The City previously funded $2,000,000 towards hardware and software in FY15, FY16, and FY17. An additional $200,000 was funded in FY18 and $282,000 per year is requested for the next three years to cover internal management, additional part time/temporary staff to backfill positions and implementation services. These are necessary for the successful implementation of our new system to ensure that staff has adequate resources and expertise to manage the entire process. These additional funds will also bolster the $2 million already funded based on more recent pricing information and a better understanding of what the City may purchase as it moves forward in the process.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Temporary Assistance	-	85,000	85,000	84,000	-	-	-	254,000
Consulting/Prj. Management	200,000	97,000	97,000	98,000	-	-	-	492,000
Construction	-	-	-	-	-	-	-	-
Software Sub./Hardware Capital	300,000	-	-	-	-	-	-	300,000
Implementation Services	1,700,000	100,000	100,000	100,000	-	-	-	2,000,000
TOTAL PROJECT COSTS	**2,200,000**	**282,000**	**282,000**	**282,000**	**-**	**-**	**-**	**3,046,000**

SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Lease & Replacement Fund 505	2,200,000	282,000	282,000	282,000	-	-	-	3,046,000
Other	-	-	-	-	-	-	-	-
Unfunded	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**2,200,000**	**282,000**	**282,000**	**282,000**	**-**	**-**	**-**	**3,046,000**

OPERATIONAL IMPACT

The major operational impact to the City will be software maintenance. Software purchase and maintenance costs will be determined by the type of ERP the City choses. If we purchase a solution that we host, the upfront costs will be significant and the software maintenance costs will be lower. If we purchase a hosted solution, the initial costs will be lower, but the maintenance costs will be higher. The industry has been moving recently to focus on hosted solution and this option may be a more likely outcome. The maintenance cost below is based on an average of 350 licenses at approximately $1,000 per license per year. However, this cost will be offset in future years due to the decreased license cost of Naviline and other solutions that the new ERP may replace.

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Additional Revenues								
Charges for Services	-	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-	-
Less Additional Expenditures								-
New Personnel	-	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	350,000	350,000	350,000	350,000	350,000	1,750,000
Non Operating (Debt Service)	-	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**350,000**	**350,000**	**350,000**	**350,000**	**350,000**	**1,750,000**

FUNDING SOURCES	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Information Technology Fund (501)	-	-	350,000	350,000	350,000	350,000	350,000	1,750,000
General Fund (001)	-	-	-	-	-	-	-	-
Total	**-**	**-**	**350,000**	**350,000**	**350,000**	**350,000**	**350,000**	**1,750,000**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201023

Project Name:	Thermal Imaging Camera Replacement Program	**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 1 Objectives 2	**Priority I:**	IMPERATIVE (Must-Do)

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.

Note: **Project FIR005** was established in FY13 and 4 cameras were purchased for $7,400/each. Two from the Fire Program Fund 609, one from the Fire Impact Fee Fund 311 (new camera) and the other from the Lease and Replacement Fund 505 (replacement camera). Prior to establishing the project the department purchased two cameras for a total cost of $12,015 from General Fund 001.

We are projecting to start the replacement cycle again in 2020 at an estimated cost of $7,800 per camera.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-
Equipment	41,615	-	15,600	15,600	15,600		-	88,415
TOTAL PROJECT COSTS	**41,615**	**-**	**15,600**	**15,600**	**15,600**	**-**	**-**	**88,415**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Fire Program Fund 609 (closed)	14,800	-	-	-	-	-	-	14,800
General Capital Rplcmnt Fund 317	-	-	-	-	-	-	-	-
Lease & Replacement Fund 505	7,400	-	15,600	15,600	15,600		-	54,200
General Capital Fund 317-Unfunded	-	-					-	-
Fire Impact Fee Fund 311	7,400	-	-	-	-	-	-	7,400
General Fund 001	12,015	-	-	-	-	-	-	12,015
TOTAL PROJECT REVENUE	**41,615**	**-**	**15,600**	**15,600**	**15,600**	**-**	**-**	**88,415**

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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Fund 001	**-**	**-**	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**		**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201637
FIR014

Project Name:	Extrication Equipment	**Project Manager:**	Ken Fustin
Department:	Fire Rescue	**Original Plan Date:**	03/01/15
Location:		**Concurrency Requirement:**	
Goal / Objective:	Goal 1 Objective 2	**Priority I**:	IMPERATIVE (Must-Do)

DESCRIPTION / JUSTIFICATION:

Description:
Purchase of six new cutters for all fire apparatuses.

Impact:
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. The purchase of the new Amkus cutters will be placed on a 5-year replacement plan to account for the improved technologies in vehicles. The rate at which vehicle manufactures are producing lighter and stronger metals renders this tool obsolete in a shorter timeframe. Establishing a replacement cycle of every five years will ensure that our department is capable of performing extrication procedures on all vehicles that pass within our boundaries.
The plan is to replace all 5 cutters in FY23. Each costs approximately $8,000.

Note: **Project FIR014** was established in FY16 with s $40,000 budget. In FY17 and FY18 an additional $80,000 was funded for this project.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-
Equipment	120,000	-	-	-	-	40,000	-	160,000
TOTAL PROJECT COSTS	**120,000**	**-**	**-**	**-**	**-**	**40,000**		**160,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Capital Rplcmnt Fund 317	-	-	-	-	-	-	-	-
Lease & Replacement Fund 505	120,000	-	-	-	-	40,000		160,000
General Capital Fund 317-Unfunded	-	-	-	-	-	-		-
TOTAL PROJECT REVENUE	**120,000**	**-**	**-**	**-**	**-**	**40,000**		**160,000**

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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Fund 001	**-**	**-**	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201839

Project Name:	Emergency Traffic Control	**Project Manager:**	Ken Fustin
Department:	Fire Rescue	**Original Plan Date:**	02/01/17
Location:	Fire Stations	**Concurrency Requirement:**	
Goal / Objective: Goal 1 Objective 2		**Priority I**:	IMPERATIVE (Must-Do)

DESCRIPTION / JUSTIFICATION:

The current infrared Traffic Management System (TMS), which was implemented in 1997, then upgraded to cover the majority of the City's intersections in all four directions in 2001, has become unreliable, antiquated, and expensive to repair. The replacement of the TMS with a modern GPS system will provide the City with a more reliable and efficient TMS. The benefits to the City include: reduction in response times up to 25%, 70% reduction in crash rates at intersections, and decreases liability. GPS TMS can also be installed on any City vehicle. To equip ONLY the fire apparatus and Battalion Chief vehicle, and protect ONLY the major intersections of the city, the cost is $120,000. To cover all fire apparatus, the Battalion Chief, and one administrative vehicle with ALL intersections in the city covered, the cost is $287,000. If the City decided to lease the equipment in lieu of buying it, it would be a recurring cost of $39,571 per year over 10 years (total cost of $395,710). Each additional vehicle, regardless of whether the City buys the system or leases it, costs $4,423 per vehicle to upgrade it with the equipment that is needed to have the GPS TMS installed.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-
Equipment	-	120,000	167,000	-	-	-	-	287,000
TOTAL PROJECT COSTS	**-**	**120,000**	**167,000**	**-**	**-**	**-**	**-**	**287,000**

SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Capital Rplcmnt Fund 317	-	-	-	-	-	-	-	-
Lease & Replacement Fund 505	-	120,000	167,000	-	-	-	-	287,000
General Capital Fund 317-Unfunded	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**-**	**120,000**	**167,000**	**-**	**-**	**-**	**-**	**287,000**

OPERATIONAL IMPACT

The expected cost for maintenance of the new system will be approximately $5,000 per year.

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Additional Revenues								
Charges for Services	-	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-	-
Less Additional Expenditures								
New Personnel	-	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	5,000	5,000	5,000	5,000	20,000
Non Operating (Debt Service)	-	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**5,000**	**5,000**	**5,000**	**5,000**	**20,000**

FUNDING SOURCES	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Fund 001	-	-	-	5,000	5,000	5,000	5,000	20,000
Total	**-**	**-**	**-**	**5,000**	**5,000**	**5,000**	**5,000**	**20,000**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201842

Project Name:	Radios	**Project Manager:**	Ken Fustin
Department:	Fire Rescue	**Original Plan Date:**	02/07/17
Location:	Fire Stations	**Concurrency Requirement:**	
Goal / Objective: Goal 1 Objective 2		**Priority I**:	IMPERATIVE (Must-Do)

DESCRIPTION / JUSTIFICATION:

Our sixty-four hand-held portable radios were discontinued by Harris Corporation in 2010, and end of support was December 31, 2015. Communications International (CI) states that they have enough parts, etc. to keep us going for the next year or so, but they are not able to give a 'drop-dead" date as we are not the only users of this platform, so the best guess is that CI will be able to support these radios thru the end of 2017, early 2018 at the latest. Additionally, Volusia County owns the PSAPs, and will be switching over to a full P25 phase II compliant system, as Harris Corporation (proprietors of the current, outdated EDACS radio system) has announced that they will no longer support EDACS after 2017. Cost breakdown as such:

- 64 portable radios @ $3,330.41 ($213,146.24)
- 64 batteries @ $57.60 (3686.40)
- 64 mics for radios @ $108.12 ($6,919.68)
- Programming for 64 radios @ $34.00 ($2,176.00)
- Shipping for all radios ($250.00)
- 64 trade-ins valued @ $195.00 each (-$12,480)

Note: This project was going to be phased with $113,215 worth of equipment replaced in FY18 and $113,215 in FY19. The City funded 10% of the initial replacement cost - $12,000 (**project FIR021**) in FY18 and the Department applied for Assistance to Firefighters Grant (AFG) for the remaining 90%. The grant application however was denied leaving the project unfunded. The Department has re applied for the AFG grant in FY18 and will know if the grant is approved sometime between April and September, 2018. Any grant funding approved will reduce the funding amount from the 505 Lease Fund.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Engineering & Planning	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-
Equipment	12,000	214,430	-	-	-	-	-	226,430
TOTAL PROJECT COSTS	**12,000**	**214,430**	**-**	**-**	**-**	**-**	**-**	**226,430**

SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Capital Rplcmnt Fund 317	-	-	-	-	-	-	-	-
Lease & Replacement Fund 505	12,000	214,430	-	-	-	-	-	226,430
Future Grant/Bond	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**12,000**	**214,430**	**-**	**-**	**-**	**-**	**-**	**226,430**

OPERATIONAL IMPACT

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

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Fund 001	-	**-**	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

LEASE AND REPLACEMENT FUND

FLEET REPLACEMENT SCHEDULE - Fire and Rescue

VEH #	MAKE	DESCRIPTION	YEAR	FY19	FY20	FY21	FY22	FY23	FY24
3100 FIRE DEPARTMENT									
1664	PIERCE	ENFORCER PUMPER BACKUP	2004	900,000	-	-	-		-
1793	FORD	F550 BRUSH TRUCK	2008	-	-	-	-	70,000	-
1802	TATRA	BRUSH TRUCK/TANKER	2008	-	420,000	-	-	-	-
1832	PIERCE	CONTENDER PUMPER (MOVES TO BACKUP)	2009	-	-	-	-	-	725,000
1866	CHEVY	K2500 4X4 PICKUP	2011	-	-	45,000	-	-	-
1867	CHEVY	K2500 4X4 PICKUP	2011	-	-	45,000	-	-	
1868	CHEVY	K2500 4X4 PICKUP	2011	-	-	45,000	-	-	
2045	FORD	EXPLORER SUV	2014	-	-	-	-	-	26,000
9402	POLARIS	RANGER ATV	2013	-	-	-	-	15,000	-
NEW	TBD	Emergency Transport Vehicle(to be funded from Gen Fund 001-3100 if approved by City Council)	2019	75,000	185,000	195,000	-		-
NEW	TBD	Ariel Quint Apparatus(to be funded from Gen Fund 001-3100 if approved by City Council)	2019	950,000	-	-	-		-
NEW	TBD	Rescue Company(to be funded from Gen Fund 001-3100 if approved by City Council)	2019	-	-	1,000,000	-		-
		TOTAL - Fire and Rescue:		**1,925,000**	**605,000**	**1,330,000**	**-**	**85,000**	**751,000**
		Less: Vehicles/Equip purchased out of Fire:		**(1,025,000)**	**(185,000)**	**(1,195,000)**	**-**	**-**	**-**
		Grand Total:		**900,000**	**420,000**	**135,000**	**-**	**85,000**	**751,000**

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

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201846

Project Name:	Aerial Quint Apparatus	**Project Manager:**	Ken Fustin
Department:	Fire Rescue	**Original Plan Date:**	
Location:	Fire Stations	**Concurrency Requirement:**	
Goal / Objective:	Goal 1 Objective 2	**Priority I**:	IMPERATIVE (Must-Do)

DESCRIPTION / JUSTIFICATION:

Aerial Quint to provide for a longer reach (Riverwalk) and as recommended by ISO. Based on current sales quote from Pierce a new Aerial Quint company is currently running close to $1.25M, not including tools, fire hose, etc. that this apparatus would need. Again, that price will go up by around 3% per year, as also noted for the Heavy Rescue (201841).

Another option is to sell our existing Quint 72 and use the proceeds to offset the cost of this Aerial Quint apparatus. Possible proceeds could be between $250 and $350K.

Note: This is a purchase of a new apparatus that will need to be approved as part of the FY19 operating budget process.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Engineering & Planning	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-
Equipment	-	950,000	-	-	-	-	-	950,000
TOTAL PROJECT COSTS	**-**	**950,000**	**-**	**-**	**-**	**-**	**-**	**950,000**

SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Capital Rplcmnt Fund 317	-	-	-	-	-	-	-	-
Lease & Replacement Fund 505	-	-	-	-	-	-	-	-
General Operating Fund 001	-	950,000	-	-	-	-	-	950,000
TOTAL PROJECT REVENUE	**-**	**950,000**	**-**	**-**	**-**	**-**	**-**	**950,000**

OPERATIONAL IMPACT

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

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Fund 001	-	**-**	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**		**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201841

Project Name:	Rescue Company	**Project Manager:**	Ken Fustin
Department:	Fire Rescue	**Original Plan Date:**	06/01/17
Location:	Fire Stations	**Concurrency Requirement:**	

Goal / Objective: Goal 1 Objective 2 **Priority II** ESSENTIAL (Should-Do)

DESCRIPTION / JUSTIFICATION:

Rescue company - possible funding from South East Fire Rescue Agencies. As the Southeast Regional Fire Departments (SERF) move towards a consolidated and regional approach to special operations deployment and response, we find it necessary to have one standard response vehicle to store and deploy the most likely needed equipment for a structural fire, EMS call, high angle rescue, confined space rescue, a structural collapse or a trench/excavation cave in. To have all the various types of equipment in one response vehicle will require a vehicle of this type. Based on current sales quote from Pierce a new Rescue company is priced at $875,000. This estimate is good through calendar year 2017, but will go up 3% per year afterward. The additional $125,000 will be used to outfit the apparatus with hand tools, fire hose, extrication equipment, specialized rescue equipment, etc. The current quote from Ten-8 Fire Equipment to outfit the apparatus is $112,260.97, but will go up the longer the project is delayed.

Note: This is a purchase of a new apparatus that will need to be approved as part of the FY20 operating budget process.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-
Equipment	-	-	-	1,000,000	-	-	-	1,000,000
TOTAL PROJECT COSTS	**-**	**-**	**-**	**1,000,000**	**-**	**-**	**-**	**1,000,000**

SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Capital Rplcmnt Fund 317	-	-	-	-	-	-	-	-
Lease & Replacement Fund 505	-	-	-	-	-	-	-	-
General Operating Fund 001	-	-	-	1,000,000	-	-	-	1,000,000
Grant Funding	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**-**	**-**	**-**	**1,000,000**	**-**	**-**	**-**	**1,000,000**

OPERATIONAL IMPACT

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

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Fund 001	-	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

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 2 Infrastructure	**Priority II:**	ESSENTIAL (Should-Do)

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.

Additional funding is requested in FY19 to install several strands of dedicated single-mode fiber optic cable from City Hall to FS73 to splice into the single-mode fiber optic cables that connect FS73 to the PD in order to create a straight path from City Hall to PD, bypassing FS73. This will allow redundant connectivity from the EOC to City Hall without relying on FS73. This was an issue during both recent hurricanes that caused connectivity to fail at the EOC because of power issues at FS73.

Note: **Project ZMI015** Municipal Network currently has $71,445 budgeted/available in FY18. This is recurring capital expense for the City and various amounts have been funded throughout the years: FY07-$86,000; FY14 - FY16 - $75,000/year; FY17 - $45,000, and FY18 - $20,000.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-
Equipment	376,519	40,000	30,000	30,000	30,000	30,000	30,000	566,519
TOTAL PROJECT COSTS	**376,519**	**40,000**	**30,000**	**30,000**	**30,000**	**30,000**	**30,000**	**566,519**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Information Technology Fund (501)	-	-	-	-	-	-	-	-
Lease & Replacement Fund 505	376,519	40,000	30,000	30,000	30,000	30,000	30,000	566,519
Unfunded	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**376,519**	**40,000**	**30,000**	**30,000**	**30,000**	**30,000**	**30,000**	**566,519**

OPERATIONAL IMPACT

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

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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 2 Infrastructure	**Priority II**:	ESSENTIAL (Should-Do)

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 as highly available storage area networks with 23 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.

Note: **Project ZMI016** Computer Hardware currently has $57,490 budgeted/available in FY18. This is recurring capital expense for the City and various amounts have been funded throughout the years.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-
Equipment	458,050	25,000	25,000	25,000	25,000	25,000	25,000	608,050
TOTAL PROJECT COSTS	**458,050**	**25,000**	**25,000**	**25,000**	**25,000**	**25,000**	**25,000**	**608,050**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Information Technology Fund (501)	30,701	-	-	-	-	-	-	30,701
Lease & Replacement Fund 505	427,349	25,000	25,000	25,000	25,000	25,000	25,000	577,349
Unfunded	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**458,050**	**25,000**	**25,000**	**25,000**	**25,000**	**25,000**	**25,000**	**608,050**

OPERATIONAL IMPACT

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

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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 1 Public Safety	**Priority II**:	ESSENTIAL (Should-Do)

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 re appropriate funds from alternate accounts to supplement this project. FY16, FY17 and FY18 funding of $30,000 each was deemed adequate in order to maintain appropriate technology levels. Equivalent funding is being requested for FY19.

Note: Project ZMI032 Police Laptop Replacement Program currently has $31,871 budgeted/available in FY18. This is recurring capital expense and the City and various amounts have been funded throughout the years.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Engineering & Planning	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-
Equipment	264,155	30,000	30,000	30,000	30,000	30,000	30,000	444,155
TOTAL PROJECT COSTS	**264,155**	**30,000**	**30,000**	**30,000**	**30,000**	**30,000**	**30,000**	**444,155**

PROPOSED SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Information Technology Fund 501	-	-	-	-	-	-	-	-
Lease & Replacement Fund 505	204,160	30,000	30,000	30,000	30,000	30,000	30,000	384,160
Federal Police Forfeiture Fund 625	59,995	-	-	-	-	-	-	59,995
TOTAL PROJECT REVENUE	**264,155**	**30,000**	**30,000**	**30,000**	**30,000**	**30,000**	**30,000**	**444,155**

OPERATIONAL IMPACT

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

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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 Organizational Excellence / Objective 2	**Priority III**:	IMPORTANT (Could-Do)

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.

Additional funding requests to complete this project that were originally requested for FY19 are being deferred to FY20. In prior years the City funded $350,000 towards this project - $250,000 in FY16 and $100,000 in FY17.

Note: Project ZMI058 Virtual Desktop Infrastructure currently has $103,830 budgeted/available in FY18.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-
Equipment	350,001	-	100,000	-	-	-	-	450,001
TOTAL PROJECT COSTS	**350,001**	**-**	**100,000**	**-**	**-**	**-**	**-**	**450,001**

SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Information Technology Fund 501	-	-	-	-	-	-	-	-
Lease & Replacement Fund 505	350,001	-	100,000	-	-	-	-	450,001
Unfunded	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**350,001**	**-**	**100,000**	**-**	**-**	**-**	**-**	**450,001**

OPERATIONAL IMPACT

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

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Information Technology Fund (501)	-	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201831

Project Name:	Fiber Optic Network Tracer Wire	**Project Manager:**	James Hicks
Department:	Information Technology	**Original Plan Date:**	03/24/17
Location:	Various	**Concurrency Requirement:**	
Goal / Objective: Goal 2 Objective 3		**Priority II**:	ESSENTIAL (Should-Do)

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. This fiber is an underground utility that is required to be located when construction work is planned in the vicinity. In order to locate this fiber properly, tracer wire needs to be installed along the conduit where the fiber is located. Unfortunately, many years ago when the fiber network was constructed, low grade tracer wire (or no tracer wire at all) was used which has since lost its ability to carry a signal properly. This results in incorrect or failed reads which could result in a construction company inadvertently damaging or cutting the fiber optic cable leading to loss of communications at many city facilities.

This project will address the need to have proper heavy gauge tracer wire installed along the approximately 8.5 miles of fiber optic cable that the city owns and maintains. GPS locate devices will also be dropped inside each of the pull boxes that will allow the boxes to be located quicker and more efficiently.

Note: Project ZMI070 was established in FY18 with a budget of $40,000 to fund the first phase of the project. Additional $40,000 is being requested in FY19.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	-	-	-	-	-	-	-
Construction	24,000	24,000	-	-	-	-	-	48,000
Equipment	16,000	15,800	-	-	-	-	-	31,800
TOTAL PROJECT COSTS	**40,000**	**39,800**	**-**	**-**	**-**	**-**	**-**	**79,800**

SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Information Technology Fund (501)	-	-	-	-	-	-	-	-
Lease & Replacement Fund 505	40,000	39,800	-	-	-	-	-	79,800
Unfunded	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**40,000**	**39,800**	**-**	**-**	**-**	**-**	**-**	**79,800**

OPERATIONAL IMPACT

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

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Information Technology Fund (501)	-	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201933

Project Name:	Digital Signage	**Project Manager:**	James Hicks
Department:	Information Technology	**Original Plan Date:**	02/28/18
Location:	City Hall	**Concurrency Requirement:**	

Goal / Objective: Goal 6 Organizational Excellence **Priority III**: IMPORTANT (Could-Do)

DESCRIPTION / JUSTIFICATION:

Staff is proposing to replace the physical signage located inside both 1st and 2nd floor of City Hall with digital LED signage that could be updated more efficiently as well as better promote city services and events and integrate with social media. This project would remove the existing signs, install electrical outlets, and mount a flat screen vertically in portrait mode to display information. Much of the installation could be done in-house by city staff with some minor electrical and refurbishment work outsourced. This project will also address the need to replace the aging sign board at Dunlawton near the City Hall Annex with a modern LED sign that can be updated with content wirelessly or through an ethernet connection.

Note: The City has previously budgeted $22,000 in the Lease and Replacement Fund 505 for a sign board at Dunlawton near the City Hall Annex (**project AIO033**) but the funding was reallocated to **project AIO014** - City Hall Annex Construction.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Equipment	-	15,000	-	-	-	-	-	15,000
Electrical	-	3,000	-	-	-	-	-	3,000
Installation	-	7,500	-	-	-	-	-	7,500
TOTAL PROJECT COSTS	**-**	**25,500**	**-**	**-**	**-**	**-**	**-**	**25,500**

SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Information Technology Fund (501)	-	-	-	-	-	-	-	-
Lease & Replacement Fund 505	-	25,500	-	-	-	-	-	25,500
Unfunded	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**-**	**25,500**	**-**	**-**	**-**	**-**	**-**	**25,500**

OPERATIONAL IMPACT

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

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Information Technology Fund (501)	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

LEASE AND REPLACEMENT FUND
FLEET REPLACEMENT SCHEDULE - Parks and Recreation

VEH #	MAKE	DESCRIPTION	YEAR	FY19	FY20	FY21	FY22	FY23	FY24
4400 PARKS DEPARTMENT									
1760	FORD	E150 VAN	2006	30,000	-	-	-	-	-
1863	CHEVY	C2500 UTILITY	2011	-	-	28,000	-	-	-
2009	CHEVY	2500HD UTILITY	2013	-	-	-	-	26,000	-
2013	CHEVY	2500HD UTILITY	2013	-	-	-	-	26,000	-
2036	FORD	TRANSIT CARGO VAN	2013	-	-	-	-	22,000	-
2038	CHEVY	2500HD UTILITY	2014	-	-	-	-	-	26,000
2042	CHEVY	2500HD UTILITY	2014	-	-	-	-	-	26,000
6221	MASSEY	240 TRACTOR/LOADER	1999	35,000	-	-	-	-	-
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	-	-	-	-
9118	JOHN DEERE	997 Z TRAK MOWER	2008	18,000	-	-	-	-	-
9216	JOHN DEERE	997 Z TRAK MOWER	2011	-	-	18,000	-	-	-
9308	JOHN DEERE	1200A FIELD RAKE	2012	-	-	-	13,000	-	-
9309	JOHN DEERE	1200A FIELD RAKE	2012	-	-	-	13,000	-	-
9403	JOHN DEERE	GATOR ATV	2013	-	-	-	-	8,000	-
9404	JOHN DEERE	GATOR ATV	2013	-	-	-	-	8,000	-
9406	JOHN DEERE	1200A FIELD RAKE	2013	-	-	-	-	14,000	-
9407	JOHN DEERE	1200A FIELD RAKE	2013	-	-	-	-	14,000	-
9523	JOHN DEERE	GATOR ATV	2014	-	-	-	-	8,000	-
9525	JOHN DEERE	1445 W/FLAIL MOWER	2014	-	-	-	-	-	26,000
9534	JOHN DEERE	997 Z TRAK MOWER	2014	-	-	-	-	-	18,000
9535	JOHN DEERE	997 Z TRAK MOWER	2014	-	-	-	-	-	18,000
9537	JOHN DEERE	997 Z TRAK MOWER	2014	-	-	-	-	-	18,000
		TOTAL - Parks and Recreation		**133,000**	**8,000**	**46,000**	**26,000**	**126,000**	**132,000**
	Less: Vehicles/Equip. Purchased out of Parks Maintenance:			-	-	-	-	-	-
		Grand Total:		**133,000**	**8,000**	**46,000**	**26,000**	**126,000**	**132,000**

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

LEASE AND REPLACEMENT FUND
FLEET REPLACEMENT SCHEDULE - Police

VEH #	MAKE	DESCRIPTION	YEAR	FY19	FY20	FY21	FY22	FY23	FY24
3200 POLICE DEPARTMENT									
1553	CHEVY	EXPRESS EVIDENCE VAN	2000	30,000	-	-	-	-	-
1701	CHEVY	SILVERADO 1500 PICKUP	2005	-	23,000	-	-	-	-
1757	FORD	E350 ERT VAN	2006	-	-	30,000	-	-	-
1821	CHEVY	COLORADO PICKUP PIO	2009	23,000	-	-	-	-	-
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 RPL W SUV	2011	-	39,000	-	-	-	-
1865	CHEVY	TAHOE SERGEANT 59 RPL W SUV	2011	-	-	39,000	-	-	-
1871	CHEVY	COLORADO PICKUP CSO	2012	-	-	-	21,000	-	-
1887	CHEVY	CAPRICE PATROL 8 RPL W SUV	2012	39,000	-	-	-	-	-
1888	CHEVY	CAPRICE PATROL 10 RPL W SUV	2012	39,000	-	-	-	-	-
1889	CHEVY	CAPRICE PATROL 13 RPL W SUV	2012	39,000	-	-	-	-	-
1890	CHEVY	CAPRICE PATROL 15 RPL W SUV	2012	39,000	-	-	-	-	-
1891	CHEVY	CAPRICE PATROL 35 RPL W SUV	2012	39,000	-	-	-	-	-
1892	CHEVY	CAPRICE PATROL 36 RPL W SUV	2012	39,000	-	-	-	-	-
1893	CHEVY	CAPRICE PATROL 53 RPL W SUV	2012	39,000	-	-	-	-	-
1894	CHEVY	CAPRICE PATROL 54 RPL W SUV	2012	39,000	-	-	-	-	-
1895	CHEVY	CAPRICE PATROL 55 RPL W SUV	2012	39,000	-	-	-	-	-
1896	CHEVY	CAPRICE PATROL 57 RPL W SUV	2012	39,000	-	-	-	-	-
2003	CHEVY	MALIBU DETECTIVE	2013	-	-	-	-	22,000	-
2004	CHEVY	MALIBU DETECTIVE	2013	-	-	-	-	22,000	-
2011	NISSAN	ALTIMA DETECTIVE	2013	-	-	-	-	22,000	-
2015	NISSAN	ALTIMA DETECTIVE	2013	-	-	-	-	22,000	-
2020	FORD	FUSION DETECTIVE	2013	-	-	-	-	22,000	-
2021	FORD	FUSION DETECTIVE	2013	-	-	-	-	22,000	-
2022	FORD	TAURUS ASST. CHIEF	2014	-	-	-	-	-	23,000
2023	FORD	TAURUS CHIEF	2014	-	-	-	-	-	23,000
2024	CHEVY	CAPRICE PATROL 12 RPL W SUV	2013	-	39,000	-	-	-	-
2025	CHEVY	CAPRICE PATROL 17 RPL W SUV	2013	-	39,000	-	-	-	-
2026	CHEVY	CAPRICE PATROL 20 RPL W SUV	2013	-	39,000	-	-	-	-
2027	CHEVY	CAPRICE PATROL 39 RPL W SUV	2013	-	39,000	-	-	-	-
2028	CHEVY	CAPRICE PATROL 23 RPL W SUV	2013	-	39,000	-	-	-	-
2029	CHEVY	CAPRICE PATROL 21 RPL SUV	2013	-	39,000	-	-	-	-
2030	CHEVY	2500HD ACO TRUCK	2013	-	65,000	-	-	-	-
2031	CHEVY	CAPRICE PATROL K9 40	2013	-	43,000	-	-	-	-
2033	CHEVY	CAPRICE PATROL 61	2013	-	39,000	-	-	-	-
2034	CHEVY	CAPRICE PATROL K9 11	2013	-	43,000	-	-	-	-
2040	CHEVY	CAPTIVA SUV	2013	-	-	-	-	22,000	-
2041	CHEVY	CAPTIVA SUV	2013	-	-	-	-	22,000	-
2046	FORD	INTERCEPTOR UTILITY 45 K-9	2014	-	-	45,000	-	-	-
2047	FORD	INTERCEPTOR UTILITY 63 K-9	2014	-	-	45,000	-	-	-
2048	CHEVY	2500HD ACO TRUCK	2013	-	-	-	-	70,000	-
2051	FORD	INTERCEPTOR SED 64 RPL W SUV	2014	-	-	39,000	-	-	-
2060	FORD	INTERCEPTOR SED 24 RPL W SUV	2015	-	-	-	39,000	-	-
2061	FORD	INTERCEPTOR SED 41 RPL W SUV	2015	-	-	-	39,000	-	-
2062	FORD	INTERCEPTOR SED 42 RPL W SUV	2015	-	-	-	39,000	-	-
2063	FORD	INTERCEPTOR SED 43 RPL W SUV	2015	-	-	-	39,000	-	-
2064	FORD	INTERCEPTOR SED 46 RPL W SUV	2015	-	-	-	39,000	-	-
2065	FORD	INTERCEPTOR SED 48 RPL W SUV	2015	-	-	-	39,000	-	-
2066	FORD	INTERCEPTOR SED 49 RPL W SUV	2015	-	-	-	39,000	-	-
2067	FORD	INTERCEPTOR SED 65 RPL W SUV	2015	-	-	-	39,000	-	-

LEASE AND REPLACEMENT FUND
FLEET REPLACEMENT SCHEDULE - Police

VEH #	MAKE	DESCRIPTION	YEAR	FY19	FY20	FY21	FY22	FY23	FY24
3200 POLICE DEPARTMENT									
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	-	-	-	-
2104	FORD	INTERCEPTOR SED 22 RPL W SUV	2016	-	-	-	-	39,000	-
2105	FORD	INTERCEPTOR SED 33 RPL W SUV	2016	-	-	-	-	39,000	-
2112	FORD	INTERCEPTOR SED 28 RPL W SUV	2016	-	-	-	-	39,000	-
2113	FORD	INTERCEPTOR SED 29 RPL W SUV	2016	-	-	-	-	39,000	-
2114	FORD	INTERCEPTOR SED 51 RPL W SUV	2016	-	-	-	-	39,000	-
2115	FORD	INTERCEPTOR SED 47 RPL E SUV	2016	-	-	-	-	39,000	-
2116	FORD	INTERCEPTOR SED 66 RPL E SUV	2016	-	-	-	-	39,000	-
2117	FORD	INTERCEPTOR SED 44 RPL W SUV	2016	-	-	-	-	39,000	-
2119	FORD	INTERCEPTOR SUV K-9 UNIT 44	2016	-	-	-	-	40,000	-
2120	FORD	F150 EXTENDED CAB PICKUP	2016	-	-	-	-	-	-
2125	FORD	INTERCEPTOR W K9(WAS PATR 14)	2016	-	-	-	-	39,000	-
2130	NISSAN	ALTIMA UNDERCOVER	2013					23,000	
2146	FORD	INTERCEPTOR SUV AWD 52	2017	-	-	-	-	-	39,000
2147	FORD	INTERCEPTOR SUV AWD 50	2017	-	-	-	-	-	39,000
2148	FORD	INTERCEPTOR SUV AWD 27	2017	-	-	-	-	-	39,000
2149	FORD	INTERCEPTOR SUV AWD 56	2017	-	-	-	-	-	39,000
2150	FORD	INTERCEPTOR SUV AWD 16	2017	-	-	-	-	-	39,000
2151	FORD	INTERCEPTOR SUV AWD 7	2017	-	-	-	-	-	39,000
2152	FORD	INTERCEPTOR SUV AWD 25	2017	-	-	-	-	-	39,000
2153	FORD	INTERCEPTOR SUV AWD 26	2017	-	-	-	-	-	39,000
2154	FORD	INTERCEPTOR SUV AWD 30	2017	-	-	-	-	-	39,000
2155	FORD	INTERCEPTOR SUV AWD 31	2017	-	-	-	-	-	39,000
2156	FORD	INTERCEPTOR SUV AWD 38	2017	-	-	-	-	-	39,000
2158	FORD	INTERCEPTOR SUV AWD 67	2017	-	-	-	-	-	39,000
2159	FORD	INTERCEPTOR SUV AWD 68	2017	-	-	-	-	-	39,000
2169	HARLEY	ELECTRA GLIDE MOTORCYCLE	2018	-	-	-	-	24,000	
2170	HARLEY	ELECTRA GLIDE MOTORCYCLE	2018	-	-	-	-	24,000	
2171	FORD	INTERCEPTOR SUV AWD 69	2017	-	-	-	-	-	39,000
2191	FORD	INTERCEPTOR SUV AWD 70	2018	-	-	-	-	-	39,000
NEW	FORD	INTERCEPTOR - 1 NEW OFFICER - $38,000(to be purchased out of 001-3200 in FY19 if approved)	2019	38,000	-	-	-	-	-
NEW		SEDAN - 1 NEW LIEUTENANT - $29,000(to be purchased out of 001-3200 in FY19 if approved)	2019	29,000	-	-	-	-	-
	ACCESSORIES	TRANSF OF RADIOS/RADARS/GRAPHICS		13,000	22,000	7,000	9,000	14,000	15,000
				523,000	**782,000**	**250,000**	**342,000**	**722,000**	**646,000**
		Less: Vehicles/Equip. purchased out of Police		**(67,000)**	**-**	**-**	**-**	**-**	**-**
		SUB TOTAL- Police		**456,000**	**782,000**	**250,000**	**342,000**	**722,000**	**646,000**
POLICE DEPARTMENT COMMUNITY IMPROVEMENT									
2012	TOYOTA	TACOMA EXT. CAB PICKUP	2013	-	-	-	-	22,000	-
		SUB TOTAL - Community Improvement		**-**	**-**	**-**	**-**	**22,000**	**-**
		GRAND TOTAL- Police		**456,000**	**782,000**	**250,000**	**342,000**	**744,000**	**646,000**

LEASE AND REPLACEMENT FUND
FLEET REPLACEMENT SCHEDULE - Public Utilities

VEH # MAKE	DESCRIPTION	YEAR	FY19	FY20	FY21	FY22	FY23	FY24
0200 WATER PRODUCTION								
1666 FORD	RANGER PICKUP	2004	21,000	-	-	-	-	-
1858 FORD	F350 UTILITY	2010	-	40,000	-	-	-	-
2010 CHEVY	2500HD 4X4 UTILITY	2013	-	-	-	-	42,000	-
2017 TOYOTA	TACOMA 4X4 PICKUP	2013					25,000	-
2018 TOYOTA	TACOMA 4X4 PICKUP	2013					25,000	-
8604 CATERPILLER	420E BACKHOE	2006			80,000			-
	SUB TOTAL - Water Production		**21,000**	**40,000**	**80,000**	**-**	**92,000**	**-**
0400 WASTEWATER								
	SUB TOTAL - Wastewater		**-**	**-**	**-**	**-**	**-**	**-**
0500 METER READERS								
1870 CHEVY	COLORADO PICKUP	2011	-	-	22,000	-	-	-
	SUB TOTAL - Meter Readers		**-**	**-**	**22,000**	**-**	**-**	**-**
0800 WATER DISTRIBUTION								
1872 CHEVY	COLORADO PICKUP	2012	-	-	-	18,000	-	-
1886 VACCON	VACCON PUMP	2013	-	-	-	-	360,000	-
2005 CHEVY	2500HD UTILITY	2013	-	-	-	-	28,000	-
2007 CHEVY	2500HD UTILITY	2013	-	-	-	-	28,000	-
2008 CHEVY	2500HD UTILITY	2013	-	-	-	-	28,000	-
2035 FORD	TRANSIT CARGO VAN	2013	-	-	-	-	22,000	-
8296 JOHN DEERE	310SG BACKHOE	2005	-	92,000	-	-	-	-
8355 THOMPSON	6 INCH PUMP	2005	40,000	-	-	-	-	-
8356 THOMPSON	6 INCH PUMP	2005	-	40,000	-	-	-	-
8404 THOMPSON	6 INCH PUMP	2005	-	40,000	-	-	-	-
8405 THOMPSON	6 INCH PUMP	2005	-	-	40,000	-	-	-
8406 THOMPSON	6 INCH PUMP	2005	-	-	40,000	-	-	-
9307 VACTRON	LP555DT VACCUM PUMP	2012	-	-	-	48,000	-	-
NEW	New Vehicle for New Position (to be purchased out of 401-0800 in FY19 if approved)	2018	40,000	-	-	-	-	-
NEW STERLING	VACCON TRUCK & PUMP (to be purchased out of 401-0800 in FY19 if approved)	2019	425,000	-	-	-	-	-
	Less: Vehicles/Equip. purchased out of PU Operating		**(465,000)**	-	-	-	-	-
	SUB TOTAL - Water Distribution		**40,000**	**172,000**	**80,000**	**66,000**	**466,000**	**-**
0824 LABORATORY OPERATIONS								
	SUB TOTAL - Laboratory Operations		**-**	**-**	**-**	**-**	**-**	**-**
0900 PUBLIC UTILITIES ADMINISTRATION								
1873 CHEVY	COLORADO PICKUP	2012	-	-	-	22,000	-	-
	SUB TOTAL - Public Utilities Administration		**-**	**-**	**-**	**22,000**	**-**	**-**
0901 WAREHOUSE								
8284 Nissan	FORKLIFT	2005	-	-	-	-	30,000	-
	SUB TOTAL - Warehouse		**-**	**-**	**-**	**-**	**30,000**	**-**
	TOTAL PUBLIC UTILITIES:		**61,000**	**212,000**	**182,000**	**88,000**	**588,000**	**-**
	GRAND TOTAL		**61,000**	**212,000**	**182,000**	**88,000**	**588,000**	**-**

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

LEASE AND REPLACEMENT FUND
FLEET REPLACEMENT SCHEDULE - Public Works

VEH #	MAKE	DESCRIPTION	YEAR	FY19	FY20	FY21	FY22	FY23	FY24
4300 PUBLIC WORKS									
1568	STERLING	LT7500 12YD DUMP	2001	-	125,000	-	-	-	-
1696	STERLING	LT7500 12YD DUMP	2004	-	-	-	125,000	-	-
1735	STERLING	ACTERRA TRASH TRUCK	2005	-	135,000	-	-	-	-
1860	FORD	F250 CREWCAB UTILITY	2011	-	-	28,000	-	-	-
1885	FORD	F550 DUMP	2012	-	-	-	40,000	-	-
2002	CHEVY	SILVERADO 1500 PICKUP	2013	-	21,000	-	-	-	-
2019	FORD	F150 PICKUP	2013	-	-	-	-	23,000	-
2043	FORD	EXPLORER SUV	2014	-	-	-	-	-	24,000
2057	CHEVY	SILVERADO 1500 4X4 PICKUP	2015	-	-	-	-	-	-
2081	FORD	F550 BUCKET TRUCK	2015	-	-	-	-	-	24,000
6166	ALLEMAND	LIGHT PLANT	1998	8,500	-	-	-	-	-
6193	ALLEMAND	LIGHT PLANT	1998	8,500	-	-	-	-	-
6357	SHOP BUILT	TRAILER (REFURB 2013)	1999	-	-	-	-	8,000	-
6380	ALLEMAND	LIGHT PLANT	1999	-	8,500	-	-	-	-
6561	ALLEMAND	LIGHT PLANT	2001	-	-	9,000	-	-	-
6613	JOHN DEERE	609 BUSHHOG ATT. (ON 6473)	2004	-	-	-	-	-	5,000
6905	ALLEMAND	LIGHT PLANT	2001	-	-	9,000	-	-	-
7983	TRIPLE CROWN	TRAILER	2003	-	-	-	-	8,000	-
8048	JOHN DEERE	GS-75 WALK BEHIND MOWER	2004	-	-	-	-	-	-
8053	JOHN DEERE	5105 BOX TRACTOR	2004	-	-	-	-	-	18,000
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	-	-	-	-	45,000	-
9529	JOHN DEERE	997 Z TRAK MOWER	2014	-	-	-	-	-	18,000
NEW	CMS	T331 SOLAR MESSAGE BOARD (to be purchased out of 001-4300 in FY19 if approved)	2019	18,000	-	-	-	-	-
NEW	CMS	T331 SOLAR MESSAGE BOARD (to be purchased out of 001-4300 in FY19 if approved)	2019	18,000	-	-	-	-	-
		Less: Vehicles/Equip. purchased out of PW Operating		**(36,000)**	**-**	**-**	**-**	**-**	**-**
		SUB TOTAL - Public Works		**17,000**	**289,500**	**46,000**	**180,000**	**84,000**	**89,000**
4200 BUILDING MAINTENANCE									
		SUB TOTAL - Building Maintenance		**-**	**-**	**-**	**-**	**-**	**-**
4500 VEHICLE MAINTENANCE									
1600	D 2500	3/4 TON 4X4	2001	-	45,000	-	-	-	-
		SUB TOTAL - Vehicle Maintenance		**-**	**45,000**	**-**	**-**	**-**	**-**
6100 SOLID WASTE ADMIN.									
2075	Chevy	2500HD Ext Cab Pickup	2015	-	-	-	-	-	-
		SUB TOTAL - Solid Waste Admin.		**-**	**-**	**-**	**-**	**-**	**-**
		TOTAL - Public Works		**17,000**	**334,500**	**46,000**	**180,000**	**84,000**	**89,000**
		GRAND TOTAL		**17,000**	**334,500**	**46,000**	**180,000**	**84,000**	**89,000**

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

LEASE AND REPLACEMENT FUND
FLEET REPLACEMENT SCHEDULE - Stormwater / Drainage

VEH #	MAKE	DESCRIPTION	YEAR	FY19	FY20	FY21	FY22	FY23	FY24
1800 DRAINAGE UTILITY									
1570	STERLING	LT7500 12YD DUMP	2001	-	125,000	-	-	-	-
1571	STERLING	LT7500 12YD DUMP	2001	-	125,000	-	-	-	-
1575	STERLING	LT7500 12YD DUMP	2001	-	125,000	-	-	-	-
1576	STERLING	LT7500 12YD DUMP	2001	-	125,000	-	-	-	-
1775	STERLING	LT7500 VACCON	2006	-	-	360,000	-		-
1869	CHEVY	K2500 UTILITY 4X4	2011	-	-	28,000	-		-
2014	CHEVY	2500HD UTILITY	2013	-	-		-	28,000	-
2016	CHEVY	2500HD UTILITY 4X4	2013	-	-	-	-	32,000	-
6556	JOHN DEERE	550 DOZER	2001	-	-	150,000	-	-	-
6560	CASE	721 LOADER	2001	-	-	120,000	-	-	-
9064	MENZI MUCK	WALKING EXCAVATOR	2008	-	-	320,000	-	-	-
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	-	-	-	-	-	20,000
9522	JOHN DEERE	997 Z TRAK MOWER	2014	-	-	-	-	-	20,000
9536	JOHN DEERE	997 Z TRAK MOWER	2014	-	-	-	-	-	20,000
									-
		TOTAL - Drainage Utility		**-**	**500,000**	**978,000**	**27,000**	**60,000**	**60,000**
		Less: Equipment Purchased out of Drainage Fund 412:		-	-	-	-	-	-
		Grand Total:		**-**	**500,000**	**978,000**	**27,000**	**60,000**	**60,000**
									-

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

LEASE AND REPLACEMENT FUND
FLEET REPLACEMENT SCHEDULE - Cypress Head Golf Course

VEH #	MAKE	DESCRIPTION	YEAR	FY19	FY20	FY21	FY22	FY23	FY24
Cypress Head Golf Course									
6791	JOHN DEERE	5105 TRACTOR	2003	25,000	-	-	-	-	-
6879	TORO	3100D ROUGH MOWER	1997	-	28,000	-	-	-	-
6882	MONTANA	4920 FRONT END LOADER	2007	-	-	-	30,000	-	-
6893	JOHN DEERE	2500B GREENS MOWER (1693)	2008	27,000	-	-	-	-	-
6897	JOHN DEERE	7700 FAIRWAY MOWER	2009	55,000	-	-	-	-	-
6899	SISIS	GREENS MULTI SHEARER	2009	-	7,500	-	-	-	-
9229	CUSHMAN	HAULER 800	2012	-	8,500	-	-	-	-
9230	CUSHMAN	HAULER 1200	2012	-	8,500	-	-	-	-
9405	JOHN DEERE	2500B GREENS MOWER	2013	-	-	32,500	-	-	-
9408	JOHN DEERE	2500B GREENS MOWER	2013	-	-	32,500	-	-	-
9532	JOHN DEERE	2500B GREENS MOWER	2014	-	-	-	33,000	-	-
9533	JOHN DEERE	2500B GREENS MOWER	2014	-	-	-	-	33,000	-
9559	JOHN DEERE	GATOR TE ELECTRIC	2015	-	-	-	10,500	-	-
9560	JOHN DEERE	GATOR TE ELECTRIC	2015	-	-	-	-	10,500	-
9603	TORO	3280 72" DECK MOWER	2015	-	-	-	-	-	21,000
	EZ GO	GOLF CARTS (75)	2016	225,000	-	-	-	-	-
		TOTAL Golf Course at Cypress Head		**332,000**	**52,500**	**65,000**	**73,500**	**43,500**	**21,000**

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

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Revenue and Expense Projections by Fund

Building Maintenance Fund 506	FY18	FY19	FY20	FY21	FY22	FY23	FY24
Revenues							
Actual thru 05/31/2018	1,471,095						
Remainder of FY18	733,310						
Transfers		2,519,998					
Interest on Investments		1,850					
Total Revenues:	**2,204,405**	**2,521,848**					
Expenditures							
Actual thru 05/31/2018	1,523,294						
Encumbrances	178,688						
Remaining FY18 - Personnel	152,721						
Remaining FY18 - Operating	429,787						
Remaining FY18 - Capital	130,880						
Remaining FY18 - Contingency	11,000						
Remaining FY18 - Transfer for Debt	207,842						
Personnel Services		476,581					
Operating Expenses		1,274,477					
Transfers for Debt - 2014 Cap Imprv Bonds		624,390					
Capital Outlay		6,400					
Capital Improvement Program (CIP)		-					
Standby Power Generator Rebuild / Replacement		100,000	100,000	100,000	100,000	100,000	100,000
Kitchen Replacement at FS71 & FS74		40,000	-	-	-	-	-
Total Expenditures:	**2,634,211**	**2,521,848**	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**
Increase / (Decrease) per Fiscal Year:	(429,807)	-	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)
Beginning Available Funds (Cash Reserves):	690,233	260,426	260,426	160,426	60,426	(39,574)	(139,574)
Ending Available Funds (Cash Reserves):	**260,426**	**260,426**	**160,426**	**60,426**	**(39,574)**	**(139,574)**	**(239,574)**

Committed FY18 Building Maintenance Fund Projects as of 5/31/18

PROJECT DESC	PROJ #	BUDGET	EXPENSES	ENCUMBERED	BALANCE	% BUDGET EXPENDED
P Asset Mgmt Software Sys	DIP064	94.00	-	93.75	0.25	99.73%
P City Hall Light Sensors	OBM009	37,000.00	-	-	37,000.00	0.00%
P Rplc Bay Doors FS73	OBM010	60,820.00	-	58,020.00	2,800.00	
P Generator for FS71	OBM011	55,120.00	55,120.00	-	-	
P Generator for FS73	OBM013	81,080.00	-	-	81,080.00	0.00%
CM City Sponsored Event	ZMI071	-	133.20	-	(133.20)	-
Total for 506 Building Maintenance Fund:		**234,114.00**	**55,253.20**	**58,113.75**	**120,747.05**	**48.42%**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201870

PROJECT NAME:	Standby Power Generator Rebuild/Replacement	**Project Manager:**	Buttrum/Flagg
DEPARTMENT:	Public Works	**Original Plan Date:**	February 18, 2017
LOCATION:	Various Locations	**Concurrency Requirement:**	N/A

Goal / Objective: **Goal 2 Objective 2** **Priority I: IMPERATIVE** (Must-*Do*)

DESCRIPTION/JUSTIFICATION:

Purchase and Installation of Stand-by power generators and transfer switches at various City facilities. Public Works currently maintains 18 generators.

While routine preventative maintenance is performed on all the City's generators, they are still affected by the environment and will be placed on a replacement schedule much like the vehicles and equipment the City owns going forward and will be based on 15-year replacement schedules. Maximum useful life for backup generators as defined by FEMA is 19 years.

Note: In FY18 the City funded $76,000 for the replacement of generator at Fire Station 73 (**project OBM013**).

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Engineering & Planning	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-
Equipment	76,000	100,000	100,000	100,000	100,000	100,000	100,000	676,000
TOTAL PROJECT COSTS	**76,000**	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**	**676,000**

PROPOSED SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Capital Fund 317 - Funded	-	-	-	-	-	-	-	-
General Capital Fund 317 - Unfunded	-		-	-	-	-	-	-
Building Maintenance Fund 506	76,000	100,000	100,000	100,000	100,000	100,000	100,000	676,000
TOTAL PROJECT REVENUE	**76,000**	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**	**676,000**

OPERATIONAL IMPACT

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Fund - (001)	**-**	**-**	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**		**-**

PUBLIC WORKS STANDBY GENERATORS INVENTORY

	Generator Location	Year	Make	S/N	KW
1	Trailwood Pump Station		Cummins Onan QTS30-G5	37227326 C070042106	750
2	City Hall		Detroit 6063TK35 400 DSE	06R08347030 2047132	400
3	New Police Station North		Generac P222FE 10456910500	EUY0B802353 2101166	600
4	New Police Station South		Generac P222FE 10456910500	EUYOB802368 2101165	600
5	Public Works		Cummins 6CTA8.3 DGFB5588551	46276204 A030453821	175
6	Old Police Station		Detroit 6063TX35 275REOZD	06R0509875 0632631	275
7	Public Works Backup		Detroit 6063HK35 400DSE	06R083131683	400
8	Public Works Portable		Kohler Generator/John Deere Power	T04039D346489 4039FF001	25
9	Ruth St Pump Station		Baldor IDLC275-4JU/John Deere 6090HF484	37227326 C070042106	275
#	Fire Station 1		Kohler 135R02J	RG6081T138314 707983	135
#	Fire Station 2		John Deere 6068HF485	PE6068L055157 178301-1-1-0908	200
#	Fire Station 3		Cummins DFCE5601251	30369608 C030482466	400
#	Fire Station 4		Generac 99A037985 9G22T87800867	TE861237 2049299	130
#	Fire Station 5		John Deere 6068HF485	PE6068L054629 178293-1-1-0908	200
#	YMCA		Kohler 350ROZD81	08VF175810 395924	350
#	Gymnasium		400FDR8024GG 10637305	6A0421786 MB-95189	155
#	Parks & Rec Warehouse		John Deere Magnamiten Genset	TO4276D126719 RN3256824	45
#	Pavilion		Detroit 6063MK35	06R0897648 2095153	250

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201871

Project Name:	Kitchen Replacement	**Project Manager:**	Frank Flagg
Department:	Public Works	**Original Plan Date:**	03/10/16
Location:	FS 71 & 74	**Concurrency Requirement:**	N/A
Goal / Objective:	**Goal 2, Objective 2**	**Priority II:**	**ESSENTIAL** *(Should-Do)*

DESCRIPTION / JUSTIFICATION:

The kitchens at Fire Stations 71 and 74, built in 2001 and 1999 respectively, are in need of repair. Over the years, the kitchens at these stations have had, through normal wear and tear, water damage in and around the sink and dishwasher areas resulting in compromise to the integrity of the cabinetry as well as the counters. The cabinets, counters and backsplash will need to be removed and replaced at each location. Additionally, updating the kitchens will help to improve the living conditions at the stations for both our employees as well as the public's impression of our facilities when they visit.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-
Equipment	-	40,000	-	-	-	-	-	40,000
TOTAL PROJECT COSTS	**-**	**40,000**	**-**	**-**	**-**	**-**	**-**	**40,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Operating - Fire 001	-	-	-	-	-	-	-	-
Fire Impact Fee Fund 311	-	-	-	-	-	-	-	-
Lease & Replacement Fund 505	-	-	-	-	-	-	-	-
Building Maintenance Fund 506	-	40,000	-	-	-	-	-	40,000
TOTAL PROJECT REVENUE	**-**	**40,000**	**-**	**-**	**-**	**-**	**-**	**40,000**

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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Fund (001)	**-**	**-**	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Capital Improvement Program (CIP) FY19 - FY24

Summary by Funding Source

(in thousands)

#	Project	Department	FY19	FY20	FY21	FY22	FY23	FY24	Total
Projects that have Contingent Proposed Funding:									
Bond/Debt/Grant /Other Funding									
201838	Training Facility / Tower	Fire	-	500	-	-	-	-	500
201378	West Side Sports Complex	Parks & Rec.	-	860	60	1,150	575	575	3,220
201686	The REC Ctr Remodel and Expansion	Parks & Rec.	400	-	-	-	-	-	400
201794	Playground Replacements	Parks & Rec.	-	174	-	-	-	-	174
201795	Westside Community Center	Parks & Rec.	-	-	-	-	55	4,000	4,055
038971	WRF Nutrient Removal Process Improvements	Public Utilities	-	-	3,000	-	-	-	3,000
038972	WRF - Water Reuse Program	Public Utilities	-	-	1,000	-	-	-	1,000
039494	Water Treatment Plant - 3 Million Gal Water Storage Tank	Public Utilities	-	-	1,000	-	-	-	1,000
049468	Sewer System Rehab - Force Main River Crossing	Public Utilities	-	1,000	-	-	-	-	1,000
089409	Field Operations - Sewer System Expansion	Public Utilities	-	1,100	1,000	1,000	-	-	3,100
201642	Howes Street Stormwater Improvements	Stormwater	-	341	-	-	-	-	341
201865	Virginia Ave and Monroe St. Drainage Basin	Stormwater	1,394	-	-	-	-	-	1,394
	Total Contingent Proposed Bond/Debt/Grant/Other Funding:		**1,794**	**3,975**	**6,060**	**2,150**	**630**	**4,575**	**19,184**

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

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201838

Project Name:	Training Facility/Tower	**Project Manager:**	Ken Fustin
Department:	Fire Rescue	**Original Plan Date:**	02/01/17
Location:	Fire Stations	**Concurrency Requirement:**	
Goal / Objective: Goal 1 Objective 2		**Priority I**:	IMPERATIVE (Must-Do)

DESCRIPTION / JUSTIFICATION:

Currently Fire Rescue does not have an easily accessible training ground available on a regular basis within the City Limits. Requesting to build a new training facility to include a burn building, smoke/high rise tower, and the installation of piping to carry LP gases, air, and water for simulated hazardous materials incidents. Facilities are also required to ensure personnel can meet the training requirements established by OSHA for confined space training. Renovations at the former facility, located at 5839 Trailwood Drive, have been proposed for many years. Due to Fire Station #72's relocation and subsequent use as a drainage/retention area, it is necessary to construct a new and possibly joint training facility. The requested funding is based on estimates from vendors and conversations with Fire professionals that are currently working on similar projects.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Engineering & Planning	-	75,000	-	-	-	-	-	75,000
Construction	-	-	1,325,000	-	-	-	-	1,325,000
Equipment	-	-	100,000	-	-	-	-	100,000
TOTAL PROJECT COSTS	**-**	**75,000**	**1,425,000**	**-**	**-**	**-**	**-**	**1,500,000**

SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Capital Rplcmnt Fund 317	-	-	-	-	-	-	-	
Fire Impact Fee Fund 311	-	75,000	403,000		-	-	-	478,000
General Capital Fund 317-Unfunded	-	-	522,000		-	-	-	522,000
Possible Funding from Other Cities	-	-	500,000					500,000
TOTAL PROJECT REVENUE	**-**	**75,000**	**1,425,000**	**-**	**-**	**-**	**-**	**1,500,000**

OPERATIONAL IMPACT

Additional annual operating costs will include general maintenance and repairs, utilities, insurance, and operating supplies. Some of these costs may be offset by new revenue generated from renting the training faculty to other agencies.

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Additional Revenues								
Charges for Services	-	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-	-
Less Additional Expenditures								
New Personnel	-	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	2,000	2,000	2,000	2,000	8,000
Non Operating (Debt Service)	-	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**2,000**	**2,000**	**2,000**	**2,000**	**8,000**

FUNDING SOURCES	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Fund 001	-	**-**	-	2,000	2,000	2,000	2,000	8,000
Total	**-**	**-**	**-**	**2,000**	**2,000**	**2,000**	**2,000**	**8,000**

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 3 Objective 1 **Priority III**: **IMPORTANT** (*Could do*)

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.

FY19 Phase I:	Needs Assessments, Master Plan and Land Acquisition
FY20 Phase II:	Engineering, planning and permits
FY21 Phase III:	Construction of roads and infrastructure and first set of amenities
FY22 Phase IV:	Construction of second set of amenities
FY23 Phase V:	Construction of third set of amenities
FY24 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:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Engineering & Planning	-	-	60,000	60,000	150,000	75,000	75,000	420,000
Land Acquisition	-	-	800,000	-	-	-	-	800,000
Construction	-	-	-	-	1,000,000	500,000	500,000	2,000,000
Equipment	-	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**-**	**-**	**860,000**	**60,000**	**1,150,000**	**575,000**	**575,000**	**3,220,000**

PROPOSED SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Operating - Recreation 001	-	-	-	-	-	-	-	-
Recreation Impact Fee Fund 611	-	-	-	-	-	-	-	-
Grants / Bonds	-	-	860,000	60,000	1,150,000	575,000	575,000	3,220,000
TOTAL PROJECT REVENUE	**-**	**-**	**860,000**	**60,000**	**1,150,000**	**575,000**	**575,000**	**3,220,000**

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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Additional Revenues								
Charges for Services	-	-	-	-	18,000	18,000	18,000	54,000
Other Revenues	-	-	-	-	-	-	-	-
Less Additional Expenditures								
New Personnel	-	-	-	-	91,380	101,308	101,308	293,996
Maintenance and Other Operating	-	-	-	-	40,000	50,000	50,000	140,000
Non Operating (Debt Service)	-	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**113,380**	**133,308**	**133,308**	**379,996**

FUNDING SOURCES	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Fund (001)	**-**	-	-	-	113,380	133,308	133,308	379,996
Total	**-**	**-**	**-**	**-**	**113,380**	**133,308**	**133,308**	**379,996**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201686

Project Name:	Recreational Educational Cultural (REC) Center Remodel and Expansion	**Project Manager:**	Susan L. Lovallo
Department:	Parks & Recreation	**Original Plan Date:**	02/01/15
Location:	Port Orange Gym	**Concurrency Requirement:**	

Goal / Objective: Goal 3 Objective 1 **Priority II**: **ESSENTIAL** (*Should Do*)

DESCRIPTION / JUSTIFICATION:

The Gym building is currently 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 and staff is recommending that the building is repurposed as a Recreational, Cultural and Educational Center and the admin offices relocated. The remodel of the second floor will include dance/exercise room, new restrooms and ADA access. The first floor would have renovated restrooms, a youth activity room and meeting space. The City will complete a limited design in FY18 in order to apply for ECHO funding in FY19. If the grant funding is approved the City will be responsible for funding 100% of the design cost and 50% of the construction cost.

Estimate provided by the Facility Manager is:

Engineering	$	80,000
Construction		720,000
Inspections		30,000
Contingency		80,000
Total Renovation:	**$**	**910,000**

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Engineering & Planning	-	80,000	-	-	-	-	-	80,000
Construction	-	830,000	-	-	-	-	-	830,000
Equipment	-	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**-**	**910,000**	**-**	**-**	**-**	**-**	**-**	**910,000**

PROPOSED SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Operating - Recreation 001	-	-	-	-	-	-	-	-
General Capital Fund 317 - Funded	-	510,000	-	-	-	-	-	510,000
General Capital Fund 317 - Unfunded	-	-	-	-	-	-	-	-
Grants / Bonds	-	400,000	-	-	-	-	-	400,000
TOTAL PROJECT REVENUE	**-**	**910,000**	**-**	**-**	**-**	**-**	**-**	**910,000**

OPERATIONAL IMPACT

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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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:	Airport Road Park	**Concurrency Requirement:**	No

Goal / Objective: **Goal 2 Objective 4** **Priority I** : **IMPERATIVE** (*Must-Do*)

DESCRIPTION / JUSTIFICATION:

The playground at Airport Road is 19 years old and in need of replacement. The playground is 5,966 sq. feet. ECHO grant funding is available for this project.

Note: This is a recurring project (**QPC074)** and currently has a budget balance of $19,748, budgeted in General Fund 001 and General Capital replacement Fund 317. In FY18 the Department is replacing the small playground at Spruce Creek Park (SCRP) that has met its life expectancy of 20 years.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Engineering & Planning	-	43,750	-	-	-	-	-	43,750
Construction	-	-	347,500	-	-	-	-	347,500
Equipment	115,000	-	-	-	-	-	-	115,000
TOTAL PROJECT COSTS	**115,000**	**43,750**	**347,500**	**-**	**-**	**-**	**-**	**506,250**

PROPOSED SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Operating - Recreation 001	10,000	-	-	-	-	-	-	10,000
Recreation Impact Fee Fund 611	-	-	-	-	-	-	-	-
General Capital Fund 317 - Funded	105,000	-	-	-	-	-	-	105,000
General Capital Fund 317 - Unfunded		43,750	173,750					217,500
ECHO Grant	-	-	173,750	-	-	-	-	173,750
TOTAL PROJECT REVENUE	**115,000**	**43,750**	**347,500**	**-**	**-**	**-**	**-**	**506,250**

OPERATIONAL IMPACT

No additional operating costs are projected with this project.

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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 3 Objective 1** — **Priority III**: **IMPORTANT** (*Could do*)

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:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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

Require 1 FT Center Supervisor, 1 Ft Program Coordinator, 1 FT program Specialist and 50 hours per week Part time.

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Fund (001)	**-**	**-**	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 038971
SSP016

PROJECT NAME	WRF Nutrient Removal Process Improvements	**Project Manager:**	Parnell
DEPARTMENT	Public Utilities	**Original Plan Date:**	FY2019
LOCATION	RWP, Reservoir, & Remote PS	**Concurrency Requirement:**	N/A

Goal / Objective: Goal 2 Objectives 2, 4 — **Priority III**: **IMPORTANT** *(Could-Do)*

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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
BNR Upgrade								
Engineering Design for Plant	-	-	500,000					500,000
Modification for 5-5-3-1								
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:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer Op Fund (401)	-	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	-	-	-	-	-	-	-	-
Water Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	500,000	3,000,000	-	-	-	3,500,000
Future Grant/Bonds	-	-	-	3,000,000	-	-	-	3,000,000
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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 038972
SSP017

PROJECT NAME:	Water Reclamation Facility - Water Reuse Program	**Project Manager:**	Parnell
DEPARTMENT	Public Utilities	**Original Plan Date:**	2019
LOCATION	Wellfields	**Concurrency Requirement:**	Water Conservation

Goal / Objective: 2 Objectives 1,2 **Priority III**: **IMPORTANT** *(Could-Do)*

DESCRIPTION/JUSTIFICATION:

A three million gallon ground storage tank with pump station to provide additional reuse supply for irrigation and minimize discharge to the Halifax River. Location to be identified in utility master plan. Staff will apply for grant funding. Current grant funding from SFRWMD is 33% for shovel ready projects.

Project		PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
3 MG Ground Storage		-	300,000	-	3,000,000	-	-	-	3,300,000
and pump station									
TOTAL		**-**	**300,000**	**-**	**3,000,000**	**-**	**-**	**-**	**3,300,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning		300,000	-	-	-	-		300,000
Land	-	-	-	-	-	-		-
Construction	-	-	-	3,000,000	-	-		3,000,000
Equipment	-	-	-	-	-	-		-
TOTAL PROJECT COSTS	**-**	**300,000**	**-**	**3,000,000**	**-**	**-**		**3,300,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23		TOTAL
Water & Sewer Op Fund (401)	-	-	-	-	-	-		-
Water & Sewer R&R Fund (403)	-	-	-	-	-	-		-
Water Impact Fee Fund (405)	-	-	-	-	-	-		-
Sewer Impact Fee Fund (405)	-	300,000	-	2,000,000	-	-		2,300,000
Future Grant/Bonds	-	-	-	1,000,000	-	-		1,000,000
TOTAL PROJECT REVENUE	**-**	**300,000**	**-**	**3,000,000**	**-**	**-**		**3,300,000**

OPERATIONAL IMPACT

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

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Additional Revenues								
Charges for Services	-	-	-	-	-	-		-
Other Revenues	-	-	-	-	-	-		-
Less Additional Expenditures								
New Personnel	-	-	-	-	-	-		-
Maintenance and Other Operating	-	-	30,000	60,000	60,000	60,000	60,000	270,000
Non Operating (Debt Service)		-	-	-	-	-		-
Net Annual Impact on Operations	**-**	**-**	**30,000**	**60,000**	**60,000**	**60,000**	**60,000**	**270,000**

FUNDING SOURCES	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer O&M Fund (401)	-	-	30,000	60,000	60,000	60,000	60,000	270,000
	-	-	-	-	-	-		-
Total	**-**	**-**	**30,000**	**60,000**	**60,000**	**60,000**	**60,000**	**270,000**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 039494
WWP007

PROJECT NAME	Water Treatment Plant-3 Million Gal Wtr Storage Tank	**Project Manager:**	Lynn Stevens
DEPARTMENT	Public Utilities / Water Plant	**Original Plan Date:**	FY 17
LOCATION	WTP Facilities	**Concurrency Requirement:**	N/A

Goal / Objective: Goal 2 Objective 2,3,4 **Priority II**: **ESSENTIAL** *(Should-Do)*

DESCRIPTION/JUSTIFICATION:

The water plant produces and distributes an average of 6 million gallons per day of drinking water. The plant has one water storage tank that holds 1 million gallons. The tank was constructed in 1983. There are three storage tanks located throughout the City to store a total of 4.5 million gallons of water. In order to ensure water can be produced and distributed continuously from the treatment plant, an additional storage tank needs to be constructed. It is recommended that a three million gallon tank be constructed on the property adjacent to the water plant. The City owns the property. The existing pumping equipment would be sufficient to distribute the water from the new tank. Since this is an expansion of service to our customers, water impact fee funds could be used.

PROJECT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
3 million gallon water storage tank	-	300,000	-	3,000,000				3,300,000
								-
TOTAL:	**-**	**300,000**	**-**	**3,000,000**	**-**	**-**	**-**	**3,300,000**

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	300,000	-	-	-	-	-	300,000
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	3,000,000	-	-	-	3,000,000
Equipment	-	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**-**	**300,000**	**-**	**3,000,000**	**-**	**-**	**-**	**3,300,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer Op Fund (401)	-	-	-	-	-	-	-	**-**
Water & Sewer R&R Fund (403)	-	-						**-**
Water Impact Fee Fund (405)	-	300,000	-	2,000,000	-	-	-	2,300,000
Sewer Impact Fee Fund (405)	-	-	-	-	-	-	-	**-**
Future Grant/Bonds	-	-	-	1,000,000	-	-	-	1,000,000
TOTAL PROJECT REVENUE	**-**	**300,000**	**-**	**3,000,000**	**-**	**-**	**-**	**3,300,000**

OPERATIONAL IMPACT

This project would not impact the operating budget for the treatment plant.

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-	-	**-**
	-	-	-	-	-	-	-	**-**
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 049468 **URHXXX**

Project Name:	Sewer System Rehab - Force Main River Crossing	**Project Manager:**	Lynn Stevens
Department:	Public Utilities	**Original Plan Date:**	03/22/18
Location:	River Crossing	**Concurrency Requirement:**	

Goal / Objective: **Goal 2 Objective 2** **Priority I**: **IMPERATIVE** (Must-do)

DESCRIPTION / JUSTIFICATION:

To provide a second sewage transmission force main under the Halifax River and connecting to the existing sewer system at US 1. There is currently only 1 - 20" diameter pipeline crossing under the Halifax River to provide service to Ponce Inlet, Daytona Beach Shores, and Port Orange customers east of US1 and north of Dunlawton. The pipeline was installed in 1986 and constructed of ductile iron pipe. The pipe is not very deep under the bed of the river and exposed to salt water. There is no secondary service to this are should the pipeline fail. In addition, Ponce Inlet is undertaking a septic to sewer program to increase the amount of customers in that area. This new pipeline would provide more reliability and ensure sufficient capacity for the new customers. Since this new pipeline provides redundancy and expanded capacity to the beachside area, we believe grant funding is available.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	300,000	-	-	-	-	-	300,000
Construction	-	-	2,000,000	-	-	-	-	2,000,000
Equipment	-	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**-**	**300,000**	**2,000,000**	**-**	**-**	**-**	**-**	**2,300,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer Op Fund (401)	-	-	-	-	-	-	-	-
Water & Sewer R&R Fund (403)	-	300,000	-	-	-	-	-	300,000
Water Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	-	-	1,000,000	-	-	-	-	1,000,000
Future Grant/Bonds	-	-	1,000,000	-	-	-	-	1,000,000
TOTAL PROJECT REVENUE	**-**	**300,000**	**2,000,000**	**-**	**-**	**-**	**-**	**2,300,000**

OPERATIONAL IMPACT

there will be no operational impact. This is an underwater pipeline.

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer O&M Fund (401)	**-**	**-**	-	-	-	-	-	-
	-	**-**	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**		**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 089409
UET023

Project Name:	Field Operations - Sewer System Expansion	**Project Manager:**	Wilson/Gardiner
Department:	Public Utilities	**Original Plan Date:**	10/1/2017
Location:	Citywide	**Concurrency Requirement:**	
Goal / Objective:	Goal 2 Objective 1	**Priority I**:	**IMPERATIVE** *(Must-Do)*

DESCRIPTION / JUSTIFICATION:

Locations and priority of sewer system construction were ranked by the Wade Trim septic tank study completed in June 2017. In FY 18, we contracted with a design engineer to begin Phase 1 design. Projects must be shovel ready to apply for grant funding. In FY19, staff will apply for grant funding for phase 1 and begin design of phase 2. In FY 20, with grants secured, construction of phase 1 will commence followed by construction of phase 2 in FY21.

Program	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	Total
Septic to Sewer Phase 1	-	-	3,000,000	-				3,000,000
Septic to Sewer Phase 2	-	300,000	-	3,000,000	-	-	-	3,300,000
Septic to Sewer Phase 3	-	-	300,000	-	3,000,000	-	-	3,300,000
Prior Years	1,064,299	-	-	-	-	-	-	1,064,299
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	1,064,299	**300,000**	**3,300,000**	**3,000,000**	**3,000,000**	**-**	**-**	**10,664,299**

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	300,000	300,000	-	-	-	-	600,000
Construction	1,064,299	-	3,000,000	3,000,000	3,000,000	-	-	10,064,299
Equipment	-	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**1,064,299**	**300,000**	**3,300,000**	**3,000,000**	**3,000,000**	**-**	**-**	**10,664,299**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer Op Fund (401)	542,610	-	-	-	-	-	-	542,610
Water & Sewer R&R Fund (403)	-	-	-		-	-	-	-
Water Impact Fee Fund (405)	-	-	-	-	-	-	-	-
Sewer Impact Fee Fund (405)	521,689	300,000	2,200,000	2,000,000	2,000,000	-	-	7,021,689
Future Grant/Bonds	-	-	1,100,000	1,000,000	1,000,000	-	-	3,100,000
TOTAL PROJECT REVENUE	**1,064,299**	**300,000**	**3,300,000**	**3,000,000**	**3,000,000**	**-**	**-**	**10,664,299**

OPERATIONAL IMPACT

This project will increase the number of lift stations in the system. However, until design is complete, operational impact cannot be accurately determined.

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Water & Sewer O&M Fund (401)	-	-	-	-	-	-		-
	-	-	-	-	-	-		-
Total	**-**	**-**	**-**	**-**	**-**	**-**		**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201642

PROJECT NAME:	Howes Street Stormwater Improvements	**Project Manager:**	James Buttrum
DEPARTMENT:	Stormwater Utility	**Original Plan Date:**	March 18, 2015
LOCATION:	Various	**Concurrency Requirement:**	N/A

Goal / Objective: Goal 2 Objective 2 — **Priority I: IMPERATIVE** (Must-*Do*)

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. The proposed solution to alleviate roadway flooding consist of constructing 25 storm inlets, +/-1,150 LF of exfiltration trenches, +/-1,610 LF of RCP pipe, and +/- 2,560 LF of curbings to collect stormwater runoff. Part of Orange Ave roadway will be re-built to eliminate low spots. The new stormwater system will be connected to the B-23 Canal at Howes Street and Westridge Avenue for discharge.

After the design is completed the department is going to seek grant funding.

Note: **Project DIP069** was established in FY17 with a budget of $49,000 for the Engineering & Planning.

PROJECT EXPENDITURES/FUNDING SOURCES:

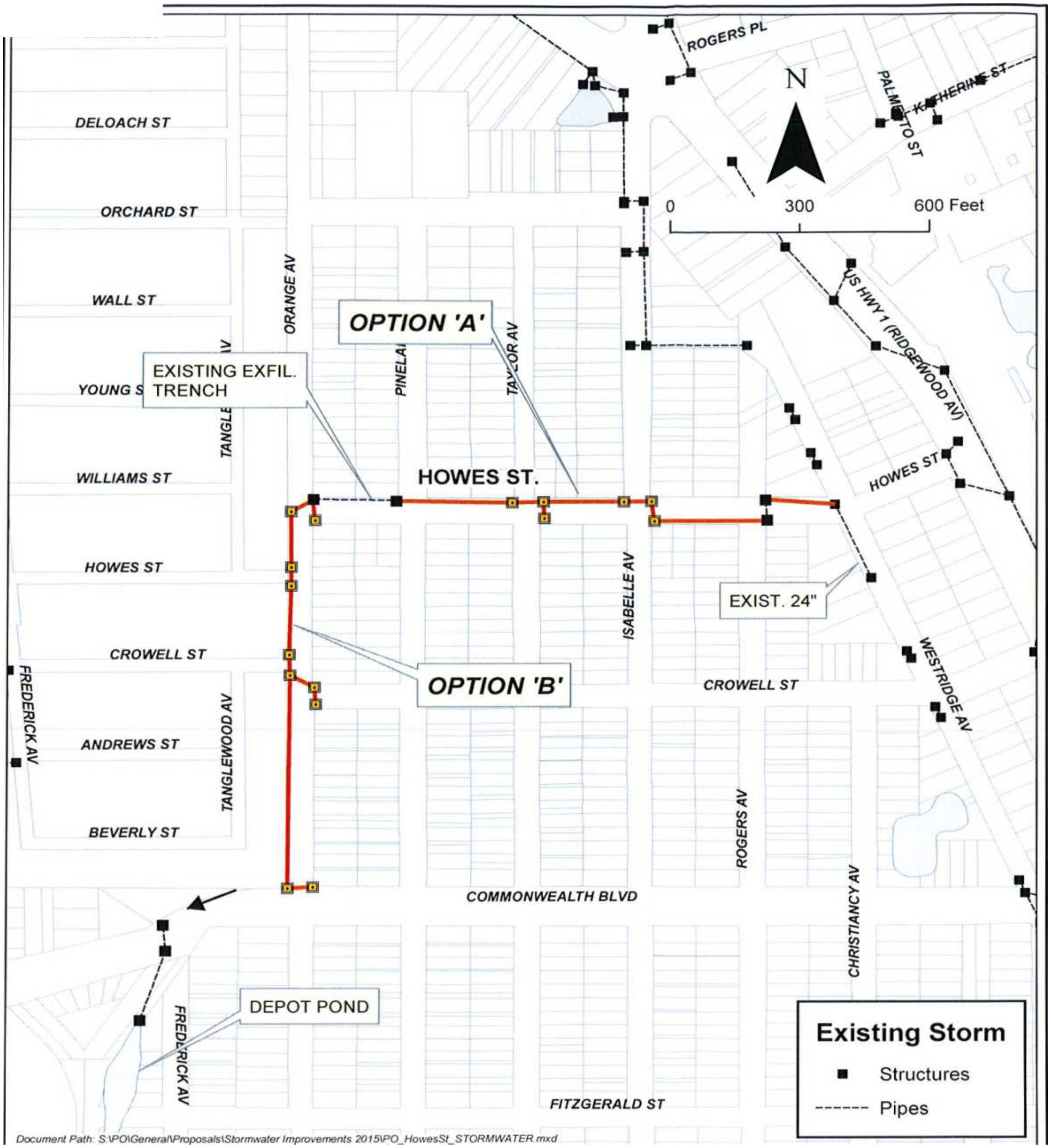
PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	49,000	-	-	-	-	-	-	49,000
Engineering Administration / Inspection	-	-	60,000	-	-	-	-	60,000
Construction	-	-	1,004,641	-	-	-	-	1,004,641
TOTAL PROJECT COSTS	**49,000**	**-**	**1,064,641**	**-**	**-**	**-**	**-**	**1,113,641**
PROPOSED SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Operating - (001)	-	-	-	-	-	-	-	-
Drainage 412 Fund - Funded	49,000	-	723,204	-	-	-	-	772,204
Grant Funding-unsecured	-	-	341,437	-	-	-	-	341,437
Drainage 412 Fund - Unfunded	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**49,000**	**-**	**1,064,641**	**-**	**-**	**-**	**-**	**1,113,641**

OPERATIONAL IMPACT

No operational cost expected.

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Drainage Operating Fund 412	-	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Additional Detail for Stormwater Utility CIP Project Page 201642 - Howes St. Stormwater Improvements



CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201865
DIP059

Project Name:	Virginia Ave and Monroe St. Drainage Basin	**Project Manager:**	James Buttrum
Department:	Stormwater Utility	**Original Plan Date:**	March 24, 2017
Location:	Virginia Ave and Monroe St.	**Concurrency Requirement:**	

Goal / Objective: **Goal 2 Objective 1,2**   **Priority I: IMPERATIVE** (*Must-Do*)

DESCRIPTION/JUSTIFICATION:

This project will provide solutions to address the flooding which will include construction of stormwater pump stations with force mains, retention ponds, and additional conveyance enhancements including pipes and inlets. The construction of the retention ponds and pumps will require the acquisition and purchase of land and relocation of utilities where needed.

Component	Total Cost	City Cost*	Grants	Schedule
Engineering & Planning	$ 85,736	$ 85,736	$ -	Completed in FY18
Construction	$ 2,600,000	427,431	2,172,569	End of FY18-Beginning of FY19
Unforeseen Conditions	$ 260,000	260,000	-	As needed
Land Purchase	$ 350,000	-	350,000	FY18 or FY19
Total Project Cost:	**$ 3,295,736**	**$ 773,167**	**$ 2,522,569**	

* Funded in prior year

Note: Project **DIP059** currently has a balance of $1,432,083. A FEMA HMGP grant totaling $644,250 is pending for FY19. In FY 19 FDEP will award a State Appropriation in the amount of $750,000.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Engineering & Planning	85,736	-	-	-	-	-	-	85,736
Construction	1,083,583	1,776,417	-	-	-	-	-	2,860,000
Land Purchase	350,000	-	-	-	-	-	-	350,000
	-							-
TOTAL PROJECT COSTS	**1,519,319**	**1,776,417**	**-**	**-**	**-**	**-**	**-**	**3,295,736**

PROPOSED SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Operating - (001)	-	-	-	-	-	-	-	-
Drainage 412 Fund - Funded	391,000	382,167	-	-	-	-	-	773,167
Various Grants	1,128,319	1,394,250	-	-	-	-	-	2,522,569
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**1,519,319**	**1,776,417**	**-**	**-**	**-**	**-**	**-**	**3,295,736**

OPERATIONAL IMPACT

Property and future drainage improvements will be maintained by the City, which will impact the operating budget.

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Additional Revenues								
Charges for Services	-	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-	-
Less Additional Expenditures								
New Personnel	-	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	1,000	1,000	1,000	1,000	4,000
Non Operating (Debt Service)	-	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**1,000**	**1,000**	**1,000**	**1,000**	**4,000**
	-							-

FUNDING SOURCES	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Drainage Operating Fund 412	**-**	**-**	**-**	1,000	1,000	1,000	1,000	4,000
		-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**1,000**	**1,000**	**1,000**	**1,000**	**4,000**

Capital Improvement Program (CIP) FY19 - FY24

Summary by Funding Source

(in thousands)

#	Project	Department	FY19	FY20	FY21	FY22	FY23	FY24	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
201008	Yorktowne Blvd North Section (Nautica Lakes)	Comm. Dvlp.	-	1,200	-	-	-	-	1,200
	Total Contingent Proposed Developer Constructed Funding:		**-**	**1,200**	**220**	**518**	**4,350**	**-**	**6,288**

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

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 200905

Project Name:	Williamson Blvd North of Pavilion	**Project Manager:**	CD Engineer
Department:	Community Development	**Original Plan Date:**	February 20, 2008
Location:	North Boundary-Pavilion to Town West Blvd.	**Concurrency Requirement:**	Yes -Transportation

Goal / Objective: Goal 3 Objective 5 **Priority III:** IMPORTANT (Could-Do)

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:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Engineering & Planning	-	-	-	220,000	-	-	-	220,000
Right-of Way (stc	-		-		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:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Capital Rplcmnt Fund 317								
Transportation Impact Fee Fund - 312	-	-	-	-	-	-	-	-
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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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 3 Objective 5	**Priority IV**:	DESIRABLE (Other Year)

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) 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:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Capital Rplcmnt Fund 317	-							
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 that the Public Works Department would incur additional mowing and drainage maintenance costs. The average annual operational cost for a new road (5 miles or less) 1 (one) year after construction is $1,500 for the first 7 (seven) years of life.

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Additional Revenues								
Charges for Services	-	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-	-
Less Additional Expenditures								
New Personnel	-	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	-	-	-		1,500	1,500
Non Operating (Debt Service)	-	-	-	-	-	-	-	-
Net Annual Impact on Operations	**PRIOR YEARS**	**-**	**-**	**-**	**-**	**-**	**1,500**	**1,500**

FUNDING SOURCES		**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Operating - (001)	-	**-**	**-**	-	-	-	1,500	1,500
Total			**-**	**-**	**-**	**-**	**1,500**	**1,500**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201008
PNC015

Project Name:	Yorktowne Blvd. - North Segment	**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 3 Objective 5 **Priority III:** IMPORTANT (Could-Do)

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 and Williamson Boulevard, south of Willow Run Boulevard.

The north segment is +/- 3,000 feet from the B-19 tributary crossing to Willow Run Boulevard and located on the former Nautica Lakes PCD property. The 100' right-of-way needed for this segment has not been dedicated to the City. The landowner has completed roadway design plans for this segment that link to the City's Central segment plans. The City and the landowner are working on the roadway design modifications for this segment and dedication of the right-of-way to allow the full extension to be completed from Hidden Lake Drive to Willow Run Boulevard. This project is proposed as either a 2-lane or 4-lane divided curb and gutter road designed to major collector street standards. 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 remain in the annually updated Comprehensive Plan Capital Improvements Element (CIE).

Note: Project PNC015 was established in FY17 with a budget of $6,000 for the Feasibility Study.

PROJECT EXPENDITURES / FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Feasibility Study	6,000	-	-	-	-	-	-	6,000
Engineering & Planning	-	-	-	-	-	-	-	-
Right-of-way Acquisition	-	-	-	-	-	-	-	-
Construction	-	-	1,200,000	-	-	-	-	1,200,000
TOTAL PROJECT COSTS	**6,000**	**-**	**1,200,000**	**-**	**-**	**-**	**-**	**1,206,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Capital Rplcmnt Fund 317	-	-	-	-	-	-	-	-
Transportation Impact Fee Fund - 312	6,000	-	-	-	-	-	-	6,000
Proportionate Fair Share Contributions	-	-	-	-	-	-	-	-
Proposed Developer Constructed		-	1,200,000	-	-	-	-	1,200,000
TOTAL PROJECT REVENUE	**6,000**	**-**	**1,200,000**	**-**	**-**	**-**	**-**	**1,206,000**

OPERATIONAL IMPACT

This road was designed as a City collector and will be 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. The average annual operational cost for a new road (5 miles or less) 1 (one) year after construction is $1,500 for the first 7 (seven) years of life.

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Additional Revenues								
Charges for Services	-	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-	-
Less Additional Expenditures								
New Personnel	-	-	-	-	-	-	-	-
Maintenance and Other Operating	-	-	1,500	1,500	1,500	1,500	1,500	7,500
Non Operating (Debt Service)	-	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**1,500**	**1,500**	**1,500**	**1,500**	**1,500**	**7,500**

FUNDING SOURCES	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Operating - (001)	**-**	**-**	1,500	1,500	1,500	1,500	1,500	7,500
Total	**-**	**-**	**1,500**	**1,500**	**1,500**	**1,500**	**1,500**	**7,500**

Capital Improvement Program (CIP) FY19 - FY24

Summary by Funding Source

(in thousands)

#	Project	Department	FY19	FY20	FY21	FY22	FY23	FY24	Total
	Projects that have Contingent Proposed Funding:								
	TPO Grants								
201015	Willow Run Blvd Widening	Comm. Dvlp.	-	-	1,125	-	-	-	1,125
201336	Willow Run Blvd. Sidewalk (South)	Comm. Dvlp.	54	144	-	-	-	-	198
201647	WB Dunlawton Ave Right Turn Lane and City Center Cir.	Comm. Dvlp.	47	231	-	-	-	-	278
201750	EB Dunlawton Ave. Right Turn Lane at Clyde Morris Blvd.	Comm. Dvlp.	67	338	-	-	-	-	405
201751	WB Dunlawton Ave. Right Turn Lane at Nova Rd.	Comm. Dvlp.	-	99	334	-	-	-	433
201856	EB Herbert St. Left Turn Lane at Nova Rd.	Comm. Dvlp.	18	90	540	-	-	-	648
201857	Madeline Ave. (East) Sidewalks	Comm. Dvlp.	18	90	729	-	-	-	837
201858	Madeline Avenue (West) Sidewalk	Comm. Dvlp.	18	90	720	-	-	-	828
201859	Taylor Rd/Williamson Blvd. Intersection Feasibility Study	Comm. Dvlp.	36	-	-	-	-	-	36
201861	Sidewalk Gap Project	Comm. Dvlp.	76	326	-	-	-	-	402
201964	Taylor Rd./Clyde Morris Blvd. Intersection Feasibility Study	Comm. Dvlp.	18	45	270	-	-	-	333
	Total Contingent Proposed TPO Grant Funding:		**352**	**1,453**	**3,718**	**-**	**-**	**-**	**5,523**

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

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 3 Objective 5	**Priority II**:	ESSENTIAL (Should-Do)

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.

The City will submit an application to the TPO for funds to construct this project once the City receives right-of-way for the north Yorktowne Boulevard segment.
The City will fund 10% of this project and the TPO will fund 90%. Once the design is completed, the project will be eligible for inclusion in the TPO's Project Priority List for construction and CEI funding and the cost estimates will be updated.

Component	Total Cost	City %	Total City $	TPO $
Feasibility Study	$ -	10%	-	-
Eng. & Plan:	200,000	100%	200,000	-
Construction:	1,000,000	100%	-	1,000,000
CEI*:	125,000	100%	-	125,000
Total Proj. Cost:	**$ 1,325,000**		**$ 200,000**	**$ 1,125,000**

**CEI - Construction Engineering and Inspection (CEI) services are required by FDOT for contract administration, inspection, federal compliance oversight, and materials sampling and testing for the construction project.

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:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Feasibility Study	-	-	-	-	-	-	-	-
Engineering & Planning	-	-	200,000	-	-	-	-	200,000
CEI	-	-	-	125,000	-	-	-	125,000
Construction	-	-	-	1,000,000	-	-	-	1,000,000
TOTAL PROJECT COSTS	**-**	**-**	**200,000**	**1,125,000**	**-**	**-**	**-**	**1,325,000**

PROPOSED SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Capital Rplcmnt Fund 317	-	-	-	-	-	-	-	-
Capital Projects Fund (301) Restricted	-	-	200,000	-	-	-	-	200,000
Transportation Impact Fee Fund	-	-	-	-	-	-	-	-
TPO Funds	-	-	-	1,125,000	-	-	-	1,125,000 -
TOTAL PROJECT REVENUE	**-**	**-**	**200,000**	**1,125,000**	**-**	**-**	**-**	**1,325,000**

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 is currently required along this corridor unless supplemental landscaping is provided. The average annual operational cost for a new road (5 miles or less) 1 (one) year after construction is $1,500 for the first 7 (seven) years of life.

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Fund - (001)	**-**	**-**	**-** -	- -	1,500 -	1,500 -	1,500 -	- 4,500 -
Total	**-**	**-**	**-**	**-**	**1,500**	**1,500**	**1,500**	**4,500**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201336
OMI023

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 3, Objective 2	**Priority II**:	ESSENTIAL (Should-Do)

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). 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. A feasibility study will first need to be conducted to develop an estimated cost for design and construction. Under current policy, the TPO will fund up to 90% of the project and the City will fund 10% of the project and 100% of the CEI cost. Once the study is completed, the project will be eligible for inclusion in the TPO's Project Priority List for design and construction funding and the cost estimates will be updated.

Component	**Total Cost***	**City %**	**Total City $**	**TPO $**
Feasibility Study:	$ 15,000	10%	$ 1,500	$ 13,500
Engr & Plan:	60,000	10%	6,000	54,000
CEI:	45,000	100%	45,000	-
Construction:	160,000	10%	16,000	144,000
Total Proj. Cost:	**$ 280,000**		**$ 68,500**	**$ 211,500**

*Estimated cost based on the Spruce Creek Road South sidewalk project.
**CEI - Construction Engineering and Inspection (CEI) services are required by FDOT for contract administration, inspection, federal compliance oversight, and materials sampling and testing for the construction project.

Note: This is **Project OMI023** and currently has a budget of $7,994 funded from Transportation Impact Fee Fund 312. The breakdown is as follow: $1,500 for Feasibility Study and $6,000 for Engineering and Planning and $494 for Construction

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Feasibility Study	15,000	-	-	-	-	-	-	15,000
Engineering & Planning	6,000	54,000	-	-	-	-	-	60,000
CEI	-	-	45,000	-	-	-	-	45,000
Construction	494	-	159,506	-	-	-	-	160,000
							-	
TOTAL PROJECT COSTS	**21,494**	**54,000**	**204,506**	**-**	**-**	**-**	**-**	**280,000**

PROPOSED SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Capital Rplcmnt Fund 317	-	-	-	-	-	-	-	-
Transportation Impact Fee Fund 312	7,994	-	60,506	-	-	-		68,500
TPO Funds	13,500	54,000	144,000	-	-	-		211,500
Unfunded	-	-	-	-	-	-		-
TOTAL PROJECT REVENUE	**21,494**	**54,000**	**204,506**	**-**	**-**	**-**	**-**	**280,000**

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. The average annual operational cost for 1 (one) mile or less of new sidewalk 1 (one) year after construction is $500.

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Fund - (001)	**-**	**-**	**-**	500	500	500	500	2,000
Total	**-**	**-**	**-**	**500**	**500**	**500**	**500**	**2,000**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201647

Project Name:	WB Dunlawton Ave Right Turn Lane and City Center Cir.	**Project Manager:**	CD Planner
Department:	Community Development	**Original Plan Date:**	March 10, 2015
Location:	Dunlawton Avenue and City Center Cir.	**Concurrency Requirement:**	No

Goal / Objective: Goal 3, Objective 5 **Priority II**: ESSENTIAL (Should-Do)

DESCRIPTION/JUSTIFICATION:

This project consists of a proposal to construct a westbound right turn lane on Dunlawton Avenue at the intersection with City Center Circle to improve traffic flow and reduce delays for turning vehicles and Dunlawton Avenue through vehicles. No additional right-of-way is needed for this project. The project will add roadway capacity at the intersection and reduce delays for westbound Dunlawton Avenue vehicles turning right. Under current policy, the TPO will fund up to 90% of the project and the City will fund 10% of the project and 100% of CEI. A feasibility study was completed in April 2016. The City provided matching (10%) funding for the feasibility study. The project is now on the TPO's 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 City's local match for design and construction and 100% of CEI 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	Total	City %	Total City $	TPO $
Feasibility Study:	15,000	10%	$ 1,500	$ 13,500
Engr & Plan:	52,000	10%	$ 5,200	46,800
CEI*:	50,000	100%	50,000	-
Construction:	257,000	10%	25,700	231,300
Total Proj. Cost:	**$ 374,000**		**$ 82,400**	**$ 291,600**

*CEI - Construction Engineering and Inspection (CEI) services are required by FDOT for contract administration, inspection, federal compliance oversight, and materials sampling and testing for the construction project.

Note: This is **Project IMI011** and currently has a budget of $5,000 - funded from Capital Projects Fund 301.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Feasibility Study	15,000	-	-	-	-	-	-	15,000
Engineering & Planning	3,500	48,500	-	-	-	-	-	52,000
CEI	-	-	50,000	-	-	-	-	50,000
Construction	-	.	257,000	-	-	-	-	257,000
TOTAL PROJECT COSTS	**18,500**	**48,500**	**307,000**	**-**	**-**	**-**	**-**	**374,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Capital Rplcmnt Fund 317	-		-	-	-	-	-	-
Capital Projects Fund (301) Restricted	5,000	1,700	75,700	-	-	-		82,400
Transportation Impact Fee Fund	-	-	-	-	-	-		-
TPO Funds	13,500	46,800	231,300	-	-	-		291,600
TOTAL PROJECT REVENUE	**18,500**	**48,500**	**307,000**	**-**	**-**	**-**	**-**	**374,000**

OPERATIONAL IMPACT

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

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Fund - (001)	**-**	**-**	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
	-							

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201750

Project Name:	EB Dunlawton Ave. Right Turn Lane at Clyde Morris Blvd.	**Project Manager:**	CD Planner
Department:	Community Development	**Original Plan Date:**	March 10, 2016
Location:	Dunlawton Avenue and Clyde Morris Blvd.	**Concurrency Requirement:**	No

Goal / Objective: Goal 3 Objective 5 **Priority II:** ESSENTIAL (Should-Do)

DESCRIPTION/JUSTIFICATION:

This project consists of 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 is anticipated 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. The City will need to fund 100% of CEI. A feasibility study was completed in January 2017. FDOT funded 100% of the feasibility study and the City did not need to provide the typical 10% match. The project is now on the TPO's 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 City's local match for design and construction and 100% of CEI will be funded with restricted Gas Tax funds (Fund 301). The City's estimated cost for design, construction, and CEI is $95,000 and the TPO estimated cost for design and construction is $420,000. The project will add roadway capacity at the intersection and reduce delays for eastbound vehicles turning right

Component	Total Cost	City %	Total City $	TPO $
Feasibility Study:	$ 15,000	0.00%	$ -	$ 15,000
Eng. & Design:	75,000	10.00%	7,500	67,500
CEI*:	50,000	100.00%	50,000	-
Construction:	375,000	10.00%	37,500	337,500
Total Proj. Cost:	**$ 515,000**		**$ 95,000**	**$ 420,000**

*CEI - Construction Engineering and Inspection (CEI) services are required by FDOT for contract administration, inspection, federal compliance oversight, and materials sampling and testing for the construction project.

Note: FDOT funded 100% of the Feasibility Study - $15,000 in FY17.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Feasibility Study	15,000	-	-	-	-	-	-	15,000
Engineering & Planning	-	75,000	-	-	-	-	-	75,000
CEI			50,000	-	-	-	-	50,000
Construction	-	-	375,000	-	-	-	-	375,000
TOTAL PROJECT COSTS	**15,000**	**75,000**	**425,000**	**-**	**-**	**-**	**-**	**515,000**
	-							

PROPOSED SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Capital Rplcmnt Fund 317	-	-	-	-	-	-		-
Capital Projects Fund (301) Restricted	-	7,500	87,500	-	-	-		95,000
Transportation Impact Fee Fund	-	-	-	-	-	-	-	-
TPO Funds	15,000	67,500	337,500	-	-	-	-	420,000
TOTAL PROJECT REVENUE	**15,000**	**75,000**	**425,000**	**-**	**-**	**-**	**-**	**515,000**

OPERATIONAL IMPACT

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

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Fund - (001)	**-**	**-**	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201751

Project Name:	WB Dunlawton Ave. 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		No

Goal / Objective: Goal 3 Objective 5 **Priority II**: ESSENTIAL (Should-Do)

DESCRIPTION/JUSTIFICATION:

This project consists of 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. Additional right-of-way is anticipated to 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 design and construction cost and the City will fund 10% of the project. The City will need to fund 100% of CEI. A feasibility study was completed in January 2017. FDOT funded 100% of the feasibility study and the City did not need to provide the typical 10% match. The project is now on the TPO's 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 City's local match for design and construction and 100% of CEI will be funded with restricted Gas Tax funds (Fund 301). The City's estimated cost for design, construction, and CEI is $87,100 and the TPO is estimated to spend $432,900 on design and consecution. The project will add roadway capacity at the intersection and reduce delays for westbound vehicles turning right.

Component	Total Cost	City %	Total City $	TPO $
Feasibility Study:	$ 15,000	0%	$ -	$ 15,000
R/W Acquisition:	260,000	100%	260,000	-
Eng. & Design:	110,000	10%	11,000	99,000
Construction:	371,000	10%	37,100	333,900
CEI*:	50,000	100%	50,000	-
Total Proj. Cost:	**$ 806,000**		**$ 358,100**	**$ 447,900**

*CEI - Construction Engineering and Inspection (CEI) services are required by FDOT for contract administration, inspection, federal compliance oversight, and materials sampling and testing for the construction project.

Note: FDOT funded 100% of the Feasibility Study - $15,000 in FY17.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Feasibility Study	15,000	-	-	-	-	-	-	15,000
R/W Acquisition	-	260,000	-	-	-	-	-	260,000
Engineering & Planning	-	-	110,000	-	-	-	-	110,000
CEI	-	-	-	50,000	-	-	-	50,000
Construction	-	-	-	371,000	-	-	-	371,000
TOTAL PROJECT COSTS	**15,000**	**260,000**	**110,000**	**421,000**	**-**	**-**	**-**	**806,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Capital Rplcmnt Fund 317	-	-	-	-	-	-	-	-
Gas Tax Fund 301 (restricted funds)	-	-	11,000	87,100	-	-	-	98,100
General Capital Fund 317-Unfunded	-	260,000	-	-	-	-	-	260,000
TPO Funds	15,000	-	99,000	333,900	-	-	-	447,900
TOTAL PROJECT REVENUE	**15,000**	**260,000**	**110,000**	**421,000**	**-**	**-**	**-**	**806,000**

OPERATIONAL IMPACT

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

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Fund - (001)	-	-	-	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201856
PNC016

Project Name:	EB Herbert St. Left Turn Lane at Nova Rd.	**Project Manager:**	CD Planner
Department:	Community Development	**Original Plan Date:**	February 22, 2017
Location:	Herbert Street and Nova Road		No

Goal / Objective: Goal 3 Objective 5 **Priority II**: ESSENTIAL (Should-Do)

DESCRIPTION/JUSTIFICATION:

The project consists of looking at options to modify the intersection of Nova Road and Herbert Street to improve movement through the intersection. The intersection experiences congestion throughout the day, most notably in the morning and late afternoon. Additional right-of-way is anticipated to be needed for any intersection improvements. The City submitted the project for TPO funding in Spring 2017. The project is on the TPO's Project Priority List for a feasibility study. A feasibility study will first need to be conducted to develop an estimated cost for design and construction. Under current policy, the TPO will fund up to 90% of the project and the City will fund 10% of the project and 100% of the CEI cost. Once the study is completed, the project will be eligible for inclusion in the TPO's Project Priority List for design and construction funding and the cost estimates will be updated.
The estimated design and construction cost of the project is $680,000 but will be adjusted after the feasibility study is completed. Based on this estimated cost, the City's share would be $132,000 including $2,000 for feasibility study, $10,000 for design, $60,000 for construction, and $60,000 for CEI. The City's local match will be funded with restricted Gas Tax funds (Fund 301)
As part application request for a feasibility study, the City requests that multiple options be evaluated. With improvements to the intersection, specifically, turn lane improvements on Herbert Street and Nova Road along with corresponding signal timing improvements more green time could be allocated to Nova Road.

- Option 1: Extend the stacking area for the existing left-turn lane on eastbound Herbert Street at Nova Road, realigning the westbound Herbert Street travel lane, along with necessary improvements to the intersection.
- Option 2: Modify eastbound Herbert Street at Nova Road to create a left-turn lane, right-turn lane, and a thru lane. Also, realigning the westbound Herbert Street travel lane and realigning the westbound Herbert Street travel lane, along with necessary improvements to the intersection.
- Option 3: Other modifications or design alternatives that the consultant, selected by the TPO to prepare the Feasibility Study, can recommend to improve movement through the intersection, specifically for vehicles turning onto Nova Road and Herbert Street.

Component	Total Cost	City %	Total City $	TPO $
Feasibility Study:	$ 20,000	10%	$ 2,000	$ 18,000
Engr & Design:	100,000	10%	10,000	90,000
CEI*:	60,000	100%	60,000	-
Construction:	600,000	10%	60,000	540,000
Total Proj. Cost:	**$ 780,000**		**$ 132,000**	**$ 648,000**

*CEI - Construction Engineering and Inspection (CEI) services are required by FDOT for contract administration, inspection, federal compliance oversight, and materials sampling and testing for the construction project.

Note: Project PNC016 was established in FY18 with of budget of $2,000 for the City's share of the Feasibility Study funded from Capital Projects Fund 301.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Feasibility Study	2,000	18,000	-	-	-	-	-	20,000
Engineering & Planning	-		100,000	-		-	-	100,000
CEI	-		-	60,000	-	-	-	60,000
Construction	-		-	600,000	-	-	-	600,000
TOTAL PROJECT COSTS	**2,000**	**18,000**	**100,000**	**660,000**	**-**	**-**	**-**	**780,000**

PROPOSED SOURCES OF FUNDS:	**PRIOR YEARS**		**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Capital Rplcmnt Fund 317	-		-	-	-	-	-	-
Capital Projects Fund (301) Restricted	2,000	-	10,000	120,000	-	-		132,000
Transportation Impact Fee Fund	-	-	-	-	-	-		-
TPO Funds	-	18,000	90,000	540,000	-	-		648,000
TOTAL PROJECT REVENUE	**2,000**	**18,000**	**100,000**	**660,000**	**-**	**-**	**-**	**780,000**

OPERATIONAL IMPACT

This segment of Herbert Street where the turn lane would be constructed is a City collector roadway and maintained by the Public Works Department. The road segment is presently on the 26-year resurfacing program cycle. It is further expected that the Public Works Department would incur a minor increase in maintenance costs than what it currently required along this road segment.

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Fund - (001)	**-**	**-**	**-**	-	-	-	-	-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201857
OMI032

Project Name:	Madeline Ave. (East) and Bruner Rd. Sidewalks	**Project Manager:**	CD Planner
Department:	Community Development	**Original Plan Date:**	February 22, 2017
Location:	Madeline Ave. between Clyde Morris Blvd. and Nova Rd. and Bruner Rd.	**Concurrency Requirement:**	No

Goal / Objective: Goal 3 Objective 2 **Priority II**: ESSENTIAL (Should-Do)

DESCRIPTION/JUSTIFICATION:

This project consists of constructing a minimum eight-foot wide sidewalk along the north side of Madeline Avenue from Clyde Morris Boulevard to Nova Road, a distance of 6,200 feet (1.17 miles) and a five-foot wide sidewalk on the east side of Bruner Road, from Madeline Avenue to Stillwood Court, a distance of 1,000 feet (0.19 miles). The City submitted the project for TPO funding in Spring 2017. Additional right-of-way is anticipated to be needed for the sidewalk along Madeline Avenue, near the intersection of Red Pontiac Drive (east end of Madeline Ave. A feasibility study will first need to be conducted to develop an estimated cost for design, construction, and right-of-way. Under current policy, the TPO will fund up to 90% of the project and the City will fund 10% of the project and 100% of the CEI cost. Once the study is completed, the project will be eligible for inclusion in the TPO's Project Priority List for design and construction funding and the cost estimates will be updated.

Component	Total Cost	City %	Total City $	TPO $
Feasibility Study:	$ 20,000	10%	$ 2,000	$ 18,000
Engr & Design:	100,000	10%	10,000	90,000
Right-of-way:	TBD	100%	-	-
CEI*:	190,000	100%	190,000	-
Construction:	810,000	10%	81,000	729,000
Total Proj. Cost:	**$ 1,120,000**		**$ 283,000**	**$ 837,000**

*CEI - Construction Engineering and Inspection (CEI) services are required by FDOT for contract administration, inspection, federal compliance oversight, and materials sampling and testing for the construction project.

Note: Project OMI032 was established in FY18 with of budget of $2,000 for the City's share of the Feasibility Study funded from Transportation Impact Fee Fund 312.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Feasibility Study	2,000	18,000		-	-	-	-	20,000
Engineering & Planning	-		100,000	-	-	-	-	100,000
CEI	-	-	-	190,000	-	-	-	190,000
Construction	-	-	-	810,000	-	-	-	810,000
Right-of-Way	-	-	-	-	-	-	-	-
							-	
TOTAL PROJECT COSTS	**2,000**	**18,000**	**100,000**	**1,000,000**	**-**	**-**	**-**	**1,120,000**

PROPOSED SOURCES OF FUNDS:	**PRIOR YEARS**		**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Capital Rplcmnt Fund 317	-		-	-	-	-	-	-
Transportation Impact Fee Fund - 312	2,000	-	10,000	271,000	-	-		283,000
Transportation Impact Fee Fund	-	-	-	-	-	-		-
TPO Funds	-	18,000	90,000	729,000	-	-		837,000
TOTAL PROJECT REVENUE	**2,000**	**18,000**	**100,000**	**1,000,000**	**-**	**-**	**-**	**1,120,000**

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. The average annual operational cost for 1 (one) mile or less of new sidewalk 1 (one) year after construction is $500.

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Fund - (001)	-	-	-	500	500	500	500	2,000
Total	**-**	**-**	**-**	**500**	**500**	**500**	**500**	**2,000**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201858

Project Name:	Madeline Avenue (West) Sidewalk	**Project Manager:**	CD Planner
Department:	Community Development	**Original Plan Date:**	February 22, 2017
Location:	Madeline Ave. between Williamson Blvd. and Long Grove Ln.	**Concurrency Requirement:**	No
Goal / Objective:	Goal 3 Objective 2	**Priority II**:	ESSENTIAL (Should-Do)

DESCRIPTION/JUSTIFICATION:

This project consists of constructing a minimum eight- foot wide sidewalk along the north side of Madeline Avenue from Williamson Boulevard to Sunset Cove Drive a distance of 3,325 feet (0.63 miles) and a five-foot wide sidewalk on the south side of Madeline Avenue from Long Grove Land to Town Park Subdivision a distance of 4,000 feet (0.75 miles). The City submitted the project for TPO funding in Spring 2018. Additional right-of-way is not anticipated for the sidewalks along Madeline Avenue. A feasibility study will first need to be conducted to develop an estimated cost for design and construction. Under current policy, the TPO will fund up to 90% of the project and the City will fund 10% of the project and 100% of the CEI cost. The City will need to provide a local match of 10% for the feasibility study, estimated at $2,000. Once the study is completed, the project will be eligible for inclusion in the TPO's Project Priority List for design and construction funding and the cost estimates will be updated.

Component	Total Cost	City %	Total City $	TPO $
Feasibility Study:	$ 20,000	10%	$ 2,000	$ 18,000
Engr & Design:	100,000	10%	10,000	90,000
Right-of-way:	-	100%	-	-
CEI*:	200,000	100%	200,000	-
Construction:	800,000	10%	80,000	720,000
Total Proj. Cost:	**$ 1,120,000**		**$ 292,000**	**$ 828,000**

*CEI - Construction Engineering and Inspection (CEI) services are required by FDOT for contract administration, inspection, federal compliance oversight, and materials sampling and testing for the construction project.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Feasibility Study	-	20,000	-	-	-		-	20,000
Engineering & Planning	-		100,000	-	-	-	-	100,000
CEI	-	-	-	200,000	-	-	-	200,000
Construction	-	-	-	800,000	-	-	-	800,000
TOTAL PROJECT COSTS	**-**	**20,000**	**100,000**	**1,000,000**	**-**	**-**	**-**	**1,120,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS		FY20	FY21	FY22	FY23	FY24	TOTAL
General Capital Rplcmnt Fund 317	-		-	-	-	-	-	-
Transportation Impact Fee Fund - 312	-	2,000	10,000	280,000	-	-		292,000
Transportation Impact Fee Fund	-	-	-	-	-	-		-
TPO Funds	-	18,000	90,000	720,000	-	-		828,000
TOTAL PROJECT REVENUE	**-**	**20,000**	**100,000**	**1,000,000**	**-**	**-**	**-**	**1,120,000**

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. The average annual operational cost for 1 (one) mile or less of new sidewalk 1 (one) year after construction is $500.

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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			FY20	FY21	FY22	FY23	FY24	TOTAL
General Fund - (001)	**-**	**-**	**-**	-	500	500	500	1,500
Total	**-**	**-**	**-**	**-**	**500**	**500**	**500**	**1,500**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201859
OMI033

Project Name:	Taylor Rd/Williamson Blvd. Intersection Feasibility Stu	**Project Manager:**	CD Planner
Department:	Community Development	**Original Plan Date:**	March 31, 2017
Location:	Taylor Road/ Williamson Boulevard intersection and Taylor Road/Dunlawton Avenue corridor at I-95	**Concurrency Requirement:**	No

Goal / Objective: Goal 3 Objective 2 **Priority II**: ESSENTIAL (Should-Do)

DESCRIPTION/JUSTIFICATION:

The City submitted the project for TPO funding in Spring 2017. This project will consist of a Feasibility Study to identify effective improvements to minimize delays to traffic, eliminate or reduce crashes, and improve sidewalks and crosswalks for pedestrians at the Taylor Road and Williamson Boulevard intersection, and along the Taylor Road/Dunlawton Avenue corridor at I-95. The main objective of this request is for a Feasibility Study that identifies specific intersection and roadway improvements for both vehicles and pedestrians, and provides cost estimates for the proposed improvements. A feasibility study will first need to be conducted to identify intersection improvements and develop an estimated cost for design and construction of the recommended projects. Under current policy, the City will need to provide a local match of 10% for the feasibility study, estimated at $4,000. Staff would then use the findings in the Feasibility Study to submit for TPO funds if the City commits to support the design and construction of the identified intersection improvements Once the study is completed, the projects identified in the study will be eligible for inclusion in the TPO's Project Priority List for design and construction funding and we will be submitting new CIP pages in the future.

Component	Total Cost	City %	Total City $	TPO $
Feasibility Study:	$ 40,000	10%	$ 4,000	$ 36,000
Total Proj. Cost:	**$ 40,000**		**$ 4,000**	**$ 36,000**

Note: Project OMI033 was established in FY18 with of budget of $3,000 for the City's share of the Feasibility Study funded from Transportation Impact Fee Fund 312.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Feasibility Study	3,000	37,000		-	-		-	40,000
Engineering & Planning	-		-		-	-	-	-
CEI	-	-	-		-	-	-	-
Construction	-	-	-		-	-	-	-
TOTAL PROJECT COSTS	**3,000**	**37,000**	**-**	**-**	**-**	**-**	**-**	**40,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Capital Rplcmnt Fund 317	-		-	-	-	-	-	-
Transportation Impact Fee Fund - 312	3,000	1,000	-	-	-	-		4,000
Transportation Impact Fee Fund	-	-	-	-	-	-		-
TPO Funds	-	36,000	-	-	-	-		36,000
TOTAL PROJECT REVENUE	**3,000**	**37,000**	**-**	**-**	**-**	**-**	**-**	**40,000**

OPERATIONAL IMPACT

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Fund - (001)	-	-	-	-	500	500	500	1,500
Total	**-**	**-**	**-**	**-**	**500**	**500**	**500**	**1,500**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201861

Project Name:	Sidewalk Gap Project	**Project Manager:**	CD Planner
Department:	Community Development	**Original Plan Date:**	March 10, 2016
Location:	Various Locations within the City	**Concurrency Requirement:**	No
Goal / Objective:	Goal 1 Objective 1	**Priority II**:	ESSENTIAL (Should-Do)

DESCRIPTION/JUSTIFICATION:

This project consists of filling sidewalk gaps along major roadways to enhance pedestrian connectivity to schools, bus stops, parks, and retail areas. A feasibility study was completed in April 2017. The estimated design and construction cost for the project is $562,000 the estimated CEI for the project is $60,000 and the estimated cost for utility pole adjustment is 35,000. Under current policy, the TPO will fund up to 90% of the project design and construction cost and the City will fund 10% of the project. The City will need to fund 100% of CEI and relocation of utility poles. The City's local match will be funded with Transportation Impact Fees (Fund 312). Completing these gaps will improve the safety of pedestrians that walk along these major roadway corridors by eliminating the need to use the shoulder or roadway. The following sidewalk gaps have been identified and will be filled as part of this project:
a. Herbert Street (south side) from City Center Drive to Gulfstream Village Driveway;
b. Taylor Road (west side) from Dunlawton Avenue to Journey's End Way; and
c. Woodlake Drive & Ravenwood Drive (north and south side) 300' west of Clyde Morris Boulevard.

Component	Total Cost	City %	Total City $	TPO $
Feasibility Study:	$ 20,000	10.00%	$ 2,000	$ 18,000
Engr & Plan:	84,000	10.00%	8,400	75,600
Construction:	363,000	10.00%	36,300	326,700
CEI:	60,000	100.00%	60,000	-
Utility Pole Adjustment	35,000	100.00%	35,000	-
Right-of-way	21,000	100.00%	21,000	-
Total Proj Cost:	**$ 583,000**		**$ 162,700**	**$ 420,300**

*CEI - Construction Engineering and Inspection (CEI) services are required by FDOT for contract administration, inspection, federal compliance oversight, and materials sampling and testing for the construction project.

Note: The City's share of the feasibility study was paid with operating funds.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Feasibility Study	20,000	-	-	-	-	-	-	20,000
Right-of-Way Acquisition	-	-	21,000	-	-	-	-	21,000
Engineering & Planning	-	84,000	-	-	-	-	-	84,000
Construction	-	-	363,000	-	-		-	363,000
CEI	-	-	60,000	-	-	-	-	60,000
Utility Pole Adjustment	-	-	35,000	-	-	-	-	35,000
TOTAL PROJECT COSTS	**20,000**	**84,000**	**479,000**	**-**	**-**	**-**	**-**	**583,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Capital Projects Fund (301) Restricted	-	-	-	-	-	-	-	-
Transportation Impact Fee Fund 312	-	8,400	152,300	-	-	-	-	160,700
Proportionate Fair Share Contributions	-	-	-	-	-	-		-
TPO Funds	18,000	75,600	326,700	-	-	-		420,300
General Fund 001	2,000	-	-	-	-	-	-	2,000
TOTAL PROJECT REVENUE	**20,000**	**84,000**	**479,000**	**-**	**-**	**-**	**-**	**583,000**

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. The average annual operational cost for 1 (one) mile or less of new sidewalk 1 (one) year after construction is $500.

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	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	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Fund - (001)	-	-	-	500	500	500	500	2,000
Total	**-**	**-**	**-**	**500**	**500**	**500**	**500**	**2,000**

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201964

PROJECT NAME:	Taylor Rd./Clyde Morris Blvd. Intersection Feasibility Study	**Project Manager:**	CD Planner
DEPARTMENT:	Community Development	**Original Plan Date:**	April 9, 2018
LOCATION:	Taylor Rd./Clyde Morris Blvd. Intersection	**Concurrency Requirement:**	No

Goal / Objective: Goal 3 Objective 5 **Priority II**: ESSENTIAL (Should-Do)

DESCRIPTION/JUSTIFICATION:

The project consists of looking at options to modify the intersection at Taylor Road/Clyde Morris Boulevard to improve movement through the intersection, specifically the eastbound Taylor Road though movement and left-turn onto Clyde Morris Boulevard. The intersection experiences congestion throughout the day, most notably in the morning and late afternoon. Additional right-of-way is anticipated to be needed for any intersection improvements. The City submitted the project for TPO funding to prepare a Feasibility Study in Spring 2018. A Feasibility Study will first need to be conducted to develop an estimated cost for design and construction. Under current policy, the TPO will fund up to 90% of the project and the City will fund 10% of the project and 100% of the CEI cost. Once the study is completed, the project will be eligible for inclusion in the TPO's Project Priority List for design and construction funding and the cost estimates will be updated. The estimated design and construction cost of the project is $420,000 but will be adjusted after the Feasibility Study is completed. Based on this estimated cost, the City's share would be $87,000, including $2,000 for Feasibility Study, $18,000 for design, $30,000 for construction, and $60,000 for CEI. The City's local match will be funded with Transportation Impact Fee Fund 312.

Component	Total Cost	City %	Total City $	TPO $
Feasibility Study:	$ 20,000	10%	$ 2,000	$ 18,000
Eng. & Design:	50,000	10%	5,000	45,000
Construction:	300,000	10%	30,000	270,000
CEI*:	50,000	100%	50,000	-
Total Proj. Cost:	**$ 420,000**		**$ 87,000**	**$ 333,000**

*CEI - Construction Engineering and Inspection (CEI) services are required by FDOT for contract administration, inspection, federal compliance oversight, and materials sampling and testing for the construction project.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
Feasibility Study:	-	20,000	-	-	-	-	-	20,000
Engineering & Planning	-		50,000	-	-	-	-	50,000
Construction	-	-		350,000	-	-	-	350,000
	-	-	-	-	-	-	-	-
TOTAL PROJECT COSTS	**-**	**-**	**50,000**	**350,000**	**-**	**-**	**-**	**420,000**

PROPOSED SOURCES OF FUNDS:	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Capital Rplcmnt Fund 317	-	-	-	-	-	-	-	-
Transportation Impact Fee Fund 312	-	2,000	5,000	80,000	-	-	-	87,000
Capital Projects Fund (301) Restricted								-
TPO Funds	-	18,000	45,000	270,000	-	-	-	333,000
Unfunded	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**-**	**20,000**	**50,000**	**350,000**	**-**	**-**	**-**	**420,000**

OPERATIONAL IMPACT

No additional operating costs are expected as a result of this project because this improvement is anticipated to be maintained by Volusia County.

OPERATIONAL IMPACT	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**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	**PRIOR YEARS**	**FY19**	**FY20**	**FY21**	**FY22**	**FY23**	**FY24**	**TOTAL**
General Fund - (001)	-	-	-	-	-	-	-	-
	-	-	-	-	-	-		-
Total	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Capital Improvement Program (CIP) FY19 - FY24

Summary by Funding Source

(in thousands)

#	Project	Department	FY19	FY20	FY21	FY22	FY23	FY24	Total
Projects that have Contingent Proposed Funding:									
FDOT Funded									
201749	SUNTrail - St. Johns River to Sea Loop (FKA - Halifax Drive Linear Park)	Comm. Dvlp.	-	300	1,800	-	-	-	2,100
	Total Contingent Proposed FDOT Funding:		**-**	**300**	**1,800**	**-**	**-**	**-**	**2,100**

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

CAPITAL IMPROVEMENT PROGRAM DETAIL

PROJECT # 201749

Project Name:	SUN Trail - St. Johns River to Sea Loop (FKA - Halifax Drive Linear Park)	**Project Manager:**	CD Planner
Department:	Community Development	**Original Plan Date:**	March 10, 2016
Location:	Halifax Dr between Dunlawton Ave. and Commonwealth Blvd	**Concurrency Requireme**	No

Goal / Objective: Goal 3 Objective 2 **Priority II:** ESSENTIAL (Should-Do)

DESCRIPTION/JUSTIFICATION:

The SUN Trail - St. Johns River to Sea Loop project will consist of a 12.5-mile multi-use trail along Halifax Drive, US 1 or an alternative route from New Smyrna Beach to South Daytona. 3.5-miles of the 12.5-mile multi-use trail will be located in Port Orange, primarily along Halifax Drive. The 12.5-mile multi-use trail will be part of the East Coast Greenway and the 300-mile St. Johns River to Sea Loop that will traverse five counties (Brevard, Flagler, Putnam, St. Johns, and Volusia). The project will provide a safe multi-use trail for all residents to walk or bike along the Halifax River and expand opportunities for residents to access existing parks located in the City and to the north (South Daytona) and south (New Smyrna Beach) by biking or walking.

In the Fall of 2017, FDOT will be funding and preparing a Project Development and Environment (PD&E) Study for the 12.5-mile multi-use trail, including a pedestrian bridge that would span over Dunlawton Avenue to allow pedestrians and cyclist using the trail to safely cross Dunlawton Avenue without crossing travel lanes and remain on the trail, instead of exiting the trail to cross at the intersection of Dunlawton Avenue and Ridgewood Avenue. The PD&E study will evaluate the construction of a 12.5-mile multi-use trail along Halifax Drive, US 1 or an alternative route from New Smyrna Beach to South Daytona and a pedestrian bridge that would span over Dunlawton Avenue. FDOT has been made aware that the City wants a pedestrian bridge that would span over Dunlawton Avenue and connect the trail segments located on the north and south side of Dunlawton Avenue, the multi-use trail to connect to the public linear park that is expected to be built by private developers in 2019 (central section of Riverwalk) and to evaluate the following options to construct the multi-use trail along the Halifax River south of Dunlawton Avenue.

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

If FDOT decides to construct the 12.5-mile trail segment, FDOT will pay for the design, right-of-way acquisition, construction, and CEI.

Staff submitted a CIP project request last year to construct a 1.3-mile multi-use trail within the Halifax Drive right-of-way from Dunlawton Avenue south to Commonwealth Boulevard. In June 2016, FDOT informed staff that the proposed 1.3 multi-use trail would be included in a 12.5-mile multi-use trail project along Halifax Drive, US 1 or an alternative route from New Smyrna Beach to South Daytona and design and construction would be funded by FDOT.

PROJECT EXPENDITURES/FUNDING SOURCES:

PROJECT COSTS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Feasibility Study	-		-	-	-	-	-	-
Right-of-Way	-		-	-	-	-	-	-
Engineering & Planning	-	-	300,000	-	-	-	-	300,000
Construction	-	-	-	1,800,000	-	-	-	1,800,000
TOTAL PROJECT COSTS	**-**		**300,000**	**1,800,000**	**-**	**-**	**-**	**2,100,000**

PROPOSED SOURCES OF FUNDS:	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Operating - (001)	-	-	-	-	-	-	-	-
Transportation Impact Fee Fund 312	-	-	-	-	-	-		-
Proportionate Fair Share Contributions	-	-	-	-	-	-		-
FDOT Constructed	-	-	300,000	1,800,000	-	-		2,100,000
Unfunded	-	-	-	-	-	-	-	-
TOTAL PROJECT REVENUE	**-**	**-**	**300,000**	**1,800,000**	**-**	**-**	**-**	**2,100,000**

OPERATIONAL IMPACT

The City will be responsible for maintaining the portion of the multi-use trail in the City. This will include, cleaning/clearing the multi-use trail of debris, removal of trash, landscaping and mowing, and periodic resurfacing or slab replacement/maintenance costs which will impact the operating budget. The average annual operational cost for 1 (one) mile of new sidewalk 1 (one) year after construction is $500. In addition, the City will incur personnel costs for maintaining the park. The same personnel will maintain Riverwalk Park, Halifax Drive Linear Park and Dunlawton Pedestrian Bridge and the costs will be shared. For additional details on personnel costs please refer to project 201545.

OPERATIONAL IMPACT	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
Additional Revenues								
Charges for Services	-	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-	-
Less Additional Expenditures								
New Personnel	-	-	-	-	1,750	1,750	1,750	5,250
Maintenance and Other Operating	-	-	-	-	-	-	-	-
Non Operating (Debt Service)	-	-	-	-	-	-	-	-
Net Annual Impact on Operations	**-**	**-**	**-**	**-**	**1,750**	**1,750**	**1,750**	**5,250**

FUNDING SOURCES	PRIOR YEARS	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
General Fund - (001)	-	-	-	-	1,750	1,750	1,750	5,250
Total	**-**	**-**	**-**	**-**	**1,750**	**1,750**	**1,750**	**5,250**

Capital Improvement Program (CIP) FY19 - FY24

Summary by Funding Source

(in thousands)

#	Project	Department	FY19	FY20	FY21	FY22	FY23	FY24	Total
Projects that are Unfunded:									
Unfunded 317 General Capital Projects									
201963	ADA Transition Plan	Comm. Dvlp.	200	200	-	-	-	-	400
201687	Lakeside Facility HVAC Replacement	Parks & Rec.	335	-	-	-	-	-	335
201545	Riverwalk Park South Phase - Constr	Comm. Dvlp.	-	1,500	-	-	-	-	1,500
430102	Resurface Parking Lots at City Facilities A through B	Public Works	155	39	39	-	23	-	256
201376	Parks Maintenance Storage - Design	Parks & Rec.	35	-	-	-	-	-	35
201376	Parks Maintenance Storage	Parks & Rec.	-	213	-	-	-	-	213
201754	Work Shop	Public Works	64	-	-	-	-	-	64
201949	Gear Extractor and Dryers	Fire	44	-	-	-	-	-	44
201958	Public Works Facility Paving	Public Works	70	-	-	-	-	-	70
200965	Fence, Dugout & Backstop Replacement	Parks & Rec.	65	140	140	-	-	-	345
201794	Playground Replacements	Parks & Rec.	44	174	-	-	-	-	218
201750	PW Administration Building Interior Renovation	Public Works	328	-	-	-	-	-	328
201481	Ball Field Lamp Rplcmnt	Parks & Rec.	332	239	193	-	-	-	764
201957	Public Works Fence Replacement	Public Works	50	-	-	-	-	-	50
201753	City Hall Repurposing	Public Works	275	-	-	-	-	-	275
201698	City Hall Building HVAC	Public Works	200	-	-	-	-	-	200
201648	Beautification of I-95 Interchange	Comm. Dvlp.	498	-	-	-	-	-	498
201751	WB Dunlawton Ave. Right Turn Lane at Nova Rd.	Comm. Dvlp.	260	-	-	-	-	-	260
201948	Self Contained Breathing Apparatus Fill Station	Fire	-	-	-	45	-	-	45
201838	Training Facility / Tower	Fire	-	522	-	-	-	-	522
201844	Addition to FS 71	Fire	-	-	50	300	-	-	350
201728	Conference Room Upgrades	Info. Tech.	21	-	-	-	-	-	21
201896	Amphitheater Seating Replacement	Parks & Rec.	-	-	89	20	165	-	274
201792	Restroom / Concession Facility	Parks & Rec.	-	-	213	-	-	-	213
201756	City Center Complex Landscape Improvements	Public Works	-	650	-	-	-	-	650
Subtotal Unfunded 317 Gen Capital Projects:			**2,976**	**3,677**	**724**	**365**	**188**	**-**	**7,930**
Unfunded 412 Drainage Projects									
201441	Southwinds Stormwater Pond Outfall Retrofit (Phase I) Design	Stormwater	-	-	-	681	-	-	681
201441	Southwinds Stormwater Pond Outfall Retrofit (Phase II)	Stormwater	-	-	-	681	-	-	681
201645	White Place & Riverside Drainage Improvements	Stormwater	109	-	-	-	-	-	109
201761	Powers Avenue at Lemon Street Drainage Improvements	Stormwater	-	-	175	-	-	-	175
201866	Storm Water Master Plan Phase II	Stormwater	-	-	380	-	-	-	380
Subtotal Unfunded 412 Drainage Projects:			**109**	**-**	**555**	**1,362**	**-**	**-**	**2,026**
Total Unfunded Projects:			**3,085**	**3,677**	**1,279**	**1,727**	**188**	**-**	**9,956**

Note: Please see the sections on 317 & 412 Funds to view the unfunded project pages for the projects referenced above.

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