

COUNTY OF VOLUSIA, FLORIDA



CAPITAL IMPROVEMENT PLAN  
FISCAL YEAR 2016-2017

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**COUNTY OF VOLUSIA, FLORIDA**  
**CAPITAL IMPROVEMENT PROGRAM**  
**FY 2016-2017 to FY 2020-2021**



**Donna de Peyster, C.P.A.**  
**Chief Financial Officer**  
**Deputy County Manager**

**Tammy J. Bong**  
**Director of Budget & Administrative Services**

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## Finance

October 31, 2016

Attached is the fiscal year 2016-17 Capital Improvement Program (CIP), which is published annually for development, modernization or replacement of physical public projects over a multi-year period. By looking beyond year-to-year budgeting and projecting what, where, when and how capital investments should be made, capital programming enables public bodies to maintain an effective level of service to the present and future population. The CIP document is presented by department.

A long-term capital improvement program has many obvious benefits that result from its systematic approach to planning and financing public agency projects. Some of the more important benefits derived from a viable capital programming process include the following:

- **Focuses attention on community goals and needs**  
Capital projects can be brought into line with community objectives, anticipating growth and the government's ability to pay. By planning ahead for projects, those that are needed or desired most can be constructed or acquired first. The CIP keeps the public informed about future capital investment plans of the County. The public involvement in the process provides a mechanism through which a previously unidentified need can surface, be addressed and placed in the framework of community priorities.
- **Encourages more efficient allocation of resources**  
The CIP promotes coordination among government agencies and provides a check on potential overlapping or conflicting programs. Coordination of capital improvement programming can reduce over emphasis on any one government function. The program can guide local officials in making sound budget decisions. In addition, the CIP allows for multi-year allocation of project components such as land acquisition, design, engineering and construction.
- **Fosters a sound and stable financial program**  
Through capital facilities planning, the need for debt or alternative revenue sources can be planned and action taken before the need becomes so critical as to require emergency financing measures. In addition, sharp changes in the tax structure and indebtedness may be avoided when projects are staged over a number of years. Where there is sufficient time for planning, the most economical means for project financing can be selected in advance. The CIP can facilitate reliable capital expenditure and revenue estimates and reasonable debt programs by looking ahead to minimize the impact of capital improvement projects. Keeping planned projects within the financial capacity of the County helps to preserve its credit rating. Thus, the CIP is an integral element of the County's budgetary process.



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## Finance

### **Fiscal Year 2016-17 Capital Improvement Projects**

Current fiscal year Capital Projects are funded in the amount of \$215,764,028. Public Works projects are 65.9% of the funded projects, Community Services projects follow at 10.9%. The majority of their funding of these areas is from federal/state grant programs.

The Aviation and Economic Resources department has programmed \$18.9 million in capital projects at the Daytona Beach International Airport for fiscal year 2016-17, with the majority of the funding coming from federal and state grants. Projects for runways, taxiways, buildings, capital equipment, and systems are planned to meet federal aviation regulations. The largest projects for fiscal year 2016-17 are Taxiway November improvements at \$11.2 million, parking lot improvements at \$2.9 million, terminal renovations at \$2 million, and terminal air handlers at \$1.9 million.

The Business Services department has programmed \$11.1 million in capital projects at various facilities. Projects include \$3.4 million for a Courts/Central Services warehouse, \$1.4 million for critical general government infrastructure upgrade to the County's financial system, \$1.3 million in renovation and systems upgrades for the Thomas C. Kelly Building; and \$2.3 million in renovations to other county facilities including various carpet and roof projects. Upgrades and renovations to court facilities are funded at \$2.6 million including roof replacements, HVAC, and carpet replacement.

The Community Services department includes ongoing construction of the Trails Program, with \$19.9 million funded from a combination of federal grants, state grants, and ECHO (Ecological, Cultural, Historic, and Outdoor) fund. Votran services will be supported with federal capital grants of \$950,000 to purchase buses and \$450,000 for passenger amenities such as bus shelters. Park projects are funded with \$2.1 million for interpretive panels, tennis court resurfacing, and the construction of two new parks. The funding for the parks projects are a combination of state grants, park impact fees, and ECHO funding.

The Growth & Resource Management department \$550,029 at the Marine Science Center through improvements of parking and building design.

The Ocean Center department is addressing upgrades and renovations through projects totaling \$3.6 million in fiscal year 2016-17. Replacing the air handlers and integrating the new controls into the building automation system is the center's priority for the year. Additional projects are allocated to replace the arena box floors, main marquee, and upgrades to the parking garage's access control hardware and software. All of these projects are funded through operating revenue and tourist development taxes.



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## Finance

The Public Protection department projects are primarily in the Corrections division, which include the branch jail and the correction facility, totaling \$2.4 million. Fire Service's projects total \$1.2 million which include building improvements in Osteen and roof replacements for Oak Hill and Ormond Beach stations.

The Public Works department includes the road program funded at \$98.9 million, with 63.7% coming from federal and state grants. Coastal division projects in fiscal year 2016-17 total \$12.9 million and include the initial funding of \$1.8 million from ECHO for the boardwalk development project. This funding will provide seed money for planning and matching funds for grants to complete the proposed boardwalk. Off-beach parking development is funded at \$1.4 million from beach access fees and port district funds. Additional projects include Symrna Dunes Boardwalk Reconstruction at \$4.6 million of carry forward funding.

The Sheriff department has programmed \$12 million for a new evidence facility in fiscal year 2016-17. The evidence facility is funded from a \$5 million contribution from the General Fund and \$7 million from loan proceeds. This project is part of the core services infrastructure plan presented to Council on May 21, 2015.

### **Financing the Capital Improvement Program**

There are a number of funding options available for financing the proposed capital program. These range from direct pay-as-you-go methods using property tax revenue, state/federal grants, user fees, and other sources, to revenue and general obligation bonds and short-term loans. Over the past several years, the County has used these methods to finance its projects. By utilizing a variety of methods, the County maximizes its capital expenditures, while maintaining its financial flexibility.

The largest funding source for the fiscal year 2016-17 capital improvement program is federal and state grants, comprising 46.9% of the CIP budget. Fund balance, which carries over project balances from all sources, is the next largest contributor at 17.3%, followed by ad valorem taxes at 16.2%. The remaining budget is funded through a mix of enterprise funds, city contributions, and impact fees.



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### **Finance**

On May 21, 2015, the County Council reviewed the proposed infrastructure plan for core services. Implementation of the plan was proposed over a ten-year time frame, with initial cost estimates of \$64.4 million. Included in the priorities for core services were projects for the Office of the Sheriff, the Supervisor of Elections, the Court/Central Services, the Medical Examiner, Public Works, and Emergency Medical Services. The goal of the core service infrastructure plan is to address operational issues related to location, capacity, flooding, and ability to operate through disaster conditions. Other issues that can be improved by implementation of the plan include upgrades to technology, security, building automation and controls, and ADA accessibility.

The fiscal year 2016-17 budget of \$34.2 million is appropriated to be spent for implementation of the core services infrastructure plan: Sheriff's Evidence Facility - \$12 million, Court/Central Services Warehouse - \$3.4 million, and Public Works Service Center - \$18.8 million. Other core infrastructure projects are budgeted in future years.

### ***In Conclusion***

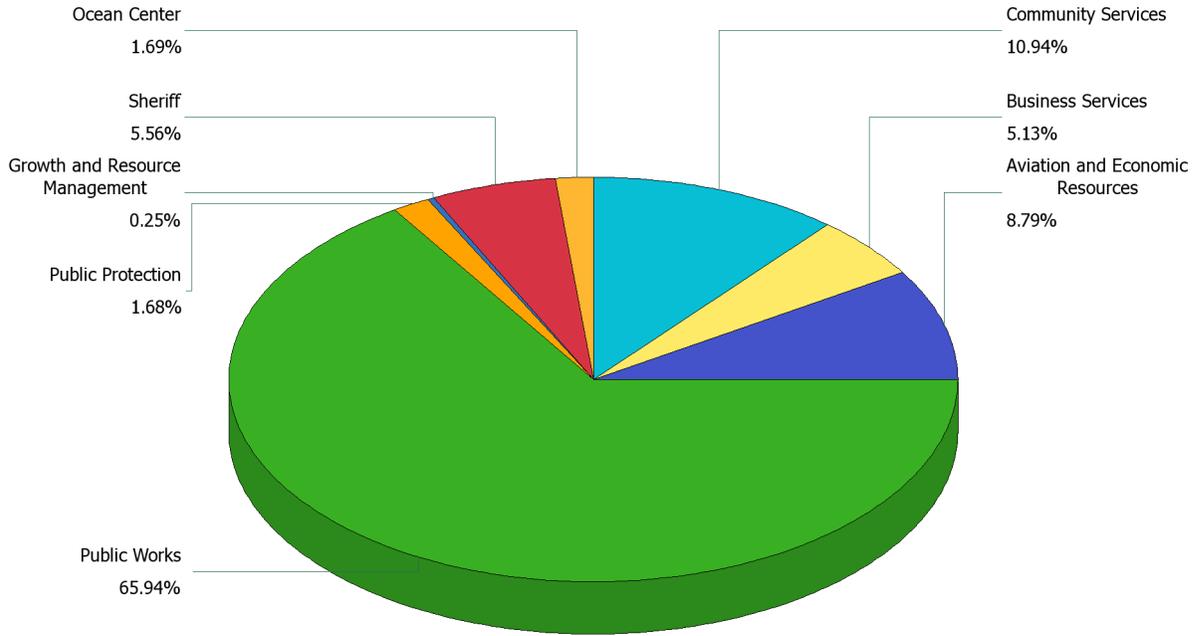
The ultimate goal of this document is to provide a guide for Volusia County's capital program and useful reference for the County Council and County departments.

Sincerely,

A handwritten signature in blue ink that reads "Donna de Peyster".

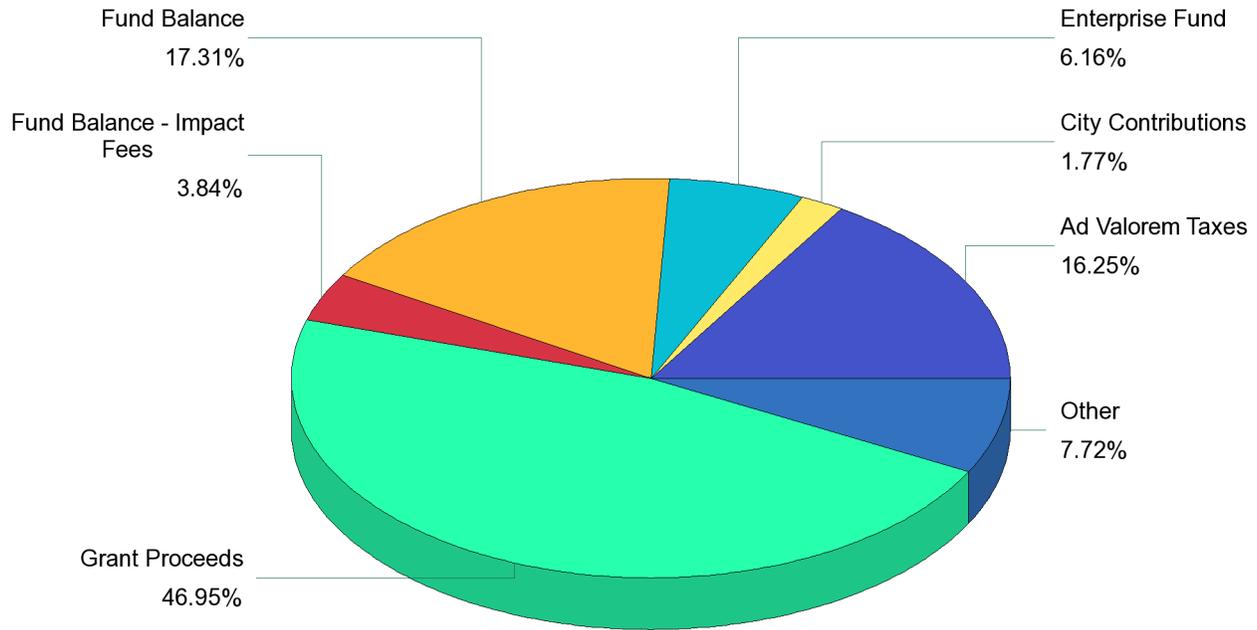
Donna de Peyster, CPA  
Deputy County Manager/CFO

**COUNTY OF VOLUSIA**  
**Capital Improvement Program**  
**FY 2016-17 Department Expenditure Summary**



Department	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Aviation and Economic Resources	2,477,359	18,970,270	20,896,666	15,566,666	5,497,500	15,300,000	78,708,461
Business Services	565,000	11,075,538	19,180,160	4,925,000	2,565,000	2,650,000	40,960,698
Community Services	4,918,283	23,610,357	2,778,000	1,811,000	2,119,200	2,985,000	38,221,840
Ocean Center	2,747,473	3,648,217	1,050,000	790,000	215,000	725,000	9,175,690
Sheriff	1,500,000	12,000,000	0	0	10,000,000	3,400,000	26,900,000
Elections	0	0	0	5,900,000	0	0	5,900,000
Growth and Resource Management	0	550,029	0	0	0	0	550,029
Public Protection	1,899,115	3,632,400	6,680,000	5,965,000	4,685,000	0	22,861,515
Public Works	58,129,893	142,277,217	38,085,209	24,000,802	13,765,751	15,327,790	291,586,662
<b>TOTAL EXPENDITURES</b>	<b>72,237,123</b>	<b>215,764,028</b>	<b>88,670,035</b>	<b>58,958,468</b>	<b>38,847,451</b>	<b>40,387,790</b>	<b>514,864,895</b>

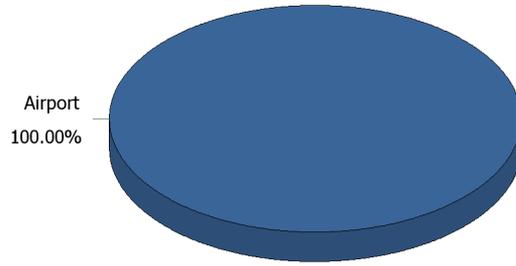
**COUNTY OF VOLUSIA**  
**Capital Improvement Program**  
**FY 2016-17 Revenue Summary**



Funding Source	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Ad Valorem Taxes	20,780,339	33,661,132	18,214,575	17,690,317	17,758,173	5,386,822	113,491,358
City Contributions	0	3,656,602	0	0	0	0	3,656,602
Enterprise Fund	15,624,508	12,757,551	20,372,333	9,596,333	3,535,000	8,600,000	70,485,725
Fund Balance	52,237,876	35,866,259	19,237,314	19,119,420	9,388,367	8,052,879	143,902,115
Fund Balance - Impact Fees	587,791	7,953,150	180,000	0	0	0	8,720,941
Grant Proceeds	11,453,173	97,275,805	16,273,333	11,325,833	6,552,500	15,450,000	158,330,644
Other	0	16,000,000	225,000	0	0	0	16,225,000
<b>TOTAL REVENUES</b>	<b>100,683,687</b>	<b>207,170,499</b>	<b>74,502,555</b>	<b>57,731,903</b>	<b>37,234,040</b>	<b>37,489,701</b>	<b>514,812,385</b>

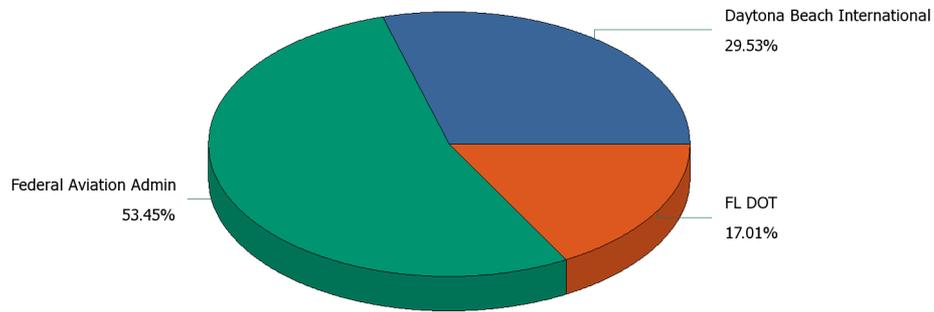
**COUNTY OF VOLUSIA**  
**Aviation and Economic Resources**

**FY 2016-17 Expenditures**



Division	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Airport	2,477,359	18,970,270	20,896,666	15,566,666	5,497,500	15,300,000	78,708,461
<b>Total Expenditures</b>	<b>2,477,359</b>	<b>18,970,270</b>	<b>20,896,666</b>	<b>15,566,666</b>	<b>5,497,500</b>	<b>15,300,000</b>	<b>78,708,461</b>

**FY 2016-17 Revenues**



Revenue Source	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Daytona Beach International	1,225,003	5,602,551	8,823,333	5,540,833	445,000	1,350,000	22,986,720
ERAU	0	0	0	10,000	100,000	0	110,000
Federal Aviation Admin	34,143	10,140,168	8,250,000	9,465,000	4,455,000	12,600,000	44,944,311
FL DOT	1,165,703	3,227,551	3,823,333	550,833	497,500	1,350,000	10,614,920
<b>Total Revenues</b>	<b>2,424,849</b>	<b>18,970,270</b>	<b>20,896,666</b>	<b>15,566,666</b>	<b>5,497,500</b>	<b>15,300,000</b>	<b>78,655,951</b>

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**COUNTY OF VOLUSIA**

**Aviation and Economic Resources - Airport**

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Project Title</b>	<b>Prior Years</b>	<b>FY 2016-17 Year 1</b>	<b>FY 2017-18 Year 2</b>	<b>FY 2018-19 Year 3</b>	<b>FY 2019-20 Year 4</b>	<b>FY 2020-21 Year 5</b>	<b>Total Amount</b>
Emergency Access Road	0	0	0	0	0	200,000	200,000
Fire Alarm System Replacement	0	0	250,000	0	0	0	250,000
Parking Lot Improvements	172,744	2,877,256	1,480,000	0	0	0	4,530,000
Replacement of ARFF Trucks	0	0	0	1,100,000	1,000,000	0	2,100,000
Roof Rehabilitation	2,132,228	528,000	0	0	0	600,000	3,260,228
Runway 25R RSA Improvements	0	0	0	50,000	550,000	0	600,000
Stormwater Pond Relocation	0	0	0	0	1,000,000	10,000,000	11,000,000
Strategic Intermodel System (SIS) - Realign Bellevue Avenue	0	0	5,000,000	0	0	0	5,000,000
Taxiway Echo Run-up Ramp	0	0	0	200,000	2,047,500	0	2,247,500
Taxiway November	37,935	11,266,854	9,166,666	9,166,666	0	0	29,638,121
Taxiway Sierra Rehabilitation	0	0	0	0	400,000	4,000,000	4,400,000
Terminal Air Handlers	75,152	1,923,160	0	0	0	0	1,998,312
Terminal Chiller Replacement	0	0	0	50,000	500,000	500,000	1,050,000
Terminal Renovations	59,300	2,000,000	5,000,000	5,000,000	0	0	12,059,300
Terminal Restroom Renovations (Phase III)	0	375,000	0	0	0	0	375,000
<b>TOTAL EXPENDITURES</b>	<b>2,477,359</b>	<b>18,970,270</b>	<b>20,896,666</b>	<b>15,566,666</b>	<b>5,497,500</b>	<b>15,300,000</b>	<b>78,708,461</b>

**REVENUE SOURCE:**

<b>Project Title</b>	<b>Prior Years</b>	<b>FY 2016-17 Year 1</b>	<b>FY 2017-18 Year 2</b>	<b>FY 2018-19 Year 3</b>	<b>FY 2019-20 Year 4</b>	<b>FY 2020-21 Year 5</b>	<b>Total Amount</b>
Daytona Beach International	1,225,003	5,602,551	8,823,333	5,540,833	445,000	1,350,000	22,986,720
ERAU	0	0	0	10,000	100,000	0	110,000
Federal Aviation Admin	34,143	10,140,168	8,250,000	9,465,000	4,455,000	12,600,000	44,944,311
FL DOT	1,165,703	3,227,551	3,823,333	550,833	497,500	1,350,000	10,614,920
<b>TOTAL REVENUES</b>	<b>2,424,849</b>	<b>18,970,270</b>	<b>20,896,666</b>	<b>15,566,666</b>	<b>5,497,500</b>	<b>15,300,000</b>	<b>78,655,951</b>

**COUNTY OF VOLUSIA**

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**Emergency Access Road**

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Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-9999

**Description/Justification for Capital and Operating**

There is a need for the installation of an emergency response road, approximately 15'-18' wide x 360' long, north of Taxiway November and south of the Perimeter Service Road. Currently this area is separated by two man-made retention ponds restricting access from one end of the main terminal ramp and the approach end of Runway 7L. Emergency response would benefit from this improvement.

**Project Reference**

Anticipate FDOT funding of 50% and DBIA funding of 50%

**REVENUE SOURCE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Daytona Beach International	0	0	0	0	0	100,000	100,000	100,000
FL DOT	0	0	0	0	0	100,000	100,000	100,000
<b>Total Revenues:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Improvements Other Than Buildings	0	0	0	0	0	200,000	200,000	200,000
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>

**COUNTY OF VOLUSIA**  
**Fire Alarm System Replacement**

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-9999

**Description/Justification for Capital and Operating**

This project upgrades the existing fire alarm system by providing a state of the art graphical fire alarm panel using existing electrical wiring and devices. The current Autocall AMS/ACS and attendant electronics shall be upgraded to the graphical alarm system. This system provides for a graphic display and readout of alarmed areas for immediate identification. The existing system has no means of providing operations and fire department officials the location of alarms which delays emergency first response.

This project provides for a significant improvement in life and facility safety through a integrated graphical display and reporting fire control/alarm system.

**Project Reference**

Anticipate FDOT funding 50%, DBIA funding 50%

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Daytona Beach International	0	0	125,000	0	0	0	125,000	125,000
FL DOT	0	0	125,000	0	0	0	125,000	125,000
<b>Total Revenues:</b>	<b>0</b>	<b>0</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>	<b>250,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	250,000	0	0	0	250,000	250,000
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>	<b>250,000</b>

**COUNTY OF VOLUSIA**  
**Parking Lot Improvements**

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-4005

**Description/Justification for Capital and Operating**

This project will provide much needed rehabilitation to the airport's pavement, signage and lighting infrastructures. Project scope involves the pavement rehabilitation to the long and short term and rental car parking areas; new wayfinding and overhead signage throughout the airport parking areas and exterior of terminal; new parking lot lighting improvements and overhead canopies for parking ticket dispenser facilities.

**Project Reference**

FDOT - FM436051 Grant award 50% and DBIA funding of 50%  
 Capital Project Schedule: DAB-TER-03

**REVENUE SOURCE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Daytona Beach International	60,117	1,438,628	740,000	0	0	0	2,178,628	2,238,745
FL DOT	60,117	1,438,628	740,000	0	0	0	2,178,628	2,238,745
<b>Total Revenues:</b>	<b>120,234</b>	<b>2,877,256</b>	<b>1,480,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,357,256</b>	<b>4,477,490</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Improvements Other Than Buildings	172,744	2,877,256	1,480,000	0	0	0	4,357,256	4,530,000
<b>Total Expenditures:</b>	<b>172,744</b>	<b>2,877,256</b>	<b>1,480,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,357,256</b>	<b>4,530,000</b>

**COUNTY OF VOLUSIA**  
**Replacement of ARFF Trucks**

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-9999

**Description/Justification for Capital and Operating**

Fiscal year 2018-19: replacement of 2005 Aircraft Rescue & Fire Fighting Unit 1 (3,000 gallons) that will reach its useful economic and operational life. This request considers the 12-18 month manufacturing time frame.

Fiscal year 2019-20: Replacement of 2006 Aircraft Rescue & Firefighting Unit 2 (1,500 gallons) that will reach its useful economic and operational life. This request considers the 12-18 month manufacturing time frame.

**Project Reference**

Anticipate FAA funding of 90%, FDOT funding of 5%, and DBIA funding of 5%

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Daytona Beach International	0	0	0	55,000	50,000	0	105,000	105,000
Federal Aviation Admin	0	0	0	990,000	900,000	0	1,890,000	1,890,000
FL DOT	0	0	0	55,000	50,000	0	105,000	105,000
<b>Total Revenues:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,100,000</b>	<b>1,000,000</b>	<b>0</b>	<b>2,100,000</b>	<b>2,100,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Automotive Equipment	0	0	0	1,100,000	1,000,000	0	2,100,000	2,100,000
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,100,000</b>	<b>1,000,000</b>	<b>0</b>	<b>2,100,000</b>	<b>2,100,000</b>

**COUNTY OF VOLUSIA**

**Roof Rehabilitation**

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-4503

**Description/Justification for Capital and Operating**

To complete the rehabilitation of the terminal roof, skylights and entrance canopy.

Prior year totals are from phase one, two, and three of the project which included design costs. Phase four is budgeted in fiscal year 2016-17 and phase five is budgeted in fiscal year 2020-21.

Preliminary construction bids have been recieved. The lowest bidder came in at \$435,441 but has not yet been awarded.

**Project Reference**

FDOT - FM431538 Grant award 50% and DBIA funding of 50%.

Capital Project Schedule: DAB-TER-01

**REVENUE SOURCE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Daytona Beach International	1,066,114	264,000	0	0	0	300,000	564,000	1,630,114
FL DOT	1,066,114	264,000	0	0	0	300,000	564,000	1,630,114
<b>Total Revenues:</b>	<b>2,132,228</b>	<b>528,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>600,000</b>	<b>1,128,000</b>	<b>3,260,228</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Improvements Other Than Buildings	2,132,228	528,000	0	0	0	600,000	1,128,000	3,260,228
<b>Total Expenditures:</b>	<b>2,132,228</b>	<b>528,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>600,000</b>	<b>1,128,000</b>	<b>3,260,228</b>

**COUNTY OF VOLUSIA**  
**Runway 25R RSA Improvements**

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-9999

**Description/Justification for Capital and Operating**

This project is for the design and construction to rehabilitate the Runway 25R Safety Area to current Federal Aviation Association (FAA) standards.

The stormwater system infrastructure is antiquated and has failed in several areas causing impact to stormwater flow and, at times, flooding. The 500' wide x 1,000' long runway safety area (RSA) for Runway 25R requires surface pavement rehabilitation in addition to replacement of underground stormwater pipes to ensure continued safe operation and compliance with federal aviation regulations (FAR) Part 139 and current FAA Advisory Circulars.

**Project Reference**

Anticipate FAA funding of 90%, FDOT funding of 5% and DBIA funding of 5%

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Daytona Beach International	0	0	0	2,500	27,500	0	30,000	30,000
Federal Aviation Admin	0	0	0	45,000	495,000	0	540,000	540,000
FL DOT	0	0	0	2,500	27,500	0	30,000	30,000
<b>Total Revenues:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>550,000</b>	<b>0</b>	<b>600,000</b>	<b>600,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	0	50,000	550,000	0	600,000	600,000
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>550,000</b>	<b>0</b>	<b>600,000</b>	<b>600,000</b>

**COUNTY OF VOLUSIA**  
**Stormwater Pond Relocation**

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-9999

**Description/Justification for Capital and Operating**

Remove all stormwater ponds based on recommendation from 2009 Wildlife Hazard Assessment.

**Project Reference**

Anticipate FAA funding of 90%, FDOT funding of 5%, DBIA funding of 5%

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Daytona Beach International	0	0	0	0	50,000	500,000	550,000	550,000
Federal Aviation Admin	0	0	0	0	900,000	9,000,000	9,900,000	9,900,000
FL DOT	0	0	0	0	50,000	500,000	550,000	550,000
<b>Total Revenues:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>	<b>10,000,000</b>	<b>11,000,000</b>	<b>11,000,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	0	0	1,000,000	10,000,000	11,000,000	11,000,000
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>	<b>10,000,000</b>	<b>11,000,000</b>	<b>11,000,000</b>

**COUNTY OF VOLUSIA**

**Strategic Intermodel System (SIS) - Realign Bellevue Avenue**

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-9999

**Description/Justification for Capital and Operating**

This project is required to provide for safe and effective access to airport property that will be developed as an economic development zone industrial park. Currently there is no public access from the main vehicular artery, SR 400, which provides direct access with Interstates 4 and I-95. SR 400 also connects with Williamson Boulevard, Strategic Intermodal System roads, US 92, and Midway Avenue.

**Project Reference**

Anticipated FDOT funding of 50% and DBIA funding of 50%, and is dependent on the FDOT planned projects for SR400 and SR483.

**REVENUE SOURCE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Daytona Beach International	0	0	2,500,000	0	0	0	2,500,000	2,500,000
FL DOT	0	0	2,500,000	0	0	0	2,500,000	2,500,000
<b>Total Revenues:</b>	<b>0</b>	<b>0</b>	<b>5,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,000,000</b>	<b>5,000,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Improvements Other Than Buildings	0	0	5,000,000	0	0	0	5,000,000	5,000,000
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>5,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,000,000</b>	<b>5,000,000</b>

**COUNTY OF VOLUSIA**  
**Taxiway Echo Run-up Ramp**

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-9999

**Description/Justification for Capital and Operating**

This project is programmed to construct a new 100,000 SF asphalt run-up areas (apron) for the Embry-Riddle Aeronautical University (ERAU). Current ERAU airfield taxiway and take-off operations to and from runways 7L/25R and runway 34/16 impede and limit ERAU flight operations. This fixed capacity, coupled with increasing student population and flight operations, has amplified the need to provide the necessary infrastructure to keep pace with increased student traffic. This ramp provides a hard-stand run up area in a proximity that allows for immediate intersection runway departures from Runway 34/16 and Runway 7L/25R, located between Echo 3 and Taxiway November.

ERAU has seen a significant reduction in capacity at the Daytona Beach airport. Between 2000 and 2015 the airport reduced operations from 372,000 per year to 292,000 per year, a reduction of 80,000 operations. These factors have resulted in an overall decrease in service, a significant increase in departure/arrival delays and flight cancellations.

**Project Reference**

Anticipate FAA Funding at 90% FDOT Funding of 5% and Tenant funding of 5%

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Daytona Beach International	0	0	0	0	47,500	0	47,500	47,500
ERAU	0	0	0	10,000	100,000	0	110,000	110,000
Federal Aviation Admin	0	0	0	180,000	1,800,000	0	1,980,000	1,980,000
FL DOT	0	0	0	10,000	100,000	0	110,000	110,000
<b>Total Revenues:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200,000</b>	<b>2,047,500</b>	<b>0</b>	<b>2,247,500</b>	<b>2,247,500</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Other	0	0	0	0	47,500	0	47,500	47,500
Improvements Other Than Buildings	0	0	0	200,000	2,000,000	0	2,200,000	2,200,000
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200,000</b>	<b>2,047,500</b>	<b>0</b>	<b>2,247,500</b>	<b>2,247,500</b>

COUNTY OF VOLUSIA

Taxiway November

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-4002

Description/Justification for Capital and Operating

This project addresses rehabilitation of taxiways November and Alpha and corrects identified geometries of taxiways to minimize the possibility of runway incursions. The existing taxiways in this project have reached the end of their operational and economic life cycles and are in need of rehabilitation. Subsurface storm water piping infrastructures that underlie the taxiways are in need of repair and replacement due to their age. Recent pavement evaluations conducted by the FDOT Statewide Airfield Pavement Management Program Inspection in 2012 substantiated marginal pavement conditions.

Project Reference

Anticipate FAA 90% funding, FDOT funding of 5% (FM 431539) and DBIA funding of 5% Capital Project Schedule: DAB-AF/PAV-01

REVENUE SOURCE:

Table with 9 columns: Budget Object Name, Prior Years, FY 2016-17, FY 2017-18, FY 2018-19, FY 2019-20, FY 2020-21, Total Years 1-5, Total Amount. Rows include Daytona Beach International, Federal Aviation Admin, FL DOT, and Total Revenues.

CAPITAL IMPROVEMENT EXPENDITURE:

Table with 9 columns: Budget Object Name, Prior Years, FY 2016-17, FY 2017-18, FY 2018-19, FY 2019-20, FY 2020-21, Total Years 1-5, Total Amount. Rows include Design, Improvements Other Than Buildings, and Total Expenditures.

**COUNTY OF VOLUSIA**  
**Taxiway Sierra Rehabilitation**

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-9999

**Description/Justification for Capital and Operating**

This project addresses rehabilitation of taxiway Sierra. The requirement for pavement rehabilitation was identified in the recent pavement evaluation conducted by the FDOT Statewide Airfield Pavement Management Program Inspection, conducted in January 2012. Pavement conditions are in need of mitigation to arrest continued degradation of the pavement and subsurface conditions that are resulting in surface depressions of the taxiway.

**Project Reference**

Anticipate FAA funding of 90%, FDOT funding of 5%, and DBIA funding of 5%

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Daytona Beach International	0	0	0	0	20,000	200,000	220,000	220,000
Federal Aviation Admin	0	0	0	0	360,000	3,600,000	3,960,000	3,960,000
FL DOT	0	0	0	0	20,000	200,000	220,000	220,000
<b>Total Revenues:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>400,000</b>	<b>4,000,000</b>	<b>4,400,000</b>	<b>4,400,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	0	0	400,000	4,000,000	4,400,000	4,400,000
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>400,000</b>	<b>4,000,000</b>	<b>4,400,000</b>	<b>4,400,000</b>

**COUNTY OF VOLUSIA**  
**Terminal Air Handlers**

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-4003

**Description/Justification for Capital and Operating**

This project replaces existing air handling equipment and ancillary controls that have reached their economic and operational life cycle. Replacement of this plant equipment will provide for assured HVAC functionality and operations. Design and installation of new HVAC plant equipment, controls, and air distribution will result in tangible energy and maintenance savings. This project is related to future replacement of central chillers and attendant controls.

**Project Reference**

FDOT - FM433516 Grant funding of 50% and DBIA funding of 50%  
 Capital Project Schedule: DAB-TER-02

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Daytona Beach International	37,576	961,580	0	0	0	0	961,580	999,156
FL DOT	37,576	961,580	0	0	0	0	961,580	999,156
<b>Total Revenues:</b>	<b>75,152</b>	<b>1,923,160</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,923,160</b>	<b>1,998,312</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Design	75,152	37,948	0	0	0	0	37,948	113,100
Improvements Other Than Buildings	0	1,885,212	0	0	0	0	1,885,212	1,885,212
<b>Total Expenditures:</b>	<b>75,152</b>	<b>1,923,160</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,923,160</b>	<b>1,998,312</b>

**COUNTY OF VOLUSIA**  
**Terminal Chiller Replacement**

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-9999

**Description/Justification for Capital and Operating**

This 3-phase project will complete a comprehensive upgrade and modernization of the airport's central HVAC system. The chillers are 22 years old and nearing the end of their useful life, with frequent repairs and hard-to-find parts. The Design phase will be completed in 2019. Phase 1 in 2020 will replace a 400 ton chiller, Phase 2 in 2021 will replace the other 400 ton chiller, and Phase 3 in 2022 will replace the 200 ton chiller.

**Project Reference**

Anticipate FDOT funding at 50% and DBIA funding at 50%

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Daytona Beach International	0	0	0	25,000	250,000	250,000	525,000	525,000
FL DOT	0	0	0	25,000	250,000	250,000	525,000	525,000
<b>Total Revenues:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>500,000</b>	<b>500,000</b>	<b>1,050,000</b>	<b>1,050,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	0	50,000	500,000	500,000	1,050,000	1,050,000
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>500,000</b>	<b>500,000</b>	<b>1,050,000</b>	<b>1,050,000</b>

**COUNTY OF VOLUSIA**  
**Terminal Renovations**

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-2015

**Description/Justification for Capital and Operating**

Renovations to DAB Terminal to include updating wall, flooring and ceiling surfaces; lighting, communications systems, flight display systems, way-finding signage, ticketing inserts/cabinetry and fixtures, furnishings and equipment to improve and enhance the passenger experience and convenience.

**Project Reference**

Capital Project Schedule: DAB-TER-07

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Daytona Beach International	59,300	2,000,000	5,000,000	5,000,000	0	0	12,000,000	12,059,300
<b>Total Revenues:</b>	<b>59,300</b>	<b>2,000,000</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>0</b>	<b>0</b>	<b>12,000,000</b>	<b>12,059,300</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Design	59,300	0	0	0	0	0	0	59,300
Improvements Other Than Buildings	0	2,000,000	5,000,000	5,000,000	0	0	12,000,000	12,000,000
<b>Total Expenditures:</b>	<b>59,300</b>	<b>2,000,000</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>0</b>	<b>0</b>	<b>12,000,000</b>	<b>12,059,300</b>

**COUNTY OF VOLUSIA**

**Terminal Restroom Renovations (Phase III)**

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-1000

**Description/Justification for Capital and Operating**

Airport Terminal Restroom Renovation for the 2nd floor atrium landside location and 1st floor baggage claim location

**Project Reference**

To be funded by DBIA at 100%

**REVENUE SOURCE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Daytona Beach International	0	375,000	0	0	0	0	375,000	375,000
<b>Total Revenues:</b>	<b>0</b>	<b>375,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>375,000</b>	<b>375,000</b>

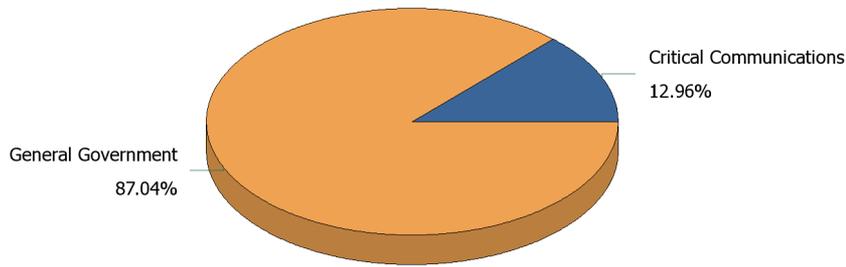
**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Improvements Other Than Buildings	0	375,000	0	0	0	0	375,000	375,000
<b>Total Expenditures:</b>	<b>0</b>	<b>375,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>375,000</b>	<b>375,000</b>

# COUNTY OF VOLUSIA

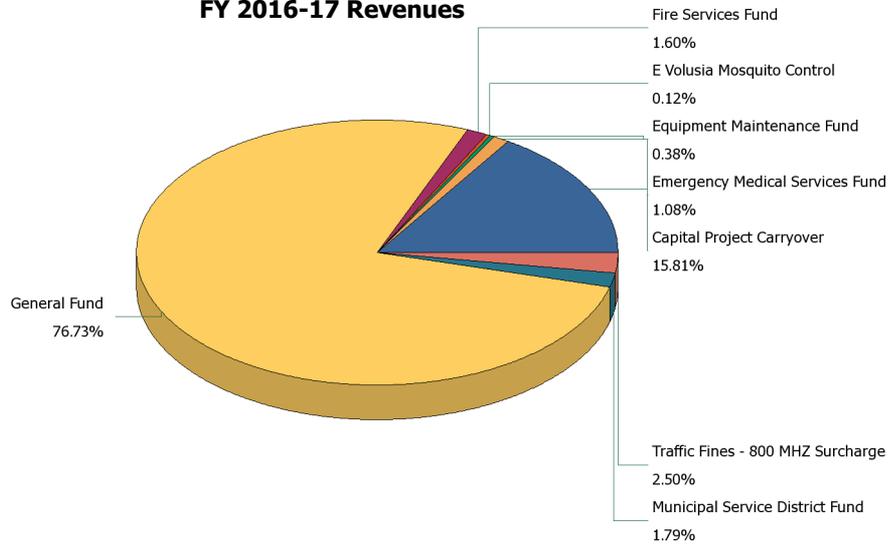
## Business Services

### FY 2016-17 Expenditures



Division	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Critical Communications	565,000	1,435,056	15,954,060	3,250,000	0	1,000,000	22,204,116
General Government	0	9,640,482	3,226,100	1,675,000	2,565,000	1,650,000	18,756,582
<b>Total Expenditures</b>	<b>565,000</b>	<b>11,075,538</b>	<b>19,180,160</b>	<b>4,925,000</b>	<b>2,565,000</b>	<b>2,650,000</b>	<b>40,960,698</b>

### FY 2016-17 Revenues



Revenue Source	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Capital Project Carryover	0	2,448,127	0	0	0	0	2,448,127
Emergency Medical Services Fund	333,906	166,953	166,953	0	0	0	667,812
Equipment Maintenance Fund	0	58,392	111,100	0	0	0	169,492
E Volusia Mosquito Control	36,500	18,250	18,250	0	0	0	73,000
Fire Services Fund	486,894	248,447	208,447	0	0	0	943,788
General Fund	1,905,846	11,880,013	8,280,729	4,538,411	2,565,000	1,876,822	31,046,821
Municipal Service District Fund	616,300	276,900	276,900	0	0	0	1,170,100
Traffic Fines - 800 MHZ Surcharge	2,508,613	386,589	386,589	386,589	386,589	386,589	4,441,558
<b>Total Revenues</b>	<b>5,888,059</b>	<b>15,483,671</b>	<b>9,448,968</b>	<b>4,925,000</b>	<b>2,951,589</b>	<b>2,263,411</b>	<b>40,960,698</b>

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**COUNTY OF VOLUSIA**

**Business Services - Critical Communications**

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Project Title</b>	<b>Prior Years</b>	<b>FY 2016-17 Year 1</b>	<b>FY 2017-18 Year 2</b>	<b>FY 2018-19 Year 3</b>	<b>FY 2019-20 Year 4</b>	<b>FY 2020-21 Year 5</b>	<b>Total Amount</b>
700 MHz Overlay Network	0	0	0	150,000	0	0	150,000
800 MHz Backbone Infrastructure Project	565,000	0	8,600,000	3,100,000	0	0	12,265,000
800 MHz Radio Replacement	0	0	7,354,060	0	0	0	7,354,060
De Leon Springs Radio Tower	0	0	0	0	0	1,000,000	1,000,000
Financial System Upgrade	0	1,435,056	0	0	0	0	1,435,056
<b>TOTAL EXPENDITURES</b>	<b>565,000</b>	<b>1,435,056</b>	<b>15,954,060</b>	<b>3,250,000</b>	<b>0</b>	<b>1,000,000</b>	<b>22,204,116</b>

**REVENUE SOURCE:**

<b>Project Title</b>	<b>Prior Years</b>	<b>FY 2016-17 Year 1</b>	<b>FY 2017-18 Year 2</b>	<b>FY 2018-19 Year 3</b>	<b>FY 2019-20 Year 4</b>	<b>FY 2020-21 Year 5</b>	<b>Total Amount</b>
Capital Project Carryover	0	2,448,127	0	0	0	0	2,448,127
Emergency Medical Services Fund	333,906	166,953	166,953	0	0	0	667,812
E Volusia Mosquito Control	36,500	18,250	18,250	0	0	0	73,000
Fire Services Fund	486,894	208,447	208,447	0	0	0	903,788
General Fund	1,905,846	2,337,923	5,165,729	2,863,411	0	226,822	12,499,731
Municipal Service District Fund	616,300	276,900	276,900	0	0	0	1,170,100
Traffic Fines - 800 MHZ Surcharge	2,508,613	386,589	386,589	386,589	386,589	386,589	4,441,558
<b>TOTAL REVENUES</b>	<b>5,888,059</b>	<b>5,843,189</b>	<b>6,222,868</b>	<b>3,250,000</b>	<b>386,589</b>	<b>613,411</b>	<b>22,204,116</b>

COUNTY OF VOLUSIA

700 MHz Overlay Network

Department: Business Services

Location: 800 MHz tower sites

CIP Category: Critical Communications

Account Number: 305-930-4600

**Description/Justification for Capital and Operating**

This project will use 700MHz frequencies and radio equipment to connect Volusia County's public safety network to surrounding counties' networks. The project will focus on Seminole and Brevard counties initially and other counties such as Lake, Orange, and Flagler at a later stage. The project will improve communication during law enforcement automobile chases in the I-95 and I-4 corridors and improve officer safety and effectiveness.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Traffic Fines - 800 MHZ Surcharge	0	0	0	150,000	0	0	150,000	150,000
<b>Total Revenues:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>150,000</b>	<b>0</b>	<b>0</b>	<b>150,000</b>	<b>150,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Other Equipment	0	0	0	150,000	0	0	150,000	150,000
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>150,000</b>	<b>0</b>	<b>0</b>	<b>150,000</b>	<b>150,000</b>

**COUNTY OF VOLUSIA**

**800 MHz Backbone Infrastructure Project**

Department: Business Services

Location: 800 MHz tower sites

CIP Category: Critical Communications

Account Number: 305-930-4605

**Description/Justification for Capital and Operating**

This capital improvement project is necessary to maintain and upgrade the County's 800 MHz public safety radio system backbone. The project will upgrade the 800 MHz system to the next generation of technology based on P25, an industry standard. Annual revenue from a communications surcharge on traffic tickets is used to help fund the necessary projects. In fiscal year 2013-14, work began to enhance radio coverage in the City of DeBary, Gemini Springs, and the Lake Monroe area by using an existing tower in the area to establish an additional radio site. Engineering services costing an estimated \$250,000 will be used to analyze market and technology direction and to assist with RFP development. The upgrade is necessary to continue support of the system and to maintain reliability. In fiscal year 2017-18, the County will begin migration of the radio system to P25.

The multi-year P25 backbone infrastructure upgrade is projected to cost \$11.7 million. Additional expenses for engineering, southwest tower site upgrades, and simulcast equipment are \$565,000, bringing the total infrastructure project cost to \$12,265,000. Funding of \$4,531,451 is available from 800 MHz traffic surcharge revenues and capital project balances from prior years, leaving a balance of \$7,733,549 in funding required to implement the upgrade in fiscal year 2017-18, this is being accomplished through transfers from General Fund in fiscal years 2016-17, 2017-18, and 2018-19.

**Project Reference**

800 MHz Radio Replacement, the upgrade of portable and mobile radio units to work on a P25 system is projected at an additional \$7,300,000 based on current pricing and is described in the CIP document 800 MHz Radio Replacement.

**REVENUE SOURCE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Capital Project Carryover	0	1,013,071	0	0	0	0	1,013,071	1,013,071
General Fund	0	1,510,000	3,360,138	2,863,411	0	0	7,733,549	7,733,549
Traffic Fines - 800 MHz Surcharge	2,508,613	386,589	386,589	236,589	0	0	1,009,767	3,518,380
<b>Total Revenues:</b>	<b>2,508,613</b>	<b>2,909,660</b>	<b>3,746,727</b>	<b>3,100,000</b>	<b>0</b>	<b>0</b>	<b>9,756,387</b>	<b>12,265,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Engineering	250,000	0	0	0	0	0	0	250,000
Improvements Other Than Buildings	315,000	0	8,600,000	3,100,000	0	0	11,700,000	12,015,000
<b>Total Expenditures:</b>	<b>565,000</b>	<b>0</b>	<b>8,600,000</b>	<b>3,100,000</b>	<b>0</b>	<b>0</b>	<b>11,700,000</b>	<b>12,265,000</b>

**COUNTY OF VOLUSIA**  
**800 MHz Radio Replacement**

Department: Business Services

Location: Countywide

CIP Category: Critical Communications

Account Number: 305-930-4606

**Description/Justification for Capital and Operating**

This capital improvement project is a companion project to the 800 MHz Backbone Infrastructure project. In fiscal year 2017-18, the County will begin the multi-year migration of the radio system to P25. It will be necessary to upgrade portable and mobile radio units at the same time as the backbone upgrade in order for radios to communicate on the new P25 system. P25 is a public safety standard that permits P25 radios made by different manufacturers to work on the same network. The General Fund, Mosquito Control Fund, Emergency Medical Services Fund, Municipal Service District Fund, and the Fire Services Fund will make annual contributions toward the fiscal year 2017-18 purchase of P25 compatible radios.

In July 2016, letters were sent to each of the cities within Volusia County to update them on the County of Volusia's planned upgrades. The letter also urged the cities to evaluate their own inventory and upgrade options to ensure free flowing communications between city and county emergency service providers.

**Project Reference**

800 MHz Backbone Infrastructure Project

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Emergency Medical Services Fund	333,906	166,953	166,953	0	0	0	333,906	667,812
E Volusia Mosquito Control	36,500	18,250	18,250	0	0	0	36,500	73,000
Fire Services Fund	486,894	208,447	208,447	0	0	0	416,894	903,788
General Fund	1,905,846	827,923	1,805,591	0	0	0	2,633,514	4,539,360
Municipal Service District Fund	616,300	276,900	276,900	0	0	0	553,800	1,170,100
<b>Total Revenues:</b>	<b>3,379,446</b>	<b>1,498,473</b>	<b>2,476,141</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,974,614</b>	<b>7,354,060</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Other	0	0	7,354,060	0	0	0	7,354,060	7,354,060
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>7,354,060</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,354,060</b>	<b>7,354,060</b>

**COUNTY OF VOLUSIA**  
**De Leon Springs Radio Tower**

Department: Business Services

Location: De Leon Springs

CIP Category: Critical Communications

Account Number: 305-930-4600

**Description/Justification for Capital and Operating**

Replacing the current De Leon Springs radio tower with a tower built through a possible public/private partnership. Currently the County pays \$40,000/year for a lease that escalates at 4% annually.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
General Fund	0	0	0	0	0	226,822	226,822	226,822
Traffic Fines - 800 MHZ Surcharge	0	0	0	0	386,589	386,589	773,178	773,178
<b>Total Revenues:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>386,589</b>	<b>613,411</b>	<b>1,000,000</b>	<b>1,000,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	0	0	0	1,000,000	1,000,000	1,000,000
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>1,000,000</b>

**COUNTY OF VOLUSIA**  
**Financial System Upgrade**

Department: Business Services

Location: DeLand

CIP Category: Critical Communications

Account Number: 322-930-1005

**Description/Justification for Capital and Operating**

This project is an upgrade to the County's CGI Advantage Enterprise Resource Planning (ERP) solutions. The CGI Advantage ERP solutions provide Financial Management, Human Resources/Payroll Management, Procurement, Performance Budgeting, and Business Intelligence functions designed for state and local governments. This upgrade of the current CGI version 3.9 to 3.11.1 is the latest major release, and is required to stay at Tier 1 level support from CGI. New software features that previously did not exist will be evaluated for implementation.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Capital Project Carryover	0	1,435,056	0	0	0	0	1,435,056	1,435,056
<b>Total Revenues:</b>	<b>0</b>	<b>1,435,056</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,435,056</b>	<b>1,435,056</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Implementation Services	0	1,235,056	0	0	0	0	1,235,056	1,235,056
Other Equipment	0	200,000	0	0	0	0	200,000	200,000
<b>Total Expenditures:</b>	<b>0</b>	<b>1,435,056</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,435,056</b>	<b>1,435,056</b>

**COUNTY OF VOLUSIA**

**Business Services - General Government**

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Project Title</b>	<b>Prior Years</b>	<b>FY 2016-17 Year 1</b>	<b>FY 2017-18 Year 2</b>	<b>FY 2018-19 Year 3</b>	<b>FY 2019-20 Year 4</b>	<b>FY 2020-21 Year 5</b>	<b>Total Amount</b>
Court/Central Services Warehouse	0	3,400,000	0	0	0	0	3,400,000
Courthouse Spatial Study and Design	0	253,500	0	0	0	0	253,500
Courts - Carpet Replacement	0	350,000	335,000	330,000	285,000	305,000	1,605,000
Courts - City Island Courthouse Annex	0	435,000	670,000	0	450,000	0	1,555,000
Courts - Courthouse Improvements	0	250,000	0	0	1,000,000	0	1,250,000
Courts - Roofs	0	50,000	400,000	0	25,000	0	475,000
Courts - S. James Foxman Justice Center	0	800,000	0	0	0	0	800,000
Courts - Volusia County Courthouse	0	491,364	300,000	250,000	0	700,000	1,741,364
DeLand Data Center Floor Replacement	0	0	80,000	0	0	0	80,000
Facilities - Carpentry and Painting	0	170,000	435,000	100,000	100,000	100,000	905,000
Facilities - Electrical	0	440,000	0	0	0	0	440,000
Facilities - Flooring	0	77,000	40,000	120,000	205,000	195,000	637,000
Facilities - Historic Courthouse	0	650,000	0	0	0	0	650,000
Facilities - Maintenance and Repairs	0	347,726	0	0	350,000	350,000	1,047,726
Facilities - Roofs	0	430,000	0	525,000	150,000	0	1,105,000
Facilities - Thomas C. Kelly Administration Building	0	1,312,500	755,000	350,000	0	0	2,417,500
Fleet - DeLand Transfer Station Fuel Site Road and Canopy Replacement	0	58,392	41,800	0	0	0	100,192
Fleet - Osteen Fuel Site Canopy Replacement	0	0	69,300	0	0	0	69,300
Security - Improvements and Upgrades	0	125,000	100,000	0	0	0	225,000
<b>TOTAL EXPENDITURES</b>	<b>0</b>	<b>9,640,482</b>	<b>3,226,100</b>	<b>1,675,000</b>	<b>2,565,000</b>	<b>1,650,000</b>	<b>18,756,582</b>

**REVENUE SOURCE:**

<b>Project Title</b>	<b>Prior Years</b>	<b>FY 2016-17 Year 1</b>	<b>FY 2017-18 Year 2</b>	<b>FY 2018-19 Year 3</b>	<b>FY 2019-20 Year 4</b>	<b>FY 2020-21 Year 5</b>	<b>Total Amount</b>
Equipment Maintenance Fund	0	58,392	111,100	0	0	0	169,492
Fire Services Fund	0	40,000	0	0	0	0	40,000
General Fund	0	9,542,090	3,115,000	1,675,000	2,565,000	1,650,000	18,547,090
<b>TOTAL REVENUES</b>	<b>0</b>	<b>9,640,482</b>	<b>3,226,100</b>	<b>1,675,000</b>	<b>2,565,000</b>	<b>1,650,000</b>	<b>18,756,582</b>

COUNTY OF VOLUSIA

Court/Central Services Warehouse

Department: Business Services

Location: Indian Lake Road

CIP Category: General Government

Account Number: 368-930-4190

Description/Justification for Capital and Operating

Current record storage for the court records and Central Services Division is in three buildings dating back to 1950, 1960, and 1970. The buildings are on prime property at the intersection of Clyde Morris Boulevard and Bellevue Avenue in Daytona Beach. Building new storage facilities at a new location would allow repurposing of the current site to the highest and best use. New facilities could be integrated with other warehouse projects and provide integrated security, building automation and climate controls for the court records, and non-air conditioned space for Central Services. This project is part of the core services infrastructure plan presented to Council on May 21, 2015.

Project Reference

Capital Project Schedule: BS-CES-1

REVENUE SOURCE:

Table with 9 columns: Budget Object Name, Prior Years, FY 2016-17, FY 2017-18, FY 2018-19, FY 2019-20, FY 2020-21, Total Years 1-5, Total Amount. Rows include General Fund and Total Revenues.

CAPITAL IMPROVEMENT EXPENDITURE:

Table with 9 columns: Budget Object Name, Prior Years, FY 2016-17, FY 2017-18, FY 2018-19, FY 2019-20, FY 2020-21, Total Years 1-5, Total Amount. Rows include Buildings and Structures and Total Expenditures.

**COUNTY OF VOLUSIA**  
**Courthouse Spatial Study and Design**

Department: Business Services

Location: Countywide Court Facilities

CIP Category: General Government

Account Number: 001-870-4300

**Description/Justification for Capital and Operating**

Court operations study and design services. The objective of the Judicial Space Analysis is to identify current inadequacies and inefficiencies, and the future requirements of the Volusia County court facilities. Cost estimates of future demands will also be provided. The analysis will contain historical, demographic, and social information which will provide an insight into the expected growth of the county. The report will also include estimates of construction of a new courthouse and/or renovations or additions of existing facilities based on projected needs.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
General Fund	0	253,500	0	0	0	0	253,500	253,500
<b>Total Revenues:</b>	<b>0</b>	<b>253,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>253,500</b>	<b>253,500</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Design	0	253,500	0	0	0	0	253,500	253,500
<b>Total Expenditures:</b>	<b>0</b>	<b>253,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>253,500</b>	<b>253,500</b>

**COUNTY OF VOLUSIA**  
**Courts - Carpet Replacement**

Department: Business Services

Location: Various County Court Facilities

CIP Category: General Government

Account Number: 001-870-4300

**Description/Justification for Capital and Operating**

Various County Court Facilities: Carpet replacement at various county court facilities.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
General Fund	0	350,000	335,000	330,000	285,000	305,000	1,605,000	1,605,000
<b>Total Revenues:</b>	<b>0</b>	<b>350,000</b>	<b>335,000</b>	<b>330,000</b>	<b>285,000</b>	<b>305,000</b>	<b>1,605,000</b>	<b>1,605,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Buildings and Structures	0	350,000	335,000	330,000	285,000	305,000	1,605,000	1,605,000
<b>Total Expenditures:</b>	<b>0</b>	<b>350,000</b>	<b>335,000</b>	<b>330,000</b>	<b>285,000</b>	<b>305,000</b>	<b>1,605,000</b>	<b>1,605,000</b>

**COUNTY OF VOLUSIA**  
**Courts - City Island Courthouse Annex**

Department: Business Services

Location: 125 East Orange Avenue, Daytona Beach

CIP Category: General Government

Account Number: 001-870-4300

**Description/Justification for Capital and Operating**

Bathroom Refurbishing  
 Fiscal Year 2016-17: \$25,000  
 Upgrade fixtures in the bathrooms.

Envelope Resealing  
 Fiscal Year 2016-17: \$300,000  
 Resealing the building envelope (windows, doors, and walls) of the building.

Plumbing Engineering, Refurbishing, and Infrastructure Replacement  
 Fiscal Year 2016-17: \$30,000  
 Fiscal Year 2017-18: \$370,000  
 Engineering for upgrading the current plumbing infrastructure of the building and installing the new infrastructure.

HVAC Replacement  
 Fiscal Year 2019-20: \$450,000  
 Replace the current HVAC condensing units in the building.

Variable Air Volume (VAV) and Heater Replacement  
 Fiscal Year 2017-18: \$300,000  
 Replace the current VAV and heater system in the building.

Storefront Replacement Engineering  
 Fiscal Year 2016-17: \$80,000  
 Engineering to replace the glass doors and entrance way for the building.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
General Fund	0	435,000	670,000	0	450,000	0	1,555,000	1,555,000
<b>Total Revenues:</b>	<b>0</b>	<b>435,000</b>	<b>670,000</b>	<b>0</b>	<b>450,000</b>	<b>0</b>	<b>1,555,000</b>	<b>1,555,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Buildings and Structures	0	405,000	670,000	0	450,000	0	1,525,000	1,525,000
Engineering	0	30,000	0	0	0	0	30,000	30,000
<b>Total Expenditures:</b>	<b>0</b>	<b>435,000</b>	<b>670,000</b>	<b>0</b>	<b>450,000</b>	<b>0</b>	<b>1,555,000</b>	<b>1,555,000</b>

**COUNTY OF VOLUSIA**  
**Courts - Courthouse Improvements**

Department: Business Services

Location: TBD based on study

CIP Category: General Government

Account Number: 001-870-4300

**Description/Justification for Capital and Operating**

Improvements to county courthouses in fiscal year 2019-20 based on the Courthouse Spatial Study and Design that will take place during fiscal year 2016-17.

**Project Reference**

Spatial Study Bid #16-SQ-117KW

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
General Fund	0	250,000	0	0	1,000,000	0	1,250,000	1,250,000
<b>Total Revenues:</b>	<b>0</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>	<b>0</b>	<b>1,250,000</b>	<b>1,250,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Buildings and Structures	0	0	0	0	1,000,000	0	1,000,000	1,000,000
Design	0	250,000	0	0	0	0	250,000	250,000
<b>Total Expenditures:</b>	<b>0</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>	<b>0</b>	<b>1,250,000</b>	<b>1,250,000</b>

**COUNTY OF VOLUSIA**

**Courts - Roofs**

Department: Business Services

Location: Various County Court Facilities

CIP Category: General Government

Account Number: 001-870-4300

**Description/Justification for Capital and Operating**

Clerk Record Center (235 West New York Avenue, DeLand): Roof Replacement  
Fiscal Year 2017-18: \$200,000

New Smyrna Beach Court Annex (124 North Riverside Drive, New Smyrna Beach): Roof Inspection and Evaluation  
Fiscal Year 2019-20: \$25,000

State Attorney (440 South Beach Street, Daytona Beach): Roof Engineering and Replacement  
Fiscal Year 2016-17: \$50,000  
Fiscal Year 2017-18: \$200,000

**Project Reference**

None

**REVENUE SOURCE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
General Fund	0	50,000	400,000	0	25,000	0	475,000	475,000
<b>Total Revenues:</b>	<b>0</b>	<b>50,000</b>	<b>400,000</b>	<b>0</b>	<b>25,000</b>	<b>0</b>	<b>475,000</b>	<b>475,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Buildings and Structures	0	0	400,000	0	25,000	0	425,000	425,000
Engineering	0	50,000	0	0	0	0	50,000	50,000
<b>Total Expenditures:</b>	<b>0</b>	<b>50,000</b>	<b>400,000</b>	<b>0</b>	<b>25,000</b>	<b>0</b>	<b>475,000</b>	<b>475,000</b>

**COUNTY OF VOLUSIA**

**Courts - S. James Foxman Justice Center**

Department: Business Services

Location: 251 North Ridgewood Avenue, Daytona Beach

CIP Category: General Government

Account Number: 001-870-4300

**Description/Justification for Capital and Operating**

HVAC System Replacement and Screen Wall : \$550,000

Modular Furniture Replacement: \$200,000

Variable Air Volume (VAV) Replacement: \$50,000

**Project Reference**

None

**REVENUE SOURCE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
General Fund	0	800,000	0	0	0	0	800,000	800,000
<b>Total Revenues:</b>	<b>0</b>	<b>800,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>800,000</b>	<b>800,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Buildings and Structures	0	750,000	0	0	0	0	750,000	750,000
Engineering	0	50,000	0	0	0	0	50,000	50,000
<b>Total Expenditures:</b>	<b>0</b>	<b>800,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>800,000</b>	<b>800,000</b>

**COUNTY OF VOLUSIA**  
**Courts - Volusia County Courthouse**

Department: Business Services

Location: 101 North Alabama Avenue, DeLand

CIP Category: General Government

Account Number: 001-870-4300

**Description/Justification for Capital and Operating**

Access and Security

Fiscal Year 2016-17: \$441,364

Upgrade the access and security system in the courthouse.

Flat Roof Sections Replacement

Fiscal Year 2020-21: \$700,000

Replace the existing flat roof sections of the courthouse.

Parking Garage Concrete and Drainage

Fiscal Year 2016-17: \$50,000

Fiscal Year 2017-18: \$300,000

Concrete work to repair and upgrade the current drainage issues in the courthouse parking garage.

Thermal Energy Storage

Fiscal Year 2018-19: \$250,000

Evaluate feasibility of installing a thermal energy storage system at the courthouse and installation.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
General Fund	0	491,364	300,000	250,000	0	700,000	1,741,364	1,741,364
<b>Total Revenues:</b>	<b>0</b>	<b>491,364</b>	<b>300,000</b>	<b>250,000</b>	<b>0</b>	<b>700,000</b>	<b>1,741,364</b>	<b>1,741,364</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Buildings and Structures	0	441,364	300,000	250,000	0	700,000	1,691,364	1,691,364
Engineering	0	50,000	0	0	0	0	50,000	50,000
<b>Total Expenditures:</b>	<b>0</b>	<b>491,364</b>	<b>300,000</b>	<b>250,000</b>	<b>0</b>	<b>700,000</b>	<b>1,741,364</b>	<b>1,741,364</b>

**COUNTY OF VOLUSIA**

**DeLand Data Center Floor Replacement**

Department: Business Services

Location: DeLand

CIP Category: General Government

Account Number: 001-820-1200

**Description/Justification for Capital and Operating**

The DeLand data center raised tile floor is reaching its end-of-life. The floor is over 30 years old and has been patched with used tiles from other sources. The underlying support infrastructure along with all the tiles needs to be replaced to maintain a safe and reliable environment for the next several years. As part of this project, as recommended by a 2013 engineering report, a glass partition wall will be built to separate the occupied support desk area from the data center equipment area. Project costs also include reconfiguration of the data center fire suppression system necessary to accommodate the new floor and glass wall.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
General Fund	0	0	80,000	0	0	0	80,000	80,000
<b>Total Revenues:</b>	<b>0</b>	<b>0</b>	<b>80,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>80,000</b>	<b>80,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Buildings and Structures	0	0	80,000	0	0	0	80,000	80,000
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>80,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>80,000</b>	<b>80,000</b>

**COUNTY OF VOLUSIA**

**Facilities - Carpentry and Painting**

Department: Business Services

Location: Various County Facilities

CIP Category: General Government

Account Number: 001-870-4200

**Description/Justification for Capital and Operating**

Emergency Medical Services Building (135 Carswell Avenue, Holly Hill): Secure Front Lobby

Fiscal Year 2016-17: \$30,000

Constructing a secure area for the reception area and upgrading the access door to the administration area with card readers.

Daytona Beach Administration Building (250 North Beach Street, Daytona Beach): Renovate State Attorney Spaces

Fiscal Year 2017-18: \$250,000

Renovate the State Attorney offices inside the administration building to increase staff space and efficiencies.

Daytona Beach Sheriffs Operations (1330 Indian Lake Road, Daytona Beach): Front Lobby Windows, Frames, and Front Entrance

Fiscal Year 2017-18: \$25,000

Replacing existing front lobby windows, frames, and front entrance door due to leaking.

Facilities Building (3811 Tiger Bay Road, Daytona Beach): Warehouse Reconfiguration

Fiscal Year 2017-18: \$60,000

Reconfigure the existing warehouse space in the Facilities building.

Facilities Building (3811 Tiger Bay Road, Daytona Beach): Loading Dock Repair

Fiscal Year 2016-17: \$40,000

Repair the loading dock bay door at the Facilities building.

Various County Facilities: Painting

\$100,000 each fiscal year

Interior and exterior painting at various county facilities.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
General Fund	0	170,000	435,000	100,000	100,000	100,000	905,000	905,000
<b>Total Revenues:</b>	<b>0</b>	<b>170,000</b>	<b>435,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>905,000</b>	<b>905,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Buildings and Structures	0	170,000	435,000	100,000	100,000	100,000	905,000	905,000
<b>Total Expenditures:</b>	<b>0</b>	<b>170,000</b>	<b>435,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>905,000</b>	<b>905,000</b>

**COUNTY OF VOLUSIA**

**Facilities - Electrical**

Department: Business Services

Location: Various County Facilities

CIP Category: General Government

Account Number: 001-870-4200

**Description/Justification for Capital and Operating**

Marine Science Center (100 Lighthouse Drive, Ponce Inlet): Electrical Upgrade Design

Fiscal Year 2016-17: \$30,000

Evaluate existing conduits, generator, and main exterior electrical panels to develop a replacement design plan for these items for the Marine Science Center.

Marine Science Center (100 Lighthouse Drive, Ponce Inlet): Electrical Upgrade

Fiscal Year 2016-17: \$200,000

Upgrade and replace electrical components that were identified in the electrical upgrade design plan.

Daytona Beach Information Technology (49 Keyton Drive, Daytona Beach): Generator System Replacement

Fiscal Year 2016-17: \$210,000

Replace existing north generator at facility.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
General Fund	0	440,000	0	0	0	0	440,000	440,000
<b>Total Revenues:</b>	<b>0</b>	<b>440,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>440,000</b>	<b>440,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Buildings and Structures	0	410,000	0	0	0	0	410,000	410,000
Engineering	0	30,000	0	0	0	0	30,000	30,000
<b>Total Expenditures:</b>	<b>0</b>	<b>440,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>440,000</b>	<b>440,000</b>

**COUNTY OF VOLUSIA**

**Facilities - Flooring**

Department: Business Services

Location: Various County Facilities

CIP Category: General Government

Account Number: 001-870-4200

**Description/Justification for Capital and Operating**

Various County Facilities: Carpet Replacement at various county facilities.

**Project Reference**

None

**REVENUE SOURCE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
General Fund	0	77,000	40,000	120,000	205,000	195,000	637,000	637,000
<b>Total Revenues:</b>	<b>0</b>	<b>77,000</b>	<b>40,000</b>	<b>120,000</b>	<b>205,000</b>	<b>195,000</b>	<b>637,000</b>	<b>637,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Buildings and Structures	0	77,000	40,000	120,000	205,000	195,000	637,000	637,000
<b>Total Expenditures:</b>	<b>0</b>	<b>77,000</b>	<b>40,000</b>	<b>120,000</b>	<b>205,000</b>	<b>195,000</b>	<b>637,000</b>	<b>637,000</b>

**COUNTY OF VOLUSIA**  
**Facilities - Historic Courthouse**

Department: Business Services

Location: 125 West New York Avenue, DeLand

CIP Category: General Government

Account Number: 001-870-4200

**Description/Justification for Capital and Operating**

Envelope Sealing \$550,000 (Phase 3 \$250,000 and Phase 4 \$300,000): Resealing the building envelope (windows, doors, and walls) of the Historic Courthouse.

Audio/Video \$100,000: Installation of audio/video equipment so the courtroom can be used for trials.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
General Fund	0	650,000	0	0	0	0	650,000	650,000
<b>Total Revenues:</b>	<b>0</b>	<b>650,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>650,000</b>	<b>650,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Buildings and Structures	0	650,000	0	0	0	0	650,000	650,000
<b>Total Expenditures:</b>	<b>0</b>	<b>650,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>650,000</b>	<b>650,000</b>

**COUNTY OF VOLUSIA**

**Facilities - Maintenance and Repairs**

Department: Business Services

Location: Various County Facilities

CIP Category: General Government

Account Number: 001-870-4200

**Description/Justification for Capital and Operating**

Various County Facilities: Building Maintenance and Repair

Each year, remodel projects occur as well as operating systems such as HVAC systems, plumbing, electrical, and roofs in county facilities are in need of repair and/or replacement earlier than anticipated.

**Project Reference**

None

**REVENUE SOURCE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
General Fund	0	347,726	0	0	350,000	350,000	1,047,726	1,047,726
<b>Total Revenues:</b>	<b>0</b>	<b>347,726</b>	<b>0</b>	<b>0</b>	<b>350,000</b>	<b>350,000</b>	<b>1,047,726</b>	<b>1,047,726</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Buildings and Structures	0	297,726	0	0	350,000	350,000	997,726	997,726
Design	0	50,000	0	0	0	0	50,000	50,000
<b>Total Expenditures:</b>	<b>0</b>	<b>347,726</b>	<b>0</b>	<b>0</b>	<b>350,000</b>	<b>350,000</b>	<b>1,047,726</b>	<b>1,047,726</b>

COUNTY OF VOLUSIA

Facilities - Roofs

Department: Business Services

Location: Various County Facilities

CIP Category: General Government

Account Number: 001-870-4200

Description/Justification for Capital and Operating

Halifax Historical Society Museum (252 South Beach Street, Daytona Beach): Roof Replacement in Fiscal Year 2019-20.

Sheriff Aviation Hanger (351 Singleton Drive, DeLand): Roof Inspection and Evaluation in Fiscal Year 2018-19: \$25,000

Emergency Medical Services (1970 South Volusia Avenue, Orange City): Roof Replacement at Post 2 in Fiscal Year 2016-17 \$40,000 Central Services; \$40,000 Fire Services Fund.

Halifax Clinic (431 Keech Street, Daytona Beach): Roof Replacement in Fiscal Year 2018-19: \$200,000.

Marine Science Center (100 Lighthouse Drive, Ponce Inlet): Roof Replacement in Fiscal Year 2016-17: \$200,000.

Medical Examiner (1360 Indian Lake Road, Daytona Beach): Roof Replacement and HVAC Engineering Fiscal Year 2016-17: \$50,000

Old Jail (130 West New York Avenue, DeLand): Demolition or Roof Replacement Fiscal Year 2018-19: \$300,000. Once the determination has been made whether or not to keep the Old Jail building the funds are for the demolition of the building or to replace the roof if the building is to remain.

Old Elections (136 North Florida Avenue, DeLand): Demolition and Paving or Roof Replacement Fiscal Year 2016-17: \$100,000. Once the determination has been made whether or not to keep the Old Elections building the funds are for the demolition of the building and pave the space for additional parking or to replace the roof if the building is to remain.

Project Reference

None

REVENUE SOURCE:

Table with 9 columns: Budget Object Name, Prior Years, FY 2016-17, FY 2017-18, FY 2018-19, FY 2019-20, FY 2020-21, Total Years 1-5, Total Amount. Rows include Fire Services Fund, General Fund, and Total Revenues.

CAPITAL IMPROVEMENT EXPENDITURE:

Table with 9 columns: Budget Object Name, Prior Years, FY 2016-17, FY 2017-18, FY 2018-19, FY 2019-20, FY 2020-21, Total Years 1-5, Total Amount. Rows include Buildings and Structures and Total Expenditures.

**COUNTY OF VOLUSIA**

**Facilities - Thomas C. Kelly Administration Building**

Department: Business Services

Location: 123 West Indiana Avenue, DeLand

CIP Category: General Government

Account Number: 001-870-4200

**Description/Justification for Capital and Operating**

Replace existing life safety generator for the administration building  
Fiscal Year 2017-18: \$80,000

Total rebuild of the electrical and plumbing systems of the fountain at the administration building  
Fiscal Year 2017-18: \$75,000

Replace existing modular furniture on the first, second, third, and fourth floors of the administration building  
Fiscal Year 2016-17: \$700,000  
Fiscal Year 2017-18: \$350,000  
Fiscal Year 2018-19: \$350,000

Installing new window panes and resealing the windows on the first and second floor of the administration building  
Fiscal Year 2016-17: \$250,000  
Fiscal Year 2017-18: \$250,000

Replace the current condenser water piping for the chillers at the administration building  
Fiscal Year 2016-17: \$50,000

Install a demand control ventilation (DCV) system for the administration building. A DCV system adjusts the outside ventilation air based on the number of building occupants and the ventilation demands  
Fiscal Year 2016-17: \$62,500

Upgrade the elevator controller and electrical components at the administration building  
Fiscal Year 2016-17: \$250,000

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
General Fund	0	1,312,500	755,000	350,000	0	0	2,417,500	2,417,500
<b>Total Revenues:</b>	<b>0</b>	<b>1,312,500</b>	<b>755,000</b>	<b>350,000</b>	<b>0</b>	<b>0</b>	<b>2,417,500</b>	<b>2,417,500</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Buildings and Structures	0	1,312,500	755,000	350,000	0	0	2,417,500	2,417,500
<b>Total Expenditures:</b>	<b>0</b>	<b>1,312,500</b>	<b>755,000</b>	<b>350,000</b>	<b>0</b>	<b>0</b>	<b>2,417,500</b>	<b>2,417,500</b>

**COUNTY OF VOLUSIA**

**Fleet - DeLand Transfer Station Fuel Site Road and Canopy Replacement**

Department: Business Services

Location: 261 DeLand Crossing Blvd., DeLand

CIP Category: General Government

Account Number: 513-870-2000

**Description/Justification for Capital and Operating**

Fiscal Year 2016-17

Pave the existing gravel road at the DeLand Transfer Station fuel site.

Fiscal Year 2017-18

Replace the existing canopy at the DeLand Transfer Station fuel site.

**Project Reference**

None

**REVENUE SOURCE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Equipment Maintenance Fund	0	58,392	41,800	0	0	0	100,192	100,192
<b>Total Revenues:</b>	<b>0</b>	<b>58,392</b>	<b>41,800</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,192</b>	<b>100,192</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Improvements Other Than Buildings	0	58,392	41,800	0	0	0	100,192	100,192
<b>Total Expenditures:</b>	<b>0</b>	<b>58,392</b>	<b>41,800</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,192</b>	<b>100,192</b>

**COUNTY OF VOLUSIA**

**Fleet - Osteen Fuel Site Canopy Replacement**

Department: Business Services

Location: 200 North Highway 415, Osteen

CIP Category: General Government

Account Number: 513-870-2000

**Description/Justification for Capital and Operating**

Replace the existing canopy at the Osteen fuel site location.

**Project Reference**

None

**REVENUE SOURCE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Equipment Maintenance Fund	0	0	69,300	0	0	0	69,300	69,300
<b>Total Revenues:</b>	<b>0</b>	<b>0</b>	<b>69,300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>69,300</b>	<b>69,300</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Improvements Other Than Buildings	0	0	69,300	0	0	0	69,300	69,300
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>69,300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>69,300</b>	<b>69,300</b>

**COUNTY OF VOLUSIA**  
**Security - Improvements and Upgrades**

Department: Business Services

Location: Various County Facilities

CIP Category: General Government

Account Number: 001-870-4100

**Description/Justification for Capital and Operating**

Daytona Beach Administration Building (250 North Beach Street, Daytona Beach): Rekey  
 Fiscal Year 2017-18: \$100,000  
 Rekey all the doors at the administration building.

Volusia County Courthouse (101 North Alabama Avenue, DeLand): High Resolution Video Camera System  
 Fiscal Year 2016-17: \$50,000  
 Upgrade the video system to high resolution video cameras.

Thomas C. Kelly Administration Building (123 West Indiana Avenue, DeLand): Camera Upgrade  
 Fiscal Year 2016-17: \$75,000  
 Update the existing camera network at the administration building.

**Project Reference**

None

**REVENUE SOURCE:**

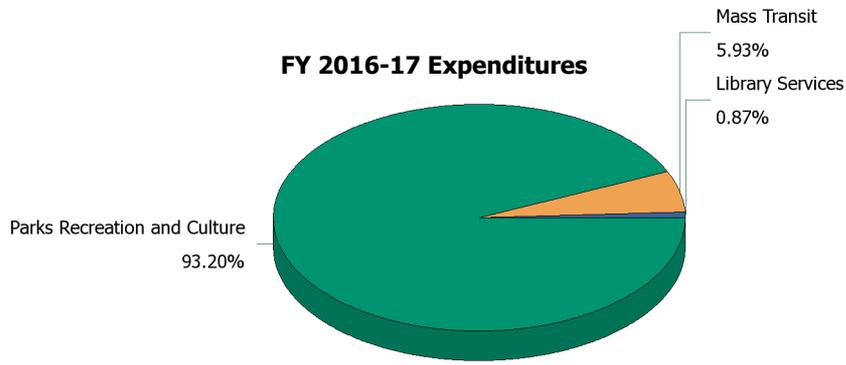
Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
General Fund	0	125,000	100,000	0	0	0	225,000	225,000
<b>Total Revenues:</b>	<b>0</b>	<b>125,000</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>225,000</b>	<b>225,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

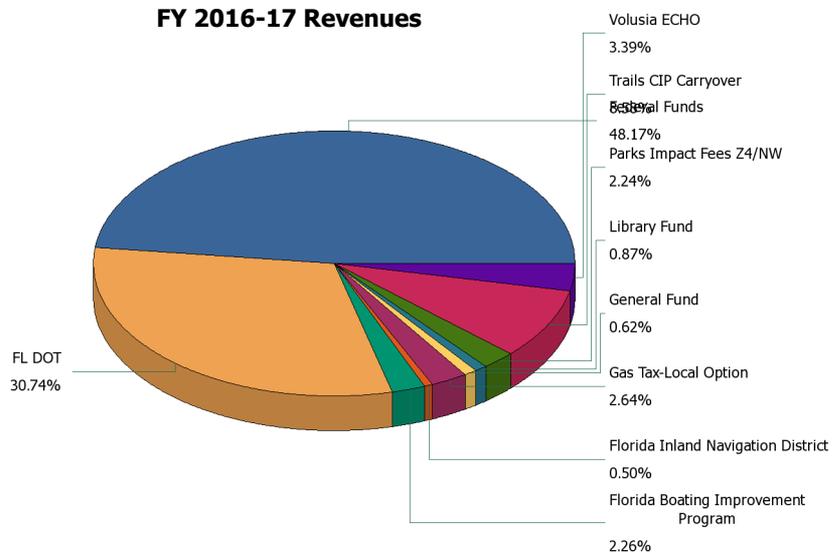
Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Buildings and Structures	0	125,000	100,000	0	0	0	225,000	225,000
<b>Total Expenditures:</b>	<b>0</b>	<b>125,000</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>225,000</b>	<b>225,000</b>

# COUNTY OF VOLUSIA

## Community Services



Division	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Library Services	0	205,000	385,000	215,000	295,000	345,000	1,445,000
Mass Transit	3,084,818	1,400,000	1,400,000	1,300,000	1,500,000	1,500,000	10,184,818
Parks Recreation and Culture	1,833,465	22,005,357	993,000	296,000	324,200	1,140,000	26,592,022
<b>Total Expenditures</b>	<b>4,918,283</b>	<b>23,610,357</b>	<b>2,778,000</b>	<b>1,811,000</b>	<b>2,119,200</b>	<b>2,985,000</b>	<b>38,221,840</b>



Revenue Source	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Federal Funds	3,084,818	11,373,170	1,400,000	1,300,000	1,500,000	1,500,000	20,157,988
FL DOT	0	7,257,584	0	0	0	0	7,257,584
Florida Boating Improvement Progra	133,815	533,046	520,000	35,000	10,000	0	1,231,861
Florida Inland Navigation District	82,500	117,889	0	0	0	0	200,389
Gas Tax-Local Option	0	623,000	0	0	0	0	623,000
General Fund	1,617,150	146,000	293,000	261,000	314,200	1,140,000	3,771,350
Library Fund	0	205,000	385,000	215,000	295,000	345,000	1,445,000
Parks Impact Fees Z1/NE	0	0	180,000	0	0	0	180,000
Parks Impact Fees Z4/NW	0	529,750	0	0	0	0	529,750
Trails CIP Carryover	0	2,024,918	0	0	0	0	2,024,918
Volusia ECHO	0	800,000	0	0	0	0	800,000
<b>Total Revenues</b>	<b>4,918,283</b>	<b>23,610,357</b>	<b>2,778,000</b>	<b>1,811,000</b>	<b>2,119,200</b>	<b>2,985,000</b>	<b>38,221,840</b>

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COUNTY OF VOLUSIA

Community Services - Library Services

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Project Title</b>	<b>Prior Years</b>	<b>FY 2016-17 Year 1</b>	<b>FY 2017-18 Year 2</b>	<b>FY 2018-19 Year 3</b>	<b>FY 2019-20 Year 4</b>	<b>FY 2020-21 Year 5</b>	<b>Total Amount</b>
Library Flooring Projects	0	40,000	60,000	170,000	0	200,000	470,000
Library Paving Parking Lot	0	0	30,000	0	0	0	30,000
Library Renovation Projects	0	165,000	295,000	45,000	145,000	145,000	795,000
Library Roof Projects	0	0	0	0	150,000	0	150,000
<b>TOTAL EXPENDITURES</b>	<b>0</b>	<b>205,000</b>	<b>385,000</b>	<b>215,000</b>	<b>295,000</b>	<b>345,000</b>	<b>1,445,000</b>

**REVENUE SOURCE:**

<b>Project Title</b>	<b>Prior Years</b>	<b>FY 2016-17 Year 1</b>	<b>FY 2017-18 Year 2</b>	<b>FY 2018-19 Year 3</b>	<b>FY 2019-20 Year 4</b>	<b>FY 2020-21 Year 5</b>	<b>Total Amount</b>
Library Fund	0	205,000	385,000	215,000	295,000	345,000	1,445,000
<b>TOTAL REVENUES</b>	<b>0</b>	<b>205,000</b>	<b>385,000</b>	<b>215,000</b>	<b>295,000</b>	<b>345,000</b>	<b>1,445,000</b>

**COUNTY OF VOLUSIA**

**Library Flooring Projects**

Department: Community Services

Location:

CIP Category: Library Services

Account Number: 104-640-1500

**Description/Justification for Capital and Operating**

Replacement for countywide library flooring:  
 Fiscal year 2016-17 Daytona Beach Regional Library Children's area  
 Fiscal year 2017-18 Edgewater and Lake Helen libraries  
 Fiscal year 2018-19 plan is for the Ormond Beach Regional Library  
 Fiscal year 2020-21 plan is for the Deltona Regional Library

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Library Fund	0	40,000	60,000	170,000	0	200,000	470,000	470,000
<b>Total Revenues:</b>	<b>0</b>	<b>40,000</b>	<b>60,000</b>	<b>170,000</b>	<b>0</b>	<b>200,000</b>	<b>470,000</b>	<b>470,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Buildings and Structures	0	40,000	60,000	170,000	0	200,000	470,000	470,000
<b>Total Expenditures:</b>	<b>0</b>	<b>40,000</b>	<b>60,000</b>	<b>170,000</b>	<b>0</b>	<b>200,000</b>	<b>470,000</b>	<b>470,000</b>

**COUNTY OF VOLUSIA**  
**Library Paving Parking Lot**

Department: Community Services

Location:

CIP Category: Library Services

Account Number: 104-640-1500

**Description/Justification for Capital and Operating**

This project is to repair and pave the parking lot at the Lake Helen Library.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Library Fund	0	0	30,000	0	0	0	30,000	30,000
<b>Total Revenues:</b>	<b>0</b>	<b>0</b>	<b>30,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>30,000</b>	<b>30,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Buildings and Structures	0	0	30,000	0	0	0	30,000	30,000
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>30,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>30,000</b>	<b>30,000</b>

**COUNTY OF VOLUSIA**  
**Library Renovation Projects**

Department: Community Services

Location:

CIP Category: Library Services

Account Number: 104-640-1500

**Description/Justification for Capital and Operating**

Repair and replacement for countywide library renovations. Each fiscal year Library Services evaluates the library branches and the Library Support Center buildings to prioritize projects for HVAC and other types of renovations. This also includes any cost for design that might be incurred.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Library Fund	0	165,000	295,000	45,000	145,000	145,000	795,000	795,000
<b>Total Revenues:</b>	<b>0</b>	<b>165,000</b>	<b>295,000</b>	<b>45,000</b>	<b>145,000</b>	<b>145,000</b>	<b>795,000</b>	<b>795,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Buildings and Structures	0	165,000	295,000	45,000	145,000	145,000	795,000	795,000
<b>Total Expenditures:</b>	<b>0</b>	<b>165,000</b>	<b>295,000</b>	<b>45,000</b>	<b>145,000</b>	<b>145,000</b>	<b>795,000</b>	<b>795,000</b>

**COUNTY OF VOLUSIA**  
**Library Roof Projects**

Department: Community Services

Location:

CIP Category: Library Services

Account Number: 104-640-1500

**Description/Justification for Capital and Operating**

Edgewater Library roof repair and replacement.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Library Fund	0	0	0	0	150,000	0	150,000	150,000
<b>Total Revenues:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>150,000</b>	<b>0</b>	<b>150,000</b>	<b>150,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Buildings and Structures	0	0	0	0	150,000	0	150,000	150,000
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>150,000</b>	<b>0</b>	<b>150,000</b>	<b>150,000</b>

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COUNTY OF VOLUSIA

Community Services - Mass Transit

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Project Title</b>	<b>Prior Years</b>	<b>FY 2016-17 Year 1</b>	<b>FY 2017-18 Year 2</b>	<b>FY 2018-19 Year 3</b>	<b>FY 2019-20 Year 4</b>	<b>FY 2020-21 Year 5</b>	<b>Total Amount</b>
Passenger Amenities/Support Equipment	3,084,818	1,400,000	1,400,000	1,300,000	1,500,000	1,500,000	10,184,818
<b>TOTAL EXPENDITURES</b>	<b>3,084,818</b>	<b>1,400,000</b>	<b>1,400,000</b>	<b>1,300,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>10,184,818</b>

**REVENUE SOURCE:**

<b>Project Title</b>	<b>Prior Years</b>	<b>FY 2016-17 Year 1</b>	<b>FY 2017-18 Year 2</b>	<b>FY 2018-19 Year 3</b>	<b>FY 2019-20 Year 4</b>	<b>FY 2020-21 Year 5</b>	<b>Total Amount</b>
Federal Funds	3,084,818	1,400,000	1,400,000	1,300,000	1,500,000	1,500,000	10,184,818
<b>TOTAL REVENUES</b>	<b>3,084,818</b>	<b>1,400,000</b>	<b>1,400,000</b>	<b>1,300,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>10,184,818</b>

**COUNTY OF VOLUSIA**

**Passenger Amenities/Support Equipment**

Department: Community Services

Location: County Wide

CIP Category: Mass Transit

Account Number: 456-670-5100

**Description/Justification for Capital and Operating**

Funding for Votran's capital projects is provided by federal grant programs from the Federal Transit Administration (FTA). Local match for these grants is covered by State Toll Revenue Credits, therefore no local cash match is required. Projects funded by FTA for Passenger Amenities include passenger shelters, bus stops and related items to provide customers with a safe and comfortable environment while using the Votran system. Projects can be new, improvements or rehabilitative in nature as necessary to maintain assets in a state of good repair. Projects funded by FTA grants include; vehicle purchases, fare collection equipment, communication equipment, technology equipment, passenger shelters and amenities, facilities and renovations, and related maintenance of all the assets. The FTA funding is limited each year and projects are programmed according to priorities, needs and public input.

**Project Reference**

Projects are related to the operations of Votran fixed route and paratransit services.

**REVENUE SOURCE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Federal Funds	3,084,818	1,400,000	1,400,000	1,300,000	1,500,000	1,500,000	7,100,000	10,184,818
<b>Total Revenues:</b>	<b>3,084,818</b>	<b>1,400,000</b>	<b>1,400,000</b>	<b>1,300,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>7,100,000</b>	<b>10,184,818</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Buildings and Structures	1,521,328	450,000	450,000	350,000	550,000	550,000	2,350,000	3,871,328
Other Equipment	1,563,490	950,000	950,000	950,000	950,000	950,000	4,750,000	6,313,490
<b>Total Expenditures:</b>	<b>3,084,818</b>	<b>1,400,000</b>	<b>1,400,000</b>	<b>1,300,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>7,100,000</b>	<b>10,184,818</b>

**COUNTY OF VOLUSIA**

**Community Services - Parks Recreation and Culture**

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Project Title</b>	<b>Prior Years</b>	<b>FY 2016-17 Year 1</b>	<b>FY 2017-18 Year 2</b>	<b>FY 2018-19 Year 3</b>	<b>FY 2019-20 Year 4</b>	<b>FY 2020-21 Year 5</b>	<b>Total Amount</b>
Boating Improvements	0	0	300,000	35,000	10,000	0	345,000
ECRRT Segment 4B	0	7,257,584	0	0	0	0	7,257,584
ECRRT Segment 5	0	10,455,088	0	0	0	0	10,455,088
Highbridge Park Improvements	52,500	0	400,000	0	0	0	452,500
Interpretative Panels, Maps, Repair Kiosk	5,362	35,000	0	0	0	0	40,362
Lemon Bluff Park	28,815	921,185	0	0	0	0	950,000
Parks Repair & Renovation	1,611,788	111,000	293,000	261,000	314,200	1,140,000	3,730,988
Shell Harbor	135,000	1,059,500	0	0	0	0	1,194,500
Spring-to-Spring Trail Segment 7B	0	2,166,000	0	0	0	0	2,166,000
<b>TOTAL EXPENDITURES</b>	<b>1,833,465</b>	<b>22,005,357</b>	<b>993,000</b>	<b>296,000</b>	<b>324,200</b>	<b>1,140,000</b>	<b>26,592,022</b>

**REVENUE SOURCE:**

<b>Project Title</b>	<b>Prior Years</b>	<b>FY 2016-17 Year 1</b>	<b>FY 2017-18 Year 2</b>	<b>FY 2018-19 Year 3</b>	<b>FY 2019-20 Year 4</b>	<b>FY 2020-21 Year 5</b>	<b>Total Amount</b>
Federal Funds	0	9,973,170	0	0	0	0	9,973,170
FL DOT	0	7,257,584	0	0	0	0	7,257,584
Florida Boating Improvement Program	133,815	533,046	520,000	35,000	10,000	0	1,231,861
Florida Inland Navigation District	82,500	117,889	0	0	0	0	200,389
Gas Tax-Local Option	0	623,000	0	0	0	0	623,000
General Fund	1,617,150	146,000	293,000	261,000	314,200	1,140,000	3,771,350
Parks Impact Fees Z1/NE	0	0	180,000	0	0	0	180,000
Parks Impact Fees Z4/NW	0	529,750	0	0	0	0	529,750
Trails CIP Carryover	0	2,024,918	0	0	0	0	2,024,918
Volusia ECHO	0	800,000	0	0	0	0	800,000
<b>TOTAL REVENUES</b>	<b>1,833,465</b>	<b>22,005,357</b>	<b>993,000</b>	<b>296,000</b>	<b>324,200</b>	<b>1,140,000</b>	<b>26,592,022</b>

**COUNTY OF VOLUSIA**

**Boating Improvements**

Department: Community Services

Location: Countywide

CIP Category: Parks Recreation and Culture

Account Number: 326-930-6611

**Description/Justification for Capital and Operating**

The Florida Boating Improvement Program is authorized under Sections 328.66 and 328.72, Florida Statutes, Volusia County retains the optional county registration fee of 50% of the applicable state vessel registration fee per Section 126-1 Volusia County Code. In addition, competitive grants are available through a program administered by the Florida Fish and Wildlife Conservation Commission as authorized by Section 206.606(1)(b)1, Florida Statutes.

Projects for boating-related activities are planned as follows:

Fiscal year 2017-18  
 Blue Lake boat ramp, paving and repair  
 Cypress Lake Park boat ramp repair

Fiscal year 2018-19  
 Lake Ashby boat ramp paving

Fiscal year 2019-20  
 Lake Colby Park boat ramp repair

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Florida Boating Improvement Program	0	0	300,000	35,000	10,000	0	345,000	345,000
<b>Total Revenues:</b>	<b>0</b>	<b>0</b>	<b>300,000</b>	<b>35,000</b>	<b>10,000</b>	<b>0</b>	<b>345,000</b>	<b>345,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Other	0	0	300,000	35,000	10,000	0	345,000	345,000
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>300,000</b>	<b>35,000</b>	<b>10,000</b>	<b>0</b>	<b>345,000</b>	<b>345,000</b>

**COUNTY OF VOLUSIA**

**ECRRT Segment 4B**

Department: Community Services

Location: Osteen - Gobblers Lodge Road to Maytown Spur Road

CIP Category: Parks Recreation and Culture

Account Number: 328-930-1080

**Description/Justification for Capital and Operating**

The East Central Regional Rail Trail (ECRRT) will be a 50 mile long trail when completed stretching from Green Springs in Deltona to Dale St. in Edgewater. Segment 4B runs from Gobbler's Lodge Road to Maytown Spur Road in Osteen.

**Project Reference**

Capital Project Schedule: PW-ENG-5689-2

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
FL DOT	0	7,257,584	0	0	0	0	7,257,584	7,257,584
<b>Total Revenues:</b>	<b>0</b>	<b>7,257,584</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,257,584</b>	<b>7,257,584</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Projects	0	7,257,584	0	0	0	0	7,257,584	7,257,584
<b>Total Expenditures:</b>	<b>0</b>	<b>7,257,584</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,257,584</b>	<b>7,257,584</b>

**COUNTY OF VOLUSIA**

**ECRRT Segment 5**

Department: Community Services

Location: Brevard County Line to Cow Creek

CIP Category: Parks Recreation and Culture

Account Number: 740-710-1079

**Description/Justification for Capital and Operating**

The East Central Regional Rail Trail (ECRRT) will be a 50 mile long trail when completed stretching from Green Springs in Deltona to Dale St. in Edgewater. Segment 5 runs from the Bevard County Line to Cow Creek in Edgewater.

**Project Reference**

Capital Project Schedule: PW-ENG-5688

**REVENUE SOURCE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Federal Funds	0	9,973,170	0	0	0	0	9,973,170	9,973,170
Trails CIP Carryover	0	481,918	0	0	0	0	481,918	481,918
<b>Total Revenues:</b>	<b>0</b>	<b>10,455,088</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,455,088</b>	<b>10,455,088</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Construction Projects	0	10,455,088	0	0	0	0	10,455,088	10,455,088
<b>Total Expenditures:</b>	<b>0</b>	<b>10,455,088</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,455,088</b>	<b>10,455,088</b>

**COUNTY OF VOLUSIA**  
**Highbridge Park Improvements**

Department: Community Services

Location: Ormond Beach

CIP Category: Parks Recreation and Culture

Account Number: 754-680-9011

**Description/Justification for Capital and Operating**

Improvements to the one-acre park that provides access to the Halifax River in extreme northeastern Volusia County. Planned improvements include ADA accessible restrooms, paving entrance and parking areas, addition of a canoe/kayak launch and improvements to the water system. The project design was partially funded with a grant of \$15,000 from the Florida Inland Navigation District (FIND) with the balance of \$37,500 from Florida Boating Improvement Program (FBIP) revenues. The remainder of the project costs, excluding the ADA restrooms, are funded with FBIP revenues at \$220,000. The ADA restrooms will be constructed using Park Impact Fees Zone 1, Northeast.

**Project Reference**

On November 21, 2013, Council approved a Florida Inland Navigation District (FIND) Waterways Assistance Program grant for \$15,000

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Florida Boating Improvement Program	37,500	0	220,000	0	0	0	220,000	257,500
Florida Inland Navigation District	15,000	0	0	0	0	0	0	15,000
Parks Impact Fees Z1/NE	0	0	180,000	0	0	0	180,000	180,000
<b>Total Revenues:</b>	<b>52,500</b>	<b>0</b>	<b>400,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>400,000</b>	<b>452,500</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Buildings and Structures	0	0	180,000	0	0	0	180,000	180,000
Design	52,500	0	0	0	0	0	0	52,500
Improvements Other Than Buildings	0	0	220,000	0	0	0	220,000	220,000
<b>Total Expenditures:</b>	<b>52,500</b>	<b>0</b>	<b>400,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>400,000</b>	<b>452,500</b>

COUNTY OF VOLUSIA

Interpretative Panels, Maps, Repair Kiosk

Department: Community Services

Location: Various

CIP Category: Parks Recreation and Culture

Account Number: 001-680-1000

Description/Justification for Capital and Operating

Parks, Recreation & Culture will be adding additional interpretative panels, maps and doing repairs to existing panels at various parks throughout Volusia County and Debarry Hall. The interpretative panels are used to provide descriptions of park history, amenities and important information for patrons to read while visiting our park sites and trails. The interpretative panels and maps give an opportunity to tell a story of the park sites beginnings and amenities in the park of significance. Interpretative panel maps are also used for patrons to see the entire park trail system and individual trails to determine where they are and where they wish to go while visiting the park site. Any existing panels and maps that are in need of repair or replacement will be evaluated.

Project Reference

None

REVENUE SOURCE:

Table with 9 columns: Budget Object Name, Prior Years, FY 2016-17, FY 2017-18, FY 2018-19, FY 2019-20, FY 2020-21, Total Years 1-5, Total Amount. Rows include General Fund and Total Revenues.

CAPITAL IMPROVEMENT EXPENDITURE:

Table with 9 columns: Budget Object Name, Prior Years, FY 2016-17, FY 2017-18, FY 2018-19, FY 2019-20, FY 2020-21, Total Years 1-5, Total Amount. Rows include Improvements Other Than Buildings and Total Expenditures.

**COUNTY OF VOLUSIA**

**Lemon Bluff Park**

Department: Community Services

Location: 907 Lemon Bluff Road, Osteen

CIP Category: Parks Recreation and Culture

Account Number: 326-930-6648

**Description/Justification for Capital and Operating**

Lemon Bluff Park provides access to the St. Johns River in southwest Volusia. This project is a proposed expansion of the current boat ramp and parking area as well as adding improvements to expand the recreational opportunities at the park. The expansion will allow for more paved parking spaces, restrooms, two pavilions, and an improved seawall with docking opportunities and a canoe/kayak launch. The need for this project is extremely high, as the boat ramp is used frequently and currently has limited parking and no docking opportunities. The addition of the restroom is also an important feature as the nearest public restroom facility is nearly five miles away.

**Project Reference**

Capital Project Schedule: CS-PRC-1  
ECHO Grant Award 16-07

**REVENUE SOURCE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Florida Boating Improvement Program	28,815	521,185	0	0	0	0	521,185	550,000
Volusia ECHO	0	400,000	0	0	0	0	400,000	400,000
<b>Total Revenues:</b>	<b>28,815</b>	<b>921,185</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>921,185</b>	<b>950,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Construction Projects	0	800,000	0	0	0	0	800,000	800,000
Design	28,815	121,185	0	0	0	0	121,185	150,000
<b>Total Expenditures:</b>	<b>28,815</b>	<b>921,185</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>921,185</b>	<b>950,000</b>

**COUNTY OF VOLUSIA**  
**Parks Repair & Renovation**

Department: Community Services

Location: Various

CIP Category: Parks Recreation and Culture

Account Number: 001-680-1020

**Description/Justification for Capital and Operating**

Fiscal Year 2016-17:

Bicentennial Park Tennis Courts - renovate surface and replace fencing for 4 courts - \$81,000; Lake Monroe Park - electric service for 10 camp sites - \$30,000.

Fiscal Year 2017-18:

Mariner's Cove Park - pave roadway and parking area - \$200,000; Ormond Tomb Park - replace safety surface - \$58,000; Roberta Drive Fishing Dock - replace decking, railings and sub structure - \$10,000; Gemini Springs Park - remove chimney and tile floor in the Spring House - \$25,000.

Fiscal Year 2018-19:

Green Springs Park - replace safety surface - \$45,000; Lake Monroe Park - replace playground and safety surface - \$108,000; Riverbreeze Park - replace safety surface - \$70,000; Lake Ashby Park - install multiple hot-water showers - \$38,000.

Fiscal Year 2019-20:

Gemini Springs Park - pave exit road - \$64,200; Highbridge Boat Launch - replace decking and posts - \$150,000; Lake Ashby Park - replace safety surface and swings - \$65,000; Seville Park - resurface basketball court - \$35,000.

Fiscal Year 2020-21:

Briggs Drive Fishing Dock - replace decking and posts - \$10,000; Highbanks Park - replace boat launch and floating dock - \$90,000; Seabridge Fishing Dock - replace decking and posts - \$125,000; Seville Park - replace playground and safety surface - \$115,000; Airport Maintenance Barn - replace existing facility - \$800,000.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
General Fund	1,611,788	111,000	293,000	261,000	314,200	1,140,000	2,119,200	3,730,988
<b>Total Revenues:</b>	<b>1,611,788</b>	<b>111,000</b>	<b>293,000</b>	<b>261,000</b>	<b>314,200</b>	<b>1,140,000</b>	<b>2,119,200</b>	<b>3,730,988</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Buildings and Structures	146,720	0	25,000	38,000	0	800,000	863,000	1,009,720
Improvements Other Than Buildings	1,465,068	111,000	268,000	223,000	314,200	340,000	1,256,200	2,721,268
<b>Total Expenditures:</b>	<b>1,611,788</b>	<b>111,000</b>	<b>293,000</b>	<b>261,000</b>	<b>314,200</b>	<b>1,140,000</b>	<b>2,119,200</b>	<b>3,730,988</b>

COUNTY OF VOLUSIA

Shell Harbor

Department: Community Services

Location: Lake George

CIP Category: Parks Recreation and Culture

Account Number: 326-930-6647

Description/Justification for Capital and Operating

Volusia County received the Shell Harbor property for the proposed park through a donation from two private individuals. The site has an outdated boat ramp that is difficult to access and there are no amenities. However, thanks to the donation of the land, Volusia County now has the opportunity to create a nature park that can be enjoyed by all. Once established, the park will be listed on our website and promoted to the public.

The proposed project on Shell Harbor Road is designed for Volusia County residents and visitors to have public access to the second largest lake in the State of Florida, Lake George. Volusia County plans to create an ascetically pleasing and useful park for all to enjoy. The project features an improved boat ramp, a restroom facility, a pavilion, a kayak launch, a floating dock, and an asphalt parking lot and roadway. This park will provide an area where families can go to enjoy nature and boater access into the popular lake. There is no boat ramp on Lake George managed by Volusia County and there are limited parks in northwest Volusia County. It is believed that this park will be heavily used by Volusia County residents, as well as visitors from other areas. The Florida Inland Navigation District (FIND) has awarded a grant of \$67,500 for design of the park, the County will provide matching funds of \$67,500 from Florida Boating Improvement Program revenues. Funding for construction will be from a Volusia ECHO grant, Florida Boating Improvement revenues, and Park Impact Fees Zone 4, Northwest.

Project Reference

Florida Inland Navigation District grant, approved by Council on March 19, 2015, grant contract VO-15-11, grant award \$67,500, local match by Florida Boating Improvement revenues \$67,500, grant budget account 754-930-6647.

Capital Project Schedule: CS-PRC-2

ECHO Grant Award: 16-08

REVENUE SOURCE:

Table with 9 columns: Budget Object Name, Prior Years, FY 2016-17, FY 2017-18, FY 2018-19, FY 2019-20, FY 2020-21, Total Years 1-5, Total Amount. Rows include Florida Boating Improvement Program, Florida Inland Navigation District, Parks Impact Fees Z4/NW, Volusia ECHO, and Total Revenues.

CAPITAL IMPROVEMENT EXPENDITURE:

Table with 9 columns: Budget Object Name, Prior Years, FY 2016-17, FY 2017-18, FY 2018-19, FY 2019-20, FY 2020-21, Total Years 1-5, Total Amount. Rows include Construction Projects, Design, and Total Expenditures.

**COUNTY OF VOLUSIA**  
**Spring-to-Spring Trail Segment 7B**

Department: Community Services

Location: Grand Ave. - Lemon St. to King St.

CIP Category: Parks Recreation and Culture

Account Number: 328-930-6662

**Description/Justification for Capital and Operating**

When completed, the Spring-to-Spring trail will cover 26 miles from Deleon Springs State Park to Green Springs in Deltona. Segment 7B runs between Lemon St. and King St. on Grand Avenue. This segment will feature two 5 foot wide bike lanes and two 5 foot wide sidewalks. As a part of this project, the roadway will be resurfaced as well and paid for by local gas taxes.

**Project Reference**

Capital Project Schedule: PW-ENG-5541-2

**REVENUE SOURCE:**

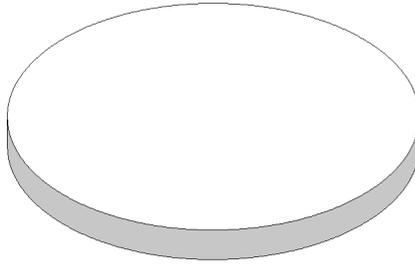
Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Gas Tax-Local Option	0	623,000	0	0	0	0	623,000	623,000
Trails CIP Carryover	0	1,543,000	0	0	0	0	1,543,000	1,543,000
<b>Total Revenues:</b>	<b>0</b>	<b>2,166,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,166,000</b>	<b>2,166,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Projects	0	2,166,000	0	0	0	0	2,166,000	2,166,000
<b>Total Expenditures:</b>	<b>0</b>	<b>2,166,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,166,000</b>	<b>2,166,000</b>

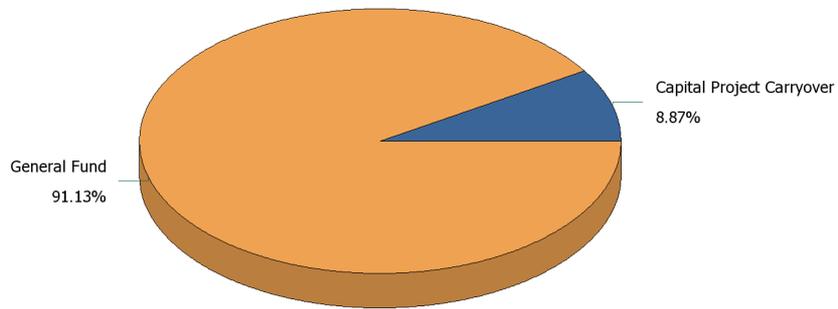
# COUNTY OF VOLUSIA Elections

## FY 2016-17 Expenditures



Division	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
General Government	0	0	0	5,900,000	0	0	5,900,000
<b>Total Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,900,000</b>	<b>0</b>	<b>0</b>	<b>5,900,000</b>

## FY 2016-17 Revenues



Revenue Source	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Capital Project Carryover	0	126,565	0	0	0	0	126,565
General Fund	2,800,000	1,300,000	0	1,673,435	0	0	5,773,435
<b>Total Revenues</b>	<b>2,800,000</b>	<b>1,426,565</b>	<b>0</b>	<b>1,673,435</b>	<b>0</b>	<b>0</b>	<b>5,900,000</b>

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**COUNTY OF VOLUSIA**

**Elections - General Government**

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Project Title</b>	<b>Prior Years</b>	<b>FY 2016-17 Year 1</b>	<b>FY 2017-18 Year 2</b>	<b>FY 2018-19 Year 3</b>	<b>FY 2019-20 Year 4</b>	<b>FY 2020-21 Year 5</b>	<b>Total Amount</b>
Elections Warehouse	0	0	0	5,900,000	0	0	5,900,000
<b>TOTAL EXPENDITURES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,900,000</b>	<b>0</b>	<b>0</b>	<b>5,900,000</b>

**REVENUE SOURCE:**

<b>Project Title</b>	<b>Prior Years</b>	<b>FY 2016-17 Year 1</b>	<b>FY 2017-18 Year 2</b>	<b>FY 2018-19 Year 3</b>	<b>FY 2019-20 Year 4</b>	<b>FY 2020-21 Year 5</b>	<b>Total Amount</b>
Capital Project Carryover	0	126,565	0	0	0	0	126,565
General Fund	2,800,000	1,300,000	0	1,673,435	0	0	5,773,435
<b>TOTAL REVENUES</b>	<b>2,800,000</b>	<b>1,426,565</b>	<b>0</b>	<b>1,673,435</b>	<b>0</b>	<b>0</b>	<b>5,900,000</b>

**COUNTY OF VOLUSIA**

**Elections Warehouse**

Department: Elections

Location: TBD

CIP Category: General Government

Account Number: 367-930-4180

**Description/Justification for Capital and Operating**

This capital project is for the replacement of the existing 9,000 square foot Elections Warehouse, currently located on SR44 near the St. Johns River. A new, more central location will improve logistics during elections and move the storage out of the flood plain. A new warehouse is needed to provide secure storage areas, expanded staging areas with appropriate loading docks, and to incorporate integrated building security, automation, and climate control to protect election equipment and record storage. This project is part of the core services infrastructure plan presented to Council on May 21, 2015.

**Project Reference**

Capital Projects Schedule: BS-CES-2

**REVENUE SOURCE:**

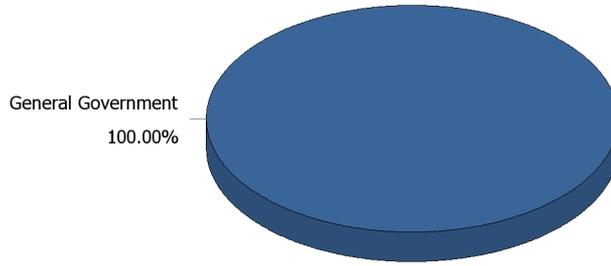
<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Capital Project Carryover	0	126,565	0	0	0	0	126,565	126,565
General Fund	2,800,000	1,300,000	0	1,673,435	0	0	2,973,435	5,773,435
<b>Total Revenues:</b>	<b>2,800,000</b>	<b>1,426,565</b>	<b>0</b>	<b>1,673,435</b>	<b>0</b>	<b>0</b>	<b>3,100,000</b>	<b>5,900,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Buildings and Structures	0	0	0	5,900,000	0	0	5,900,000	5,900,000
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,900,000</b>	<b>0</b>	<b>0</b>	<b>5,900,000</b>	<b>5,900,000</b>

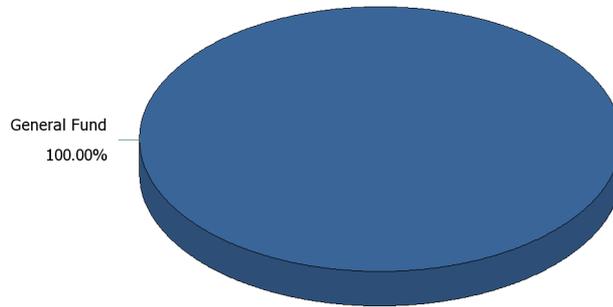
**COUNTY OF VOLUSIA**  
**Growth and Resource Management**

**FY 2016-17 Expenditures**



Division	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
General Government	0	550,029	0	0	0	0	550,029
<b>Total Expenditures</b>	<b>0</b>	<b>550,029</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>550,029</b>

**FY 2016-17 Revenues**



Revenue Source	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
General Fund	0	550,029	0	0	0	0	550,029
<b>Total Revenues</b>	<b>0</b>	<b>550,029</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>550,029</b>

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COUNTY OF VOLUSIA

Growth and Resource Management - General Government

**CAPITAL IMPROVEMENT EXPENDITURE:**

Project Title	Prior Years	FY 2016-17 Year 1	FY 2017-18 Year 2	FY 2018-19 Year 3	FY 2019-20 Year 4	FY 2020-21 Year 5	Total Amount
Marine Science Center	0	450,029	0	0	0	0	450,029
Marine Science Center Parking Lot Renovations	0	100,000	0	0	0	0	100,000
<b>TOTAL EXPENDITURES</b>	<b>0</b>	<b>550,029</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>550,029</b>

**REVENUE SOURCE:**

Project Title	Prior Years	FY 2016-17 Year 1	FY 2017-18 Year 2	FY 2018-19 Year 3	FY 2019-20 Year 4	FY 2020-21 Year 5	Total Amount
General Fund	0	550,029	0	0	0	0	550,029
<b>TOTAL REVENUES</b>	<b>0</b>	<b>550,029</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>550,029</b>

COUNTY OF VOLUSIA

Marine Science Center

Department: Growth and Resource Management

Location: 100 Lighthouse Dr Ponce Inlet

CIP Category: General Government

Account Number: 001-210-2730

Description/Justification for Capital and Operating

Since opening in June 2002, the Marine Science Center has hosted more than 900,000 visitors and cared for over 18,000 sea turtles and more than 14,000 birds. The great success that the Marine Science Center has enjoyed creates new and different challenges including staffing, parking, space issues, utilities, and the ability to care for the increase of turtles and birds coming to the hospitals.

Marine Science Center will include new classroom space, lecture/public meeting space, visitor orientation and exhibition space, expanded gift shop, and improved medical facilities. The expansion of the exhibit areas to include a sea turtle and shark exhibit, will continue to increase visitation, which is currently 106,000 visitors a year.

Grant opportunities will be sought for funding of this project. There will be local match required for grant applications, which could come from a capital campaign for public donations as well as from general fund.

Project Reference

None

REVENUE SOURCE:

Table with 9 columns: Budget Object Name, Prior Years, FY 2016-17, FY 2017-18, FY 2018-19, FY 2019-20, FY 2020-21, Total Years 1-5, Total Amount. Rows include General Fund and Total Revenues.

CAPITAL IMPROVEMENT EXPENDITURE:

Table with 9 columns: Budget Object Name, Prior Years, FY 2016-17, FY 2017-18, FY 2018-19, FY 2019-20, FY 2020-21, Total Years 1-5, Total Amount. Rows include Design, Engineering, and Total Expenditures.

COUNTY OF VOLUSIA

Marine Science Center Parking Lot Renovations

Department: Growth and Resource Management

Location: 100 Lighthouse Dr Ponce Inlet

CIP Category: General Government

Account Number: 001-210-2730

Description/Justification for Capital and Operating

A high visitation day can exceed 1,000 visitors, with only 15 designated paved parking spaces, 2 ADA accessible spaces, and 15 unpaved parking spaces across Lighthouse Drive, additional parking is needed. This project would add approximately 45 additional unpaved parking spaces on the north side of Lighthouse Drive.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
General Fund	0	100,000	0	0	0	0	100,000	100,000
<b>Total Revenues:</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	100,000	0	0	0	0	100,000	100,000
<b>Total Expenditures:</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>

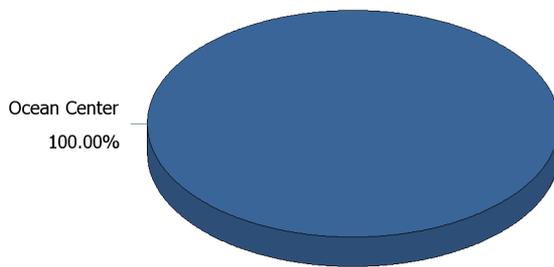
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# COUNTY OF VOLUSIA

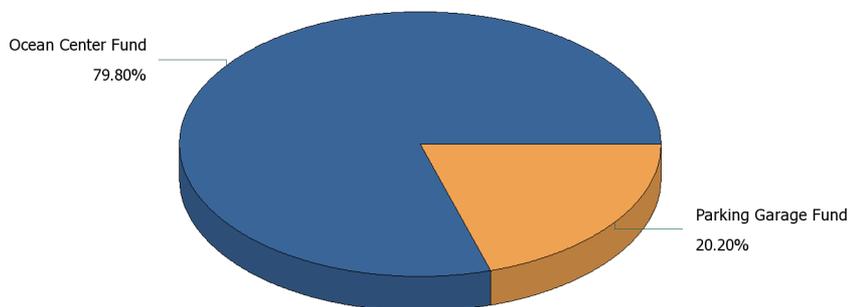
## Ocean Center

### FY 2016-17 Expenditures



Division	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Ocean Center	2,747,473	3,648,217	1,050,000	790,000	215,000	725,000	9,175,690
<b>Total Expenditures</b>	<b>2,747,473</b>	<b>3,648,217</b>	<b>1,050,000</b>	<b>790,000</b>	<b>215,000</b>	<b>725,000</b>	<b>9,175,690</b>

### FY 2016-17 Revenues



Revenue Source	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Ocean Center Fund	2,747,473	2,911,217	960,000	700,000	125,000	725,000	8,168,690
Parking Garage Fund	0	737,000	90,000	90,000	90,000	0	1,007,000
<b>Total Revenues</b>	<b>2,747,473</b>	<b>3,648,217</b>	<b>1,050,000</b>	<b>790,000</b>	<b>215,000</b>	<b>725,000</b>	<b>9,175,690</b>

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**COUNTY OF VOLUSIA**

**Ocean Center - Ocean Center**

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Project Title</b>	<b>Prior Years</b>	<b>FY 2016-17 Year 1</b>	<b>FY 2017-18 Year 2</b>	<b>FY 2018-19 Year 3</b>	<b>FY 2019-20 Year 4</b>	<b>FY 2020-21 Year 5</b>	<b>Total Amount</b>
AHU - Air Handler Replacement	2,746,973	2,253,027	0	0	0	0	5,000,000
Arena Elevator Modernization	0	0	300,000	0	0	0	300,000
Arena Floor Boxes Replacement	0	200,000	0	0	0	0	200,000
Lighting Replacement	0	0	110,000	700,000	0	0	810,000
Main Marquee Replacement	500	458,190	0	0	0	0	458,690
Ocean Center Roof Replacement	0	0	550,000	0	0	0	550,000
Parking Garage Door Access Control Equipment	0	473,000	0	0	0	0	473,000
Parking Garage Generator Replacement	0	45,000	0	0	0	0	45,000
Parking Garage Metal Roof Replacement	0	83,000	0	0	0	0	83,000
Parking Garage Parking Deck Rehab	0	136,000	90,000	90,000	90,000	0	406,000
Sound System Replacement	0	0	0	0	125,000	725,000	850,000
<b>TOTAL EXPENDITURES</b>	<b>2,747,473</b>	<b>3,648,217</b>	<b>1,050,000</b>	<b>790,000</b>	<b>215,000</b>	<b>725,000</b>	<b>9,175,690</b>

**REVENUE SOURCE:**

<b>Project Title</b>	<b>Prior Years</b>	<b>FY 2016-17 Year 1</b>	<b>FY 2017-18 Year 2</b>	<b>FY 2018-19 Year 3</b>	<b>FY 2019-20 Year 4</b>	<b>FY 2020-21 Year 5</b>	<b>Total Amount</b>
Ocean Center Fund	2,747,473	2,911,217	960,000	700,000	125,000	725,000	8,168,690
Parking Garage Fund	0	737,000	90,000	90,000	90,000	0	1,007,000
<b>TOTAL REVENUES</b>	<b>2,747,473</b>	<b>3,648,217</b>	<b>1,050,000</b>	<b>790,000</b>	<b>215,000</b>	<b>725,000</b>	<b>9,175,690</b>

COUNTY OF VOLUSIA

**AHU - Air Handler Replacement**

Department: Ocean Center

Location:

CIP Category: Ocean Center

Account Number: 318-930-4307

**Description/Justification for Capital and Operating**

Replace 9 air handler units, 8 exhaust fans, and integrate their new controls into the building automation system. Project also includes some duct modifications.

**Project Reference**

OC-318-1

**REVENUE SOURCE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Ocean Center Fund	2,746,973	2,253,027	0	0	0	0	2,253,027	5,000,000
<b>Total Revenues:</b>	<b>2,746,973</b>	<b>2,253,027</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,253,027</b>	<b>5,000,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Buildings and Structures	2,746,973	2,253,027	0	0	0	0	2,253,027	5,000,000
<b>Total Expenditures:</b>	<b>2,746,973</b>	<b>2,253,027</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,253,027</b>	<b>5,000,000</b>

**COUNTY OF VOLUSIA**  
**Arena Elevator Modernization**

Department: Ocean Center

Location: Ocean Center

CIP Category: Ocean Center

Account Number: 318-930-4300

**Description/Justification for Capital and Operating**

Modernize the 2 original 30 year old elevators in the arena to bring them up to current codes and make them more reliable. The project is expected to be completed in Fiscal Year 2018.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Ocean Center Fund	0	0	300,000	0	0	0	300,000	300,000
<b>Total Revenues:</b>	<b>0</b>	<b>0</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>	<b>300,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	300,000	0	0	0	300,000	300,000
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>	<b>300,000</b>

**COUNTY OF VOLUSIA**  
**Arena Floor Boxes Replacement**

Department: Ocean Center

Location: Ocean Center

CIP Category: Ocean Center

Account Number: 318-930-4300

**Description/Justification for Capital and Operating**

The arena, ballroom, and mezzanine level meeting room sections of the Ocean Center was built in 1985. The utility floor boxes provide access to power, water, drain, and phone lines throughout the arena floor. The utility floor boxes being replaced with this project are original equipment. Existing floor boxes are 31 years old and have rusted to the point they cannot be repaired. This project will also upgrade the old phone lines located in these floor boxes to new Cat 6 technology.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Ocean Center Fund	0	200,000	0	0	0	0	200,000	200,000
<b>Total Revenues:</b>	<b>0</b>	<b>200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200,000</b>	<b>200,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	200,000	0	0	0	0	200,000	200,000
<b>Total Expenditures:</b>	<b>0</b>	<b>200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200,000</b>	<b>200,000</b>

**COUNTY OF VOLUSIA**  
**Lighting Replacement**

Department: Ocean Center

Location: Ocean Center

CIP Category: Ocean Center

Account Number: 318-930-4300

**Description/Justification for Capital and Operating**

The current lighting system in the exhibit hall uses very high wattage metal halide fixtures. Upgrading the exhibit hall lighting system to LED fixtures with matching control system would greatly reduce power consumption and provide a lot more flexibility in programming different lighting scenes. An additional phase of the project will replace the site lighting in the east plaza to match the lighting installed during the expansion, which will also reduce power consumption. The project will begin in the first quarter of 2018 and conclude in 2019.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Ocean Center Fund	0	0	110,000	700,000	0	0	810,000	810,000
<b>Total Revenues:</b>	<b>0</b>	<b>0</b>	<b>110,000</b>	<b>700,000</b>	<b>0</b>	<b>0</b>	<b>810,000</b>	<b>810,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	110,000	700,000	0	0	810,000	810,000
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>110,000</b>	<b>700,000</b>	<b>0</b>	<b>0</b>	<b>810,000</b>	<b>810,000</b>

**COUNTY OF VOLUSIA**  
**Main Marquee Replacement**

Department: Ocean Center

Location: Ocean Center

CIP Category: Ocean Center

Account Number: 318-930-4300

**Description/Justification for Capital and Operating**

The current marquee was constructed as part of the original building in 1985. After 31 years in a beach side environment, the marquee has weathered to the point it has become an eye sore. Additionally, the electronic message board is antiquated and needs to be brought up to current industry standard in technology.

**Project Reference**

Capital Project Schedule: OC-318-2

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Ocean Center Fund	500	458,190	0	0	0	0	458,190	458,690
<b>Total Revenues:</b>	<b>500</b>	<b>458,190</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>458,190</b>	<b>458,690</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Design	500	8,190	0	0	0	0	8,190	8,690
Improvements Other Than Buildings	0	450,000	0	0	0	0	450,000	450,000
<b>Total Expenditures:</b>	<b>500</b>	<b>458,190</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>458,190</b>	<b>458,690</b>

**COUNTY OF VOLUSIA**  
**Ocean Center Roof Replacement**

Department: Ocean Center

Location: Ocean Center

CIP Category: Ocean Center

Account Number: 318-930-4300

**Description/Justification for Capital and Operating**

Replace 140,000 square foot of single ply roofing on arena, ballroom, and mezzanine level meeting rooms.

**Project Reference**

Capital Project Schedule: OC-318-8

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Ocean Center Fund	0	0	550,000	0	0	0	550,000	550,000
<b>Total Revenues:</b>	<b>0</b>	<b>0</b>	<b>550,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>550,000</b>	<b>550,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	550,000	0	0	0	550,000	550,000
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>550,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>550,000</b>	<b>550,000</b>

**COUNTY OF VOLUSIA**

**Parking Garage Door Access Control Equipment**

Department: Ocean Center

Location: Ocean Center Parking

CIP Category: Ocean Center

Account Number: 475-130-2500

**Description/Justification for Capital and Operating**

Replace all garage access control hardware and software to include gates, auto attendants, computers and hand held units for event sales.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Parking Garage Fund	0	473,000	0	0	0	0	473,000	473,000
<b>Total Revenues:</b>	<b>0</b>	<b>473,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>473,000</b>	<b>473,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	473,000	0	0	0	0	473,000	473,000
<b>Total Expenditures:</b>	<b>0</b>	<b>473,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>473,000</b>	<b>473,000</b>

**COUNTY OF VOLUSIA**

**Parking Garage Generator Replacement**

Department: Ocean Center

Location: Ocean Center Parking Garage

CIP Category: Ocean Center

Account Number: 475-130-2500

**Description/Justification for Capital and Operating**

Replacement of the generator at the Ocean Center Parking Garage.

**Project Reference**

None

**REVENUE SOURCE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Parking Garage Fund	0	45,000	0	0	0	0	45,000	45,000
<b>Total Revenues:</b>	<b>0</b>	<b>45,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>45,000</b>	<b>45,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Improvements Other Than Buildings	0	45,000	0	0	0	0	45,000	45,000
<b>Total Expenditures:</b>	<b>0</b>	<b>45,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>45,000</b>	<b>45,000</b>

**COUNTY OF VOLUSIA**

**Parking Garage Metal Roof Replacement**

Department: Ocean Center

Location: Ocean Center Parking Garage

CIP Category: Ocean Center

Account Number: 475-130-2500

**Description/Justification for Capital and Operating**

Replacement of the Parking Garage metal roof which has exceeded it's life expectancy.

**Project Reference**

None

**REVENUE SOURCE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Parking Garage Fund	0	83,000	0	0	0	0	83,000	83,000
<b>Total Revenues:</b>	<b>0</b>	<b>83,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>83,000</b>	<b>83,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Improvements Other Than Buildings	0	83,000	0	0	0	0	83,000	83,000
<b>Total Expenditures:</b>	<b>0</b>	<b>83,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>83,000</b>	<b>83,000</b>

COUNTY OF VOLUSIA

Parking Garage Parking Deck Rehab

Department: Ocean Center

Location: Ocean Center Parking Garage

CIP Category: Ocean Center

Account Number: 475-130-2500

Description/Justification for Capital and Operating

This is the repair of the slab joints for 8,800 lineal feet on each deck at a cost of \$4 per lineal foot. Also included is the cleaning and sealing of the horizontal surface of the top deck.

Deck 2 & 3 \$136,000
Deck 4 \$90,000
Deck 5 \$90,000
Deck 6 \$90,000

Project Reference

None

REVENUE SOURCE:

Table with 9 columns: Budget Object Name, Prior Years, FY 2016-17, FY 2017-18, FY 2018-19, FY 2019-20, FY 2020-21, Total Years 1-5, Total Amount. Row 1: Parking Garage Fund. Row 2: Total Revenues.

CAPITAL IMPROVEMENT EXPENDITURE:

Table with 9 columns: Budget Object Name, Prior Years, FY 2016-17, FY 2017-18, FY 2018-19, FY 2019-20, FY 2020-21, Total Years 1-5, Total Amount. Row 1: Improvements Other Than Buildings. Row 2: Total Expenditures.

**COUNTY OF VOLUSIA**  
**Sound System Replacement**

Department: Ocean Center

Location: Ocean Center

CIP Category: Ocean Center

Account Number: 318-930-4300

**Description/Justification for Capital and Operating**

The arena, ballroom, and mezzanine level meeting room sections of the Ocean Center was built in 1985. The sound system associated with these areas of the building are original equipment. The components of this system are no longer repairable due to their age. The second facet to this project is the sound system installed in our expansion spaces has become obsolete and is no longer supported by the manufacturer. The scope of this project is to replace / upgrade the sound systems in the entire facility and integrate them into one system.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Ocean Center Fund	0	0	0	0	125,000	725,000	850,000	850,000
<b>Total Revenues:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>125,000</b>	<b>725,000</b>	<b>850,000</b>	<b>850,000</b>

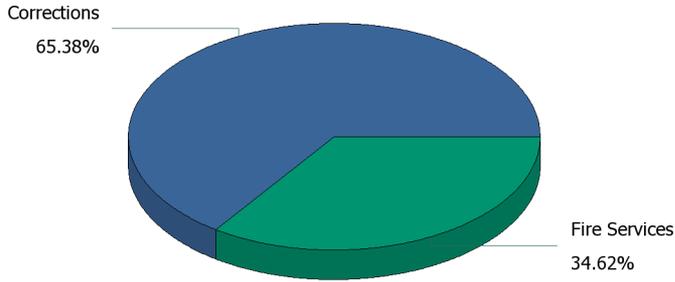
**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	0	0	125,000	725,000	850,000	850,000
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>125,000</b>	<b>725,000</b>	<b>850,000</b>	<b>850,000</b>

# COUNTY OF VOLUSIA

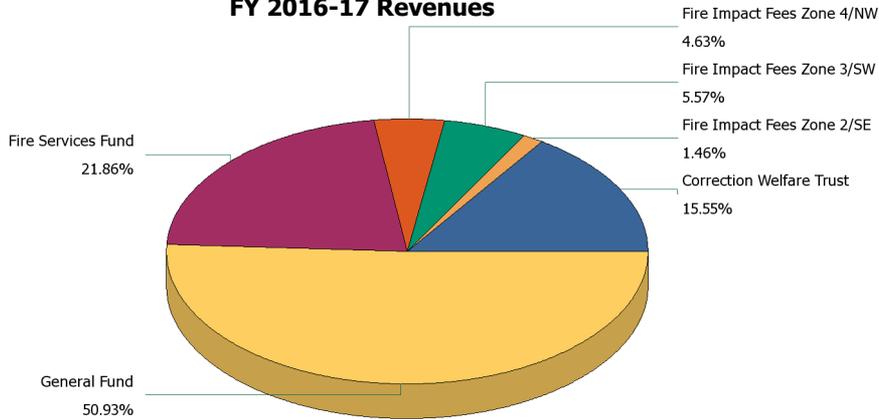
## Public Protection

**FY 2016-17 Expenditures**



Division	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Corrections	1,756,143	2,375,000	2,280,000	965,000	485,000	0	7,861,143
Emergency Medical Services	0	0	4,400,000	3,000,000	0	0	7,400,000
Fire Services	142,972	1,257,400	0	400,000	400,000	0	2,200,372
General Government	0	0	0	1,600,000	3,800,000	0	5,400,000
<b>Total Expenditures</b>	<b>1,899,115</b>	<b>3,632,400</b>	<b>6,680,000</b>	<b>5,965,000</b>	<b>4,685,000</b>	<b>0</b>	<b>22,861,515</b>

**FY 2016-17 Revenues**



Revenue Source	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Correction Welfare Trust	0	565,000	25,000	200,000	0	0	790,000
Fire Impact Fees Zone 2/SE	0	53,000	0	0	0	0	53,000
Fire Impact Fees Zone 3/SW	92,600	202,400	0	0	0	0	295,000
Fire Impact Fees Zone 4/NW	0	168,000	0	0	0	0	168,000
Fire Services Fund	50,372	794,000	0	400,000	400,000	0	1,644,372
General Fund	1,756,143	1,850,000	6,430,000	5,365,000	4,285,000	0	19,686,143
Private Contribution	0	0	225,000	0	0	0	225,000
<b>Total Revenues</b>	<b>1,899,115</b>	<b>3,632,400</b>	<b>6,680,000</b>	<b>5,965,000</b>	<b>4,685,000</b>	<b>0</b>	<b>22,861,515</b>

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**COUNTY OF VOLUSIA**

**Public Protection - Corrections**

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Project Title</b>	<b>Prior Years</b>	<b>FY 2016-17 Year 1</b>	<b>FY 2017-18 Year 2</b>	<b>FY 2018-19 Year 3</b>	<b>FY 2019-20 Year 4</b>	<b>FY 2020-21 Year 5</b>	<b>Total Amount</b>
Branch Jail Kitchen Floor Repair	0	25,000	50,000	0	0	0	75,000
Branch Jail Roof Replacement	1,756,143	1,575,000	0	0	0	0	3,331,143
Chilled Water Storage System	0	10,000	500,000	0	0	0	510,000
Control Center for Gates and Cell Doors	0	0	1,200,000	0	0	0	1,200,000
Correctional Facility Kitchen Floor Resurfacing	0	25,000	50,000	30,000	0	0	105,000
Corrections Staff Parking	0	0	0	300,000	0	0	300,000
Corrections Visitation Center	0	425,000	0	0	0	0	425,000
Exterior Security Enhancement Project	0	0	60,000	0	0	0	60,000
Exterior Window Replacement	0	25,000	130,000	130,000	130,000	0	415,000
Front Lobby Window Replacement	0	0	45,000	0	0	0	45,000
Mailroom Facility	0	0	25,000	200,000	0	0	225,000
Perimeter Lights	0	0	0	85,000	0	0	85,000
Potable Water Pipes	0	120,000	120,000	120,000	40,000	0	400,000
Recreation Yard Canopy	0	140,000	0	0	0	0	140,000
Security Fence Replacement	0	0	0	0	225,000	0	225,000
Variable Air Volume Control	0	30,000	100,000	100,000	90,000	0	320,000
<b>TOTAL EXPENDITURES</b>	<b>1,756,143</b>	<b>2,375,000</b>	<b>2,280,000</b>	<b>965,000</b>	<b>485,000</b>	<b>0</b>	<b>7,861,143</b>

**REVENUE SOURCE:**

<b>Project Title</b>	<b>Prior Years</b>	<b>FY 2016-17 Year 1</b>	<b>FY 2017-18 Year 2</b>	<b>FY 2018-19 Year 3</b>	<b>FY 2019-20 Year 4</b>	<b>FY 2020-21 Year 5</b>	<b>Total Amount</b>
Correction Welfare Trust	0	565,000	25,000	200,000	0	0	790,000
General Fund	1,756,143	1,810,000	2,030,000	765,000	485,000	0	6,846,143
Private Contribution	0	0	225,000	0	0	0	225,000
<b>TOTAL REVENUES</b>	<b>1,756,143</b>	<b>2,375,000</b>	<b>2,280,000</b>	<b>965,000</b>	<b>485,000</b>	<b>0</b>	<b>7,861,143</b>

COUNTY OF VOLUSIA

**Branch Jail Kitchen Floor Repair**

Department: Public Protection

Location: 1300 Red John Drive

CIP Category: Corrections

Account Number: 001-520-1500

**Description/Justification for Capital and Operating**

Project will resurface the floors and replace the floor drainage system. The Branch Jail kitchen floor was last updated in 2008 and is in need of repairs.

**Project Reference**

None

**REVENUE SOURCE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
General Fund	0	25,000	50,000	0	0	0	75,000	75,000
<b>Total Revenues:</b>	<b>0</b>	<b>25,000</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>75,000</b>	<b>75,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Buildings and Structures	0	0	50,000	0	0	0	50,000	50,000
Design	0	25,000	0	0	0	0	25,000	25,000
<b>Total Expenditures:</b>	<b>0</b>	<b>25,000</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>75,000</b>	<b>75,000</b>

**COUNTY OF VOLUSIA**  
**Branch Jail Roof Replacement**

Department: Public Protection

Location: 1300 Red John Drive

CIP Category: Corrections

Account Number: 001-520-1500

**Description/Justification for Capital and Operating**

Roof replacement project for the Volusia County Branch Jail (VCBJ)

Initial findings of the engineer's investigation indicate that the replacement of the roof should be done in two phases and that each phase of demolition/construction might take approximately six to nine months. Project timeline assumes phase 1 will commence in the 4th quarter of fiscal year 2015-16. Design for Phases II of the project is projected to commence the 1st quarter of FY 2016-17.

**Project Reference**

Capital Project Schedule: PP-DOC-4

Capital Project Schedule: PP-DOC-5

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
General Fund	1,756,143	1,575,000	0	0	0	0	1,575,000	3,331,143
<b>Total Revenues:</b>	<b>1,756,143</b>	<b>1,575,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,575,000</b>	<b>3,331,143</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Other	1,506,385	1,500,000	0	0	0	0	1,500,000	3,006,385
Engineering	249,758	75,000	0	0	0	0	75,000	324,758
<b>Total Expenditures:</b>	<b>1,756,143</b>	<b>1,575,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,575,000</b>	<b>3,331,143</b>

**COUNTY OF VOLUSIA**  
**Chilled Water Storage System**

Department: Public Protection

Location: 1300 Red John Drive

CIP Category: Corrections

Account Number: 001-520-1500

**Description/Justification for Capital and Operating**

An initial feasibility study for the replacement of the chilled water storage system will be done to provide information on the potential energy savings for the construction of a chilled water storage unit. It is anticipated that energy savings will result by using the storage unit during non-peak rate periods versus direct usage of water chilled during peak rate periods.

The cost of the study is \$10,000 and the total replacement of chilled water storage project is \$500,000 with costs shared with Florida Power & Light (FPL) of \$225,000. The County share of \$275,000 is expected to have a 3 to 4 year payback in energy savings.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
General Fund	0	10,000	275,000	0	0	0	285,000	285,000
Private Contribution	0	0	225,000	0	0	0	225,000	225,000
<b>Total Revenues:</b>	<b>0</b>	<b>10,000</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>510,000</b>	<b>510,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Design	0	10,000	0	0	0	0	10,000	10,000
Improvements Other Than Buildings	0	0	500,000	0	0	0	500,000	500,000
<b>Total Expenditures:</b>	<b>0</b>	<b>10,000</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>510,000</b>	<b>510,000</b>

**COUNTY OF VOLUSIA**  
**Control Center for Gates and Cell Doors**

Department: Public Protection

Location: 1300 Red John Drive

CIP Category: Corrections

Account Number: 001-520-1500

**Description/Justification for Capital and Operating**

Replacement and upgrade of the control centers for the operation of gates and cell doors at both the Volusia County Branch Jail (VCBJ) and Volusia County Correctional Facility (VCCF). Investigation and design will be done prior to implementation of the upgrades.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
General Fund	0	0	1,200,000	0	0	0	1,200,000	1,200,000
<b>Total Revenues:</b>	<b>0</b>	<b>0</b>	<b>1,200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,200,000</b>	<b>1,200,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	1,200,000	0	0	0	1,200,000	1,200,000
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>1,200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,200,000</b>	<b>1,200,000</b>

COUNTY OF VOLUSIA

Correctional Facility Kitchen Floor Resurfacing

Department: Public Protection

Location: 1354 Indian Lake Road

CIP Category: Corrections

Account Number: 001-520-1500

Description/Justification for Capital and Operating

Fiscal Year 2016-17: Designs for floor replacement.

Fiscal Year 2017-18: Resurface floors and replace drains in the Branch Jail kitchen area.

Fiscal Year 2018-19: Replace drains and resurface floors in the Correctional Facility kitchen area to comply with health and safety requirements.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
General Fund	0	25,000	50,000	30,000	0	0	105,000	105,000
<b>Total Revenues:</b>	<b>0</b>	<b>25,000</b>	<b>50,000</b>	<b>30,000</b>	<b>0</b>	<b>0</b>	<b>105,000</b>	<b>105,000</b>

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Buildings and Structures	0	25,000	50,000	30,000	0	0	105,000	105,000
<b>Total Expenditures:</b>	<b>0</b>	<b>25,000</b>	<b>50,000</b>	<b>30,000</b>	<b>0</b>	<b>0</b>	<b>105,000</b>	<b>105,000</b>

**COUNTY OF VOLUSIA**  
**Corrections Staff Parking**

Department: Public Protection

Location: 1300 Red John Drive

CIP Category: Corrections

Account Number: 001-520-1500

**Description/Justification for Capital and Operating**

Design, engineering, and improvements to upgrade staff parking to provide a safe and secured paved area for staff and division vehicles at the Volusia County Branch Jail (VCBJ).

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
General Fund	0	0	0	300,000	0	0	300,000	300,000
<b>Total Revenues:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>300,000</b>	<b>300,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	0	300,000	0	0	300,000	300,000
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>300,000</b>	<b>300,000</b>

**COUNTY OF VOLUSIA**  
**Corrections Visitation Center**

Department: Public Protection

Location: 1300 Red John Road

CIP Category: Corrections

Account Number: 123-520-3500

**Description/Justification for Capital and Operating**

The County was unsuccessful in completing contract negotiations with the awarded vendor. The project will go out for bid 1st Quarter Fiscal Year 2016-17. The existing Video Visitation system was installed by TEM Systems in 2001 and the public visitation scheduling software introduced in 2003 to provide convenience to the public and to enhance security and cost efficiencies for the County. Deterioration of the aging equipment necessitated an upgrade to audio and video equipment in fiscal year 2008-09. This equipment is no longer in production and has surpassed its operational life expectancy. Increased public utilization and evolving security concerns, along with system obsolescence, have necessitated replacement of existing systems with a modern visitation and scheduling system.

Construction of the new inmate Dormitories at the Volusia County Correctional Facility (VCCF) and renovation of the Volusia County Branch Jail (VCBJ) has resulted in the need for additional inmate and public visitation stations and the audio/video systems to support the growth in visitations. Relocating existing centrally located inmate stations at the Branch Jail to new locations closer to inmate housing units is an important element of the proposed project. Reduced inmate traffic throughout the institution will result in enhanced inmate safety and security while providing time-savings for Corrections Officers that may be devoted to higher priority core responsibilities.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Correction Welfare Trust	0	425,000	0	0	0	0	425,000	425,000
<b>Total Revenues:</b>	<b>0</b>	<b>425,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>425,000</b>	<b>425,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	425,000	0	0	0	0	425,000	425,000
<b>Total Expenditures:</b>	<b>0</b>	<b>425,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>425,000</b>	<b>425,000</b>

**COUNTY OF VOLUSIA**

**Exterior Security Enhancement Project**

Department: Public Protection

Location: 1300 Red John Drive

CIP Category: Corrections

Account Number: 001-520-1500

**Description/Justification for Capital and Operating**

Reconfiguration and update of the Branch Jail Front Apron to enhance security. Security enhancements will include structures in front of the building to prevent the possibility of cars driving into the front entrance.

**Project Reference**

None

**REVENUE SOURCE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
General Fund	0	0	60,000	0	0	0	60,000	60,000
<b>Total Revenues:</b>	<b>0</b>	<b>0</b>	<b>60,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>60,000</b>	<b>60,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Improvements Other Than Buildings	0	0	60,000	0	0	0	60,000	60,000
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>60,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>60,000</b>	<b>60,000</b>

**COUNTY OF VOLUSIA**  
**Exterior Window Replacement**

Department: Public Protection

Location: VCBJ/VCCF

CIP Category: Corrections

Account Number: 001-520-1500

**Description/Justification for Capital and Operating**

This project is to be a phased replacement of deteriorating and corroded windows original to buildings circa 1970s. These upgrades are needed for building upkeep, safety and enhanced security of the institutions. Project cost for each phase is estimated at \$130,000 and design is estimated at \$25,000.

Fiscal Year 2016-17 = Design  
 Fiscal Year 2017-18 = Phase I  
 Fiscal Year 2018-19 = Phase II  
 Fiscal Year 2019-20 = Phase III

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
General Fund	0	25,000	130,000	130,000	130,000	0	415,000	415,000
<b>Total Revenues:</b>	<b>0</b>	<b>25,000</b>	<b>130,000</b>	<b>130,000</b>	<b>130,000</b>	<b>0</b>	<b>415,000</b>	<b>415,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Buildings and Structures	0	0	130,000	130,000	130,000	0	390,000	390,000
Design	0	25,000	0	0	0	0	25,000	25,000
<b>Total Expenditures:</b>	<b>0</b>	<b>25,000</b>	<b>130,000</b>	<b>130,000</b>	<b>130,000</b>	<b>0</b>	<b>415,000</b>	<b>415,000</b>

**COUNTY OF VOLUSIA**  
**Front Lobby Window Replacement**

Department: Public Protection

Location: 1300 Red John Drive

CIP Category: Corrections

Account Number: 001-520-1500

**Description/Justification for Capital and Operating**

Front Lobby window replacement to update and enhance appearance, safety and security at the Volusia County Branch Jail. Replacement of front entrance windows, frames and doors with insulated impact glass.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
General Fund	0	0	45,000	0	0	0	45,000	45,000
<b>Total Revenues:</b>	<b>0</b>	<b>0</b>	<b>45,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>45,000</b>	<b>45,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Buildings and Structures	0	0	45,000	0	0	0	45,000	45,000
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>45,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>45,000</b>	<b>45,000</b>

**COUNTY OF VOLUSIA**

**Mailroom Facility**

Department: Public Protection

Location: 1354 Indian Lake Road and 1300 Red John Drive

CIP Category: Corrections

Account Number: 123-520-3500

**Description/Justification for Capital and Operating**

Construction of a Mailroom Facility to promote the safe and secure receiving, processing and distribution of all incoming and outgoing mail correspondence.

Prior to construction a design and engineering study will be needed.

**Project Reference**

None

**REVENUE SOURCE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Correction Welfare Trust	0	0	25,000	200,000	0	0	225,000	225,000
<b>Total Revenues:</b>	<b>0</b>	<b>0</b>	<b>25,000</b>	<b>200,000</b>	<b>0</b>	<b>0</b>	<b>225,000</b>	<b>225,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Buildings and Structures	0	0	25,000	200,000	0	0	225,000	225,000
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>25,000</b>	<b>200,000</b>	<b>0</b>	<b>0</b>	<b>225,000</b>	<b>225,000</b>

**COUNTY OF VOLUSIA**

**Perimeter Lights**

Department: Public Protection

Location: 1300 Red John Drive and 1354 Indian Lake Road

CIP Category: Corrections

Account Number: 001-520-1500

**Description/Justification for Capital and Operating**

Replacement of perimeter lighting in parking and exterior areas due to condition of aging fixtures to enhance safety and security.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
General Fund	0	0	0	85,000	0	0	85,000	85,000
<b>Total Revenues:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>85,000</b>	<b>0</b>	<b>0</b>	<b>85,000</b>	<b>85,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	0	85,000	0	0	85,000	85,000
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>85,000</b>	<b>0</b>	<b>0</b>	<b>85,000</b>	<b>85,000</b>

**COUNTY OF VOLUSIA**

**Potable Water Pipes**

Department: Public Protection

Location: 1354 Indian Lake Road and 1300 Red John Drive

CIP Category: Corrections

Account Number: 001-520-1500

**Description/Justification for Capital and Operating**

Multi-phased project to replace/repair all potable water pipes at both the Correctional Facility and Branch Jail, estimated to be a 3 year project. Potable water pipes are original (1987) cast iron pipes located underground in the courtyards. Pipes have become corroded and leak constantly.

Potable water pipe replacement for the Branch Jail will coincide with the roof project replacement.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
General Fund	0	120,000	120,000	120,000	40,000	0	400,000	400,000
<b>Total Revenues:</b>	<b>0</b>	<b>120,000</b>	<b>120,000</b>	<b>120,000</b>	<b>40,000</b>	<b>0</b>	<b>400,000</b>	<b>400,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	120,000	120,000	120,000	40,000	0	400,000	400,000
<b>Total Expenditures:</b>	<b>0</b>	<b>120,000</b>	<b>120,000</b>	<b>120,000</b>	<b>40,000</b>	<b>0</b>	<b>400,000</b>	<b>400,000</b>

**COUNTY OF VOLUSIA**  
**Recreation Yard Canopy**

Department: Public Protection

Location: 1354 Indian Lake Road

CIP Category: Corrections

Account Number: 123-520-3500

**Description/Justification for Capital and Operating**

Construction related to the Dorm Replacement project was completed in fiscal year 2014-15. A partly covered recreation/exercise yard(s) were not included in the project scope of work due to budgetary constraints. However, covering the attached recreation yard will permit inmates to use it as a dayroom space. The addition will supplement the main recreation yard and allow for outdoor activities during inclement weather. The top covering may also prevent contraband from being tossed or pitched into the yard.

**Project Reference**

Correctional Facility Temporary Housing Replacement

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Correction Welfare Trust	0	140,000	0	0	0	0	140,000	140,000
<b>Total Revenues:</b>	<b>0</b>	<b>140,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>140,000</b>	<b>140,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	140,000	0	0	0	0	140,000	140,000
<b>Total Expenditures:</b>	<b>0</b>	<b>140,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>140,000</b>	<b>140,000</b>

**COUNTY OF VOLUSIA**  
**Security Fence Replacement**

Department: Public Protection

Location: 1354 Indiana Lake Rd / 1300 Red John Drive

CIP Category: Corrections

Account Number: 001-520-1500

**Description/Justification for Capital and Operating**

Replacement of sections of the main fences original to buildings at the Volusia County Branch Jail (VCBJ) and Volusia County Correctional Facility (VCCF), due to age and deterioration (27 & 37 years old).

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
General Fund	0	0	0	0	225,000	0	225,000	225,000
<b>Total Revenues:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>225,000</b>	<b>0</b>	<b>225,000</b>	<b>225,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	0	0	225,000	0	225,000	225,000
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>225,000</b>	<b>0</b>	<b>225,000</b>	<b>225,000</b>

**COUNTY OF VOLUSIA**  
**Variable Air Volume Control**

Department: Public Protection

Location: 1300 Red John Drive

CIP Category: Corrections

Account Number: 001-520-1500

**Description/Justification for Capital and Operating**

Replacement of 120 variable air volume control valve units on roof of the Volusia County Branch Jail due to age and effectiveness. This is a phased project estimated to be completed over three years, replacing 40 units each year.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
General Fund	0	30,000	100,000	100,000	90,000	0	320,000	320,000
<b>Total Revenues:</b>	<b>0</b>	<b>30,000</b>	<b>100,000</b>	<b>100,000</b>	<b>90,000</b>	<b>0</b>	<b>320,000</b>	<b>320,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Buildings and Structures	0	0	100,000	100,000	90,000	0	290,000	290,000
Design	0	30,000	0	0	0	0	30,000	30,000
<b>Total Expenditures:</b>	<b>0</b>	<b>30,000</b>	<b>100,000</b>	<b>100,000</b>	<b>90,000</b>	<b>0</b>	<b>320,000</b>	<b>320,000</b>

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COUNTY OF VOLUSIA

Public Protection - Emergency Medical Services

**CAPITAL IMPROVEMENT EXPENDITURE:**

Project Title	Prior Years	FY 2016-17 Year 1	FY 2017-18 Year 2	FY 2018-19 Year 3	FY 2019-20 Year 4	FY 2020-21 Year 5	Total Amount
Emergency Medical Services Facility	0	0	4,400,000	3,000,000	0	0	7,400,000
<b>TOTAL EXPENDITURES</b>	<b>0</b>	<b>0</b>	<b>4,400,000</b>	<b>3,000,000</b>	<b>0</b>	<b>0</b>	<b>7,400,000</b>

**REVENUE SOURCE:**

Project Title	Prior Years	FY 2016-17 Year 1	FY 2017-18 Year 2	FY 2018-19 Year 3	FY 2019-20 Year 4	FY 2020-21 Year 5	Total Amount
General Fund	0	0	4,400,000	3,000,000	0	0	7,400,000
<b>TOTAL REVENUES</b>	<b>0</b>	<b>0</b>	<b>4,400,000</b>	<b>3,000,000</b>	<b>0</b>	<b>0</b>	<b>7,400,000</b>

**COUNTY OF VOLUSIA**

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**Emergency Medical Services Facility**

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Department: Public Protection

Location:

CIP Category: Emergency Medical Services

Account Number: 371-930-1300

**Description/Justification for Capital and Operating**

Emergency Medical Services provides countywide emergency ambulance transport. The current facilities in Holly Hill experience seasonal flooding and are not centrally located to provide countywide service. A central facility at the Indian Lakes complex would provide access to major roadways, move the facilities outside of the flood zones and storm surge areas, and provide a hurricane hardened building to continue operations in a disaster event.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
General Fund	0	0	4,400,000	3,000,000	0	0	7,400,000	7,400,000
<b>Total Revenues:</b>	<b>0</b>	<b>0</b>	<b>4,400,000</b>	<b>3,000,000</b>	<b>0</b>	<b>0</b>	<b>7,400,000</b>	<b>7,400,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Buildings and Structures	0	0	4,400,000	3,000,000	0	0	7,400,000	7,400,000
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>4,400,000</b>	<b>3,000,000</b>	<b>0</b>	<b>0</b>	<b>7,400,000</b>	<b>7,400,000</b>

**COUNTY OF VOLUSIA**

**Public Protection - Fire Services**

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Project Title</b>	<b>Prior Years</b>	<b>FY 2016-17 Year 1</b>	<b>FY 2017-18 Year 2</b>	<b>FY 2018-19 Year 3</b>	<b>FY 2019-20 Year 4</b>	<b>FY 2020-21 Year 5</b>	<b>Total Amount</b>
Facility Upgrades at the Fire Rescue Training Center	29,682	45,000	0	0	0	0	74,682
Fire Rescue Resource Center Relocation	0	0	0	150,000	150,000	0	300,000
Fire Rescue Resource Center Roof	20,690	80,000	0	0	0	0	100,690
Fire Station 18 -Rodeo Road Relocation (Renamed Fire Station 47)	0	200,000	0	250,000	0	0	450,000
Fire Station 22 -Oak Hill Renovation	0	100,000	0	0	0	0	100,000
Fire Station 23 - New Smyrna Relocation	0	0	0	0	250,000	0	250,000
Fire Station 36 -Osteen Renovation	92,600	832,400	0	0	0	0	925,000
<b>TOTAL EXPENDITURES</b>	<b>142,972</b>	<b>1,257,400</b>	<b>0</b>	<b>400,000</b>	<b>400,000</b>	<b>0</b>	<b>2,200,372</b>

**REVENUE SOURCE:**

<b>Project Title</b>	<b>Prior Years</b>	<b>FY 2016-17 Year 1</b>	<b>FY 2017-18 Year 2</b>	<b>FY 2018-19 Year 3</b>	<b>FY 2019-20 Year 4</b>	<b>FY 2020-21 Year 5</b>	<b>Total Amount</b>
Fire Impact Fees Zone 2/SE	0	53,000	0	0	0	0	53,000
Fire Impact Fees Zone 3/SW	92,600	202,400	0	0	0	0	295,000
Fire Impact Fees Zone 4/NW	0	168,000	0	0	0	0	168,000
Fire Services Fund	50,372	794,000	0	400,000	400,000	0	1,644,372
General Fund	0	40,000	0	0	0	0	40,000
<b>TOTAL REVENUES</b>	<b>142,972</b>	<b>1,257,400</b>	<b>0</b>	<b>400,000</b>	<b>400,000</b>	<b>0</b>	<b>2,200,372</b>

**COUNTY OF VOLUSIA**

**Facility Upgrades at the Fire Rescue Training Center**

Department: Public Protection

Location: 3889 Tiger Bay Road, Daytona Beach

CIP Category: Fire Services

Account Number: 140-540-2000

**Description/Justification for Capital and Operating**

Facility upgrades to include upgrading the electrical capabilities to the training tower. Additionally, adding lighting around the track for security and night training at the Fire Rescue Training Center grounds.

Phase I was completed in fiscal year 2014-15. It included an expansion for the electrical capabilities at the training center building. The electrical circuits for the training building had been maxed out and did not have any additional capacity for current electrical needs.

Phase II, which was completed in fiscal year 2015-16, included expansion of an electrical power drop to provide for additional lighting and expansion capabilities on the training center grounds.

Phase III, budgeted in fiscal year 2016-17, includes adding amp circuits to each floor of the training tower. It also includes adding security lighting to surround the track for night training and safety.

**Project Reference**

None

**REVENUE SOURCE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Fire Services Fund	29,682	45,000	0	0	0	0	45,000	74,682
<b>Total Revenues:</b>	<b>29,682</b>	<b>45,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>45,000</b>	<b>74,682</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Buildings and Structures	17,753	0	0	0	0	0	0	17,753
Improvements Other Than Buildings	11,929	10,000	0	0	0	0	10,000	21,929
Security Lighting	0	35,000	0	0	0	0	35,000	35,000
<b>Total Expenditures:</b>	<b>29,682</b>	<b>45,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>45,000</b>	<b>74,682</b>

**COUNTY OF VOLUSIA**

**Fire Rescue Resource Center Relocation**

Department: Public Protection

Location: 1970 S. Volusia Avenue, Orange City (Current location)

CIP Category: Fire Services

Account Number: 140-540-7000

**Description/Justification for Capital and Operating**

In fiscal year 2011-12, Spring Lakes Fire Station 31 was closed and converted to the Fire Rescue Resource Center/EMS Post 2. The size and location of this facility does not adequately serve the needs of Volusia County Fire Rescue. This project is to relocate the resource center to a central location and increase the size of the facility.

**Project Reference**

None

**REVENUE SOURCE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Fire Services Fund	0	0	0	150,000	150,000	0	300,000	300,000
<b>Total Revenues:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>150,000</b>	<b>150,000</b>	<b>0</b>	<b>300,000</b>	<b>300,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Construction Projects	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	150,000	0	150,000	150,000
Land	0	0	0	150,000	0	0	150,000	150,000
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>150,000</b>	<b>150,000</b>	<b>0</b>	<b>300,000</b>	<b>300,000</b>

COUNTY OF VOLUSIA

Fire Rescue Resource Center Roof

Department: Public Protection

Location: 1970 S. Volusia Avenue, Orange City

CIP Category: Fire Services

Account Number: 140-540-7000

Description/Justification for Capital and Operating

This project will be split funded between the two agencies that occupy the facility.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Fire Services Fund	20,690	40,000	0	0	0	0	40,000	60,690
General Fund	0	40,000	0	0	0	0	40,000	40,000
<b>Total Revenues:</b>	<b>20,690</b>	<b>80,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>80,000</b>	<b>100,690</b>

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Projects	0	0	0	0	0	0	0	0
Engineering	20,690	0	0	0	0	0	0	20,690
Improvements Other Than Buildings	0	80,000	0	0	0	0	80,000	80,000
<b>Total Expenditures:</b>	<b>20,690</b>	<b>80,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>80,000</b>	<b>100,690</b>

**COUNTY OF VOLUSIA**

**Fire Station 18 -Rodeo Road Relocation (Renamed Fire Station 47)**

Department: Public Protection

Location: 500 Rodeo Road, Ormond Beach (Current location)

CIP Category: Fire Services

Account Number: 140-540-5147

**Description/Justification for Capital and Operating**

This project is the relocation of Fire Station 18 to a more efficient location in Fire Impact Fee Zone 4 (northwest quad). The new station will be renamed Fire Station 47 based on its new location. Fire Station 18 is a portable building that was purchased in 2005 and is manned based on an agreement with Flagler County.

A consultant assessment that would review the current fire station locations, forecast future demands for service and make recommended changes to the current system is expected to be completed in fiscal year 2016-17. The location of current fire station 18 and future fire station 47 would be reviewed during this assessment. Once the consultant's assessment is completed, this project will be re-evaluated in conjunction with the results.

**Project Reference**

None

**REVENUE SOURCE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Fire Impact Fees Zone 4/NW	0	168,000	0	0	0	0	168,000	168,000
Fire Services Fund	0	32,000	0	250,000	0	0	282,000	282,000
<b>Total Revenues:</b>	<b>0</b>	<b>200,000</b>	<b>0</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>450,000</b>	<b>450,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Construction Projects	0	0	0	0	0	0	0	0
Engineering	0	0	0	250,000	0	0	250,000	250,000
Land	0	200,000	0	0	0	0	200,000	200,000
<b>Total Expenditures:</b>	<b>0</b>	<b>200,000</b>	<b>0</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>450,000</b>	<b>450,000</b>

COUNTY OF VOLUSIA

Fire Station 22 -Oak Hill Renovation

Department: Public Protection

Location: 213 North US Highway 1, Oak Hill

CIP Category: Fire Services

Account Number: 140-540-7000

Description/Justification for Capital and Operating

Project includes renovations to the Oak Hill Fire Station 22. The renovation will update the interior of the fire station to comply with current standards for gender privacy and building codes.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Fire Impact Fees Zone 2/SE	0	53,000	0	0	0	0	53,000	53,000
Fire Services Fund	0	47,000	0	0	0	0	47,000	47,000
<b>Total Revenues:</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Engineering	0	100,000	0	0	0	0	100,000	100,000
<b>Total Expenditures:</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>

**COUNTY OF VOLUSIA**

**Fire Station 23 - New Smyrna Relocation**

Department: Public Protection

Location: 1850 Pioneer Trail, New Smyrna (Current location)

CIP Category: Fire Services

Account Number: 140-540-5173

**Description/Justification for Capital and Operating**

This is to relocate Fire Station 23 to more efficiently serve the Southeast quad of the County. Fire Station 23 was built in 1983. In 2012, a portable building was moved to this location to provide more adequate conditions for personnel. The permanent building structure is only used to house the fire apparatus.

It is possible that this project could be supplemented with funds from the Fire Impact Fee as they become available.

A consultant assessment, that will review the current fire station locations, forecast future demands for service and make recommended changes to the current system is expected to be completed in fiscal year 2016-17. The location of Fire Station 23 will be reviewed during this assessment. Once the consultant's assessment is completed, this project will be re-evaluated in conjunction with the results.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Fire Services Fund	0	0	0	0	250,000	0	250,000	250,000
<b>Total Revenues:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>	<b>0</b>	<b>250,000</b>	<b>250,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Projects	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0
Land	0	0	0	0	250,000	0	250,000	250,000
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>	<b>0</b>	<b>250,000</b>	<b>250,000</b>

**COUNTY OF VOLUSIA**  
**Fire Station 36 -Osteen Renovation**

Department: Public Protection

Location: 180 North State Road 415, Osteen

CIP Category: Fire Services

Account Number: 140-540-5136

**Description/Justification for Capital and Operating**

This project will renovate Fire Station 36 -Osteen located at 180 North State Road 415 in Osteen. This fire station was built in 1988. The renovations to the structure include improvement to safety, ADA accessibility and energy efficiency. Work areas include - apparatus bays, gear room, decon room, bunk rooms, kitchen and related site improvements.

A contract task assignment for architectural and engineering services was approved by Council on April 7, 2016. The design work for this renovation is expected to be concluded by March 2017. Construction should be completed by December 2017.

**Project Reference**

Capital Project Schedule: PP-FR-1

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Fire Impact Fees Zone 3/SW	92,600	202,400	0	0	0	0	202,400	295,000
Fire Services Fund	0	630,000	0	0	0	0	630,000	630,000
<b>Total Revenues:</b>	<b>92,600</b>	<b>832,400</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>832,400</b>	<b>925,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Projects	0	832,400	0	0	0	0	832,400	832,400
Engineering	92,600	0	0	0	0	0	0	92,600
<b>Total Expenditures:</b>	<b>92,600</b>	<b>832,400</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>832,400</b>	<b>925,000</b>

COUNTY OF VOLUSIA

Public Protection - General Government

**CAPITAL IMPROVEMENT EXPENDITURE:**

Project Title	Prior Years	FY 2016-17 Year 1	FY 2017-18 Year 2	FY 2018-19 Year 3	FY 2019-20 Year 4	FY 2020-21 Year 5	Total Amount
Medical Examiner Facility	0	0	0	1,600,000	3,800,000	0	5,400,000
<b>TOTAL EXPENDITURES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,600,000</b>	<b>3,800,000</b>	<b>0</b>	<b>5,400,000</b>

**REVENUE SOURCE:**

Project Title	Prior Years	FY 2016-17 Year 1	FY 2017-18 Year 2	FY 2018-19 Year 3	FY 2019-20 Year 4	FY 2020-21 Year 5	Total Amount
General Fund	0	0	0	1,600,000	3,800,000	0	5,400,000
<b>TOTAL REVENUES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,600,000</b>	<b>3,800,000</b>	<b>0</b>	<b>5,400,000</b>

**COUNTY OF VOLUSIA**

**Medical Examiner Facility**

Department: Public Protection

Location:

CIP Category: General Government

Account Number: 373-930-1310

**Description/Justification for Capital and Operating**

This project is for the development and construction of a new Medical Examiner Facility. The existing facility does not have the capacity for the current workload, which includes over 600 autopsies and 900 death investigations annually. The new facility will provide adequate morgue, autopsy, and laboratory space. The planned facility would be hurricane hardened and able to continue functions in a disaster event. The facility would be designed to provide separate space for public, medical examiner, and law enforcement.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
General Fund	0	0	0	1,600,000	3,800,000	0	5,400,000	5,400,000
<b>Total Revenues:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,600,000</b>	<b>3,800,000</b>	<b>0</b>	<b>5,400,000</b>	<b>5,400,000</b>

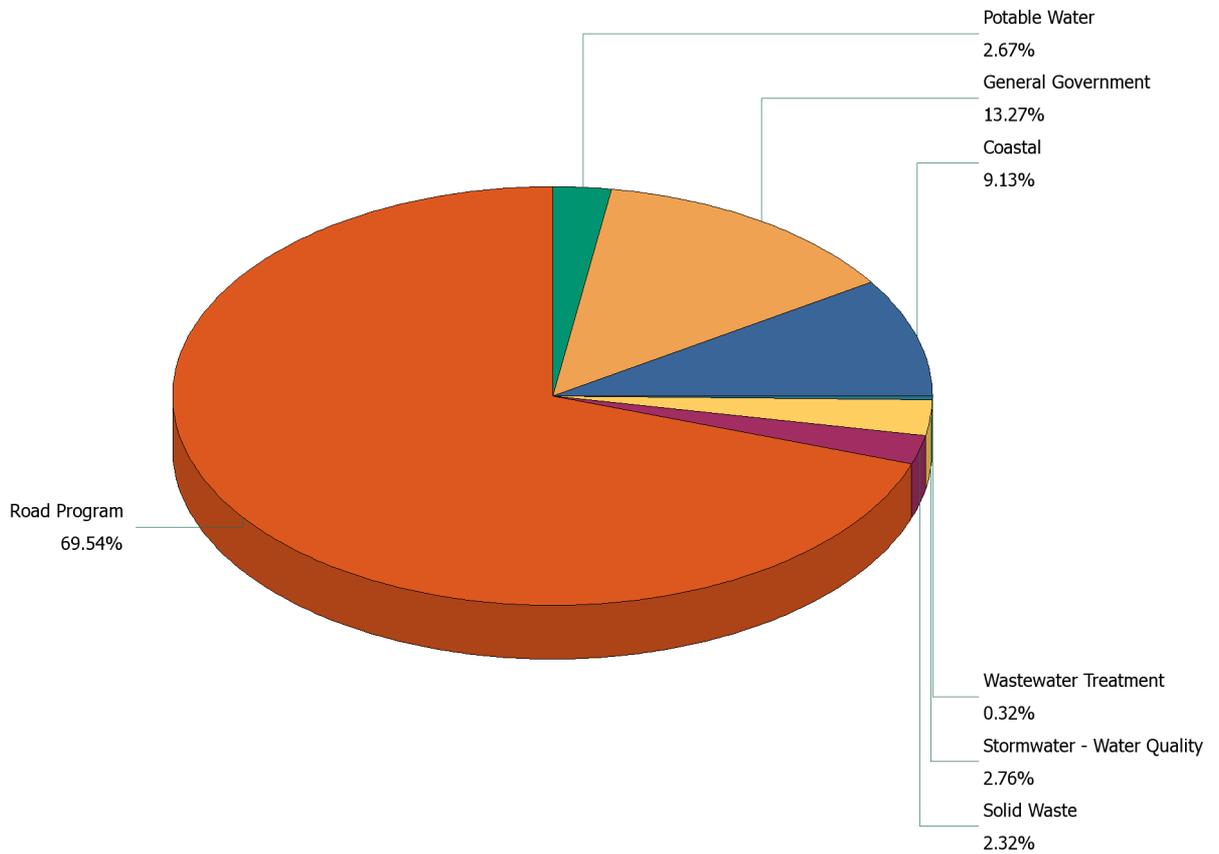
**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Buildings and Structures	0	0	0	1,600,000	3,800,000	0	5,400,000	5,400,000
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,600,000</b>	<b>3,800,000</b>	<b>0</b>	<b>5,400,000</b>	<b>5,400,000</b>

# COUNTY OF VOLUSIA

## Public Works

### FY 2016-17 Expenditures



Division	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Coastal	14,019,398	12,985,248	9,332,042	5,925,302	5,575,751	4,366,290	52,204,031
General Government	123,985	18,876,015	0	0	0	0	19,000,000
Potable Water	3,362,743	3,802,785	525,000	2,515,000	1,615,000	700,000	12,520,528
Road Program	18,716,714	98,938,169	15,584,167	12,800,000	3,950,000	2,961,500	152,950,550
Solid Waste	8,515,513	3,305,000	6,349,000	940,500	750,000	350,000	20,210,013
Stormwater - Water Quality	10,870,291	3,920,000	1,620,000	1,220,000	1,150,000	750,000	19,530,291
Wastewater Treatment	2,521,249	450,000	4,675,000	600,000	725,000	6,200,000	15,171,249
<b>Total Expenditures</b>	<b>58,129,893</b>	<b>142,277,217</b>	<b>38,085,209</b>	<b>24,000,802</b>	<b>13,765,751</b>	<b>15,327,790</b>	<b>291,586,662</b>



**COUNTY OF VOLUSIA**

**Public Works - Coastal**

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Project Title</b>	<b>Prior Years</b>	<b>FY 2016-17 Year 1</b>	<b>FY 2017-18 Year 2</b>	<b>FY 2018-19 Year 3</b>	<b>FY 2019-20 Year 4</b>	<b>FY 2020-21 Year 5</b>	<b>Total Amount</b>
ADA Walkovers and Walkover Rehabilitations	0	500,000	500,000	500,000	500,000	500,000	2,500,000
Artificial Reefs and Marine Habitat Development	175,000	75,000	90,000	240,000	290,000	50,000	920,000
Beach Infrastructure	0	435,000	385,000	385,000	385,000	215,000	1,805,000
Beach Ramp Renovation	520,785	0	180,000	1,210,000	1,010,000	320,000	3,240,785
Boardwalk Development	0	1,881,823	2,654,221	2,940,302	3,240,751	3,056,290	13,773,387
Halifax/Indian River Channel Markers	0	65,000	0	0	0	0	65,000
Hiles Parking Development	38,787	632,584	0	0	0	0	671,371
Inlet Channel Dredging (USACE)	0	150,000	150,000	150,000	150,000	150,000	750,000
Lighthouse Point Park Boardwalk	0	200,000	500,000	500,000	0	0	1,200,000
Off-beach Parking - 1255 N. Ocean Shore Blvd.	14,381	560,619	0	0	0	0	575,000
Off-beach Parking - 726 N. Atlantic Ave.	15,633	984,367	0	0	0	0	1,000,000
Off-beach Parking - 834 N. Atlantic Ave.	0	951,350	0	0	0	0	951,350
Off-Beach Parking Development	13,060,419	1,463,712	4,872,821	0	0	0	19,396,952
Smyrna Dunes Boardwalk Reconstruction	194,393	4,644,793	0	0	0	0	4,839,186
Smyrna Dunes Park Fishing Pier	0	441,000	0	0	0	0	441,000
South Jetty Fishing Deck	0	0	0	0	0	75,000	75,000
<b>TOTAL EXPENDITURES</b>	<b>14,019,398</b>	<b>12,985,248</b>	<b>9,332,042</b>	<b>5,925,302</b>	<b>5,575,751</b>	<b>4,366,290</b>	<b>52,204,031</b>

**REVENUE SOURCE:**

<b>Project Title</b>	<b>Prior Years</b>	<b>FY 2016-17 Year 1</b>	<b>FY 2017-18 Year 2</b>	<b>FY 2018-19 Year 3</b>	<b>FY 2019-20 Year 4</b>	<b>FY 2020-21 Year 5</b>	<b>Total Amount</b>
Beach Access Fee	1,392,989	330,662	567,987	1,247,529	936,027	185,000	4,660,194
Beach Projects Capital	30,014	1,671,336	0	0	0	0	1,701,350
Florida Boating Improvement Program	0	271,525	0	0	0	0	271,525
Florida Inland Navigation District	0	119,475	0	0	0	0	119,475
General Fund	7,361,667	5,925,000	500,000	500,000	500,000	500,000	15,286,667
Ponce Inlet and Port District Fund	2,352,061	5,318,790	1,173,546	1,237,471	898,973	625,000	11,605,841
Volusia ECHO	4,382,667	3,784,748	2,154,221	2,440,302	2,740,751	3,056,290	18,558,979
<b>TOTAL REVENUES</b>	<b>15,519,398</b>	<b>17,421,536</b>	<b>4,395,754</b>	<b>5,425,302</b>	<b>5,075,751</b>	<b>4,366,290</b>	<b>52,204,031</b>

**COUNTY OF VOLUSIA**

**ADA Walkovers and Walkover Rehabilitations**

Department: Public Works

Location:

CIP Category: Coastal

Account Number: 001-150-5130

**Description/Justification for Capital and Operating**

Maintaining and improving handicapped access to Volusia County beaches is a top priority of the Volusia County Council. Volusia County will be performing handicap access improvements at county beach ramps, dune walkovers and beachfront parks. This effort will be initiated in fiscal year 2016-17 with \$500,000 from the General Fund. Areas deficient of handicapped accessibility have been identified and candidate sites are being evaluated to provide a better dispersion within Volusia County.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
General Fund	0	500,000	500,000	500,000	500,000	500,000	2,500,000	2,500,000
<b>Total Revenues:</b>	<b>0</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>2,500,000</b>	<b>2,500,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Other	0	500,000	500,000	500,000	500,000	500,000	2,500,000	2,500,000
<b>Total Expenditures:</b>	<b>0</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>2,500,000</b>	<b>2,500,000</b>

COUNTY OF VOLUSIA

Artificial Reefs and Marine Habitat Development

Department: Public Works

Location: New Smyrna/Daytona Beach Shores/Daytona Beach

CIP Category: Coastal

Account Number: 114-150-6010

Description/Justification for Capital and Operating

Council initiative intended to create marine habitat on the continental shelf offshore Ponce de Leon Inlet to support the fishing, diving and boating industry. The program recycles concrete, saves landfill space, reduces industry disposal costs, creates reef habitat where none currently exists and results in fuel savings for the recreational, charter and commercial fishing industries. Reef site expansion includes two nearshore reef construction areas located offshore Flagler Avenue in New Smyrna Beach and the Sunglow Pier in Daytona Beach Shores.

Project Reference

None

REVENUE SOURCE:

Table with 9 columns: Budget Object Name, Prior Years, FY 2016-17, FY 2017-18, FY 2018-19, FY 2019-20, FY 2020-21, Total Years 1-5, Total Amount. Rows include Ponce Inlet and Port District Fund and Total Revenues.

CAPITAL IMPROVEMENT EXPENDITURE:

Table with 9 columns: Budget Object Name, Prior Years, FY 2016-17, FY 2017-18, FY 2018-19, FY 2019-20, FY 2020-21, Total Years 1-5, Total Amount. Rows include Construction Other, Design, and Total Expenditures.

**COUNTY OF VOLUSIA**  
**Beach Infrastructure**

Department: Public Works

Location:

CIP Category: Coastal

Account Number: 313-930-3258

**Description/Justification for Capital and Operating**

Beach infrastructure projects encompass new facilities and renovations to existing facilities including parks, restrooms, shell parking areas, signage, and small scale dune projects. Annual revenue from both beach access fees and the Ponce De Leon Inlet and Port District are used to fund improvements along the entire 48 miles of Volusia beaches.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Beach Access Fee	0	1,003	35,000	85,000	35,000	35,000	191,003	191,003
Ponce Inlet and Port District Fund	0	433,997	350,000	300,000	350,000	180,000	1,613,997	1,613,997
<b>Total Revenues:</b>	<b>0</b>	<b>435,000</b>	<b>385,000</b>	<b>385,000</b>	<b>385,000</b>	<b>215,000</b>	<b>1,805,000</b>	<b>1,805,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Other	0	435,000	385,000	385,000	385,000	215,000	1,805,000	1,805,000
<b>Total Expenditures:</b>	<b>0</b>	<b>435,000</b>	<b>385,000</b>	<b>385,000</b>	<b>385,000</b>	<b>215,000</b>	<b>1,805,000</b>	<b>1,805,000</b>

**COUNTY OF VOLUSIA**  
**Beach Ramp Renovation**

Department: Public Works

Location:

CIP Category: Coastal

Account Number: 313-930-9999

**Description/Justification for Capital and Operating**

Volusia County has 41 beach ramps for public access, 21 ramps with public parking, 20 ramps without parking. The ramp renovation projects are to maintain safe and attractive access points, and to continue the beach identity for Volusia County. Projects include toll booths, signage, gates, parking lot resurfacing, lighting, and landscaping. Annual project budgets are allocated to both the primary and secondary ramps. Planned improvements are as follows:

- Botefuhr Ramp - design fiscal year 2018-19, construction fiscal year 2019-20
- Boyleston Ramp - design fiscal year 2018-19, construction fiscal year 2019-20
- Browning Ramp - design fiscal year 2017-18, construction fiscal year 2018-19
- Glenview Ramp - design fiscal year 2020-21
- Main Street Ramp - design fiscal year 2020-21
- Plaza Ramp - design fiscal year 2017-18, construction fiscal year 2018-19
- Riverbeach Ramp - design fiscal year 2020-21
- Riverview Ramp - design fiscal year 2018-19, construction fiscal year 2019-20
- Rockefeller Ramp - design fiscal year 2017-18, construction fiscal year 2018-19
- Seabreeze Ramp - design fiscal year 2020-21
- Seaview Ramp - design fiscal year 2020-21
- University Ramp - construction fiscal year 2018-19

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Beach Access Fee	520,785	0	96,454	1,162,529	901,027	150,000	2,310,010	2,830,795
Ponce Inlet and Port District Fund	0	0	83,546	47,471	108,973	170,000	409,990	409,990
<b>Total Revenues:</b>	<b>520,785</b>	<b>0</b>	<b>180,000</b>	<b>1,210,000</b>	<b>1,010,000</b>	<b>320,000</b>	<b>2,720,000</b>	<b>3,240,785</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Projects	520,785	0	180,000	1,210,000	1,010,000	320,000	2,720,000	3,240,785
<b>Total Expenditures:</b>	<b>520,785</b>	<b>0</b>	<b>180,000</b>	<b>1,210,000</b>	<b>1,010,000</b>	<b>320,000</b>	<b>2,720,000</b>	<b>3,240,785</b>

**COUNTY OF VOLUSIA**  
**Boardwalk Development**

Department: Public Works

Location:

CIP Category: Coastal

Account Number: 375-930-5800

**Description/Justification for Capital and Operating**

The County Council created an Opportunity Zone on May 7, 2015, a 2.25-mile stretch along the Atlantic Ocean from University to Silver Beach that will be a traffic-free zone on the beach. Boardwalk development along this zone to connect existing amenities and provide a new destination will reconnect people with the water and provide a new identity for the area. The planned development will be environmentally friendly and compatible with the Habitat Conservation Plan. The boardwalk is proposed to encourage economic development in the area and provide a safe and accessible attraction for all citizens and visitors. On August 6, 2015, the County Council approved resolution 2015-102 designating all ECHO funds remaining after funding the ECHO grant program, the Master Trails Program at \$1.0 million annually, and payment of the applicable tax increment to community redevelopment areas to the boardwalk development program.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Volusia ECHO	1,500,000	1,881,823	2,154,221	2,440,302	2,740,751	3,056,290	12,273,387	13,773,387
<b>Total Revenues:</b>	<b>1,500,000</b>	<b>1,881,823</b>	<b>2,154,221</b>	<b>2,440,302</b>	<b>2,740,751</b>	<b>3,056,290</b>	<b>12,273,387</b>	<b>13,773,387</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Projects	0	1,881,823	2,654,221	2,940,302	3,240,751	3,056,290	13,773,387	13,773,387
<b>Total Expenditures:</b>	<b>0</b>	<b>1,881,823</b>	<b>2,654,221</b>	<b>2,940,302</b>	<b>3,240,751</b>	<b>3,056,290</b>	<b>13,773,387</b>	<b>13,773,387</b>

**COUNTY OF VOLUSIA**

**Halifax/Indian River Channel Markers**

Department: Public Works

Location:

CIP Category: Coastal

Account Number: 114-150-2000

**Description/Justification for Capital and Operating**

The Inlet & Port District is charged with providing public access to Volusia County coastal waterways including the Halifax and Indian Rivers, Spruce Creek, the Tomoka River, Mosquito Lagoon and Ponce de Leon Inlet. These interior coastal water-bodies contain numerous backcountry boating channels that narrowly wind through mangrove wetlands, sandbars, sea grass meadows, mud flats and oyster reefs that are sensitive and important estuarine habitat. Although very important to the function of our rivers and estuaries, these partially emergent or fully submerged features are dangerously hazardous to navigation safety as vessels can become grounded at high rates of speed without the benefit guidance of channel or shoal marking navigation aids. A small-scale coastal backcountry channel marking program targeting high-use channels where submerged hazards are present would greatly reduce or eliminate dangerous groundings that can result in bodily injury and significant vessel damage.

**Project Reference**

Capital Project Schedule: PW-COS-8

**REVENUE SOURCE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Ponce Inlet and Port District Fund	0	65,000	0	0	0	0	65,000	65,000
<b>Total Revenues:</b>	<b>0</b>	<b>65,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>65,000</b>	<b>65,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Construction Projects	0	65,000	0	0	0	0	65,000	65,000
<b>Total Expenditures:</b>	<b>0</b>	<b>65,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>65,000</b>	<b>65,000</b>

**COUNTY OF VOLUSIA**  
**Hiles Parking Development**

Department: Public Works

Location: Hiles Blvd.

CIP Category: Coastal

Account Number: 313-930-3308

**Description/Justification for Capital and Operating**

The provision of off-beach parking is a key component of County's priority to maintain beach access while meeting the requirements of the Habitat Protection Plan (HPP) and the Incidental Take Permit (ITP). Off-beach parking that is convenient, free, safe, and attractive promotes the beach identity developed for Volusia County.

Hiles Parking, New Smyrna Beach. Approximately 75 spaces in overflow parking lot plus additional handicapped parking, restrooms, bike racks, showers, landscaping and perimeter fencing.

**Project Reference**

Capital Project Schedule: PW-COS-1  
 ECHO Grant Award: 15-04

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Beach Access Fee	38,787	329,659	0	0	0	0	329,659	368,446
Volusia ECHO	0	302,925	0	0	0	0	302,925	302,925
<b>Total Revenues:</b>	<b>38,787</b>	<b>632,584</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>632,584</b>	<b>671,371</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Projects	38,787	632,584	0	0	0	0	632,584	671,371
<b>Total Expenditures:</b>	<b>38,787</b>	<b>632,584</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>632,584</b>	<b>671,371</b>

**COUNTY OF VOLUSIA**  
**Inlet Channel Dredging (USACE)**

Department: Public Works

Location:

CIP Category: Coastal

Account Number: 114-150-2000

**Description/Justification for Capital and Operating**

Ponce de Leon Inlet is a chronically shoaling inlet channel that traps 40,000 to 60,000 cubic yards of beach sand annually that would otherwise be distributed naturally in the southward drift along the coast. This sand hinders safe navigation in the inlet and adjacent Intercoastal Waterway (IWW) channels. The State of Florida adopted Ponce de Leon Inlet Management Plan requires bypassing of this sand to the downdrift beaches. An opportunity to engage the U.S. Army Corps of Engineers, the state and the Florida Inland Navigation District exists through a joint funding agreement for annual inlet channel maintenance dredging. Annual inlet maintenance dredging with beach sand disposal would result in safer inlet and IWW channel navigation and nourishment of nearby beaches supporting the marine industries and beach related tourism and habitat.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Ponce Inlet and Port District Fund	0	150,000	150,000	150,000	150,000	150,000	750,000	750,000
<b>Total Revenues:</b>	<b>0</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>750,000</b>	<b>750,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Projects	0	150,000	150,000	150,000	150,000	150,000	750,000	750,000
<b>Total Expenditures:</b>	<b>0</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>750,000</b>	<b>750,000</b>

**COUNTY OF VOLUSIA**  
**Lighthouse Point Park Boardwalk**

Department: Public Works

Location: Ponce Inlet

CIP Category: Coastal

Account Number: 114-150-6110

**Description/Justification for Capital and Operating**

Lighthouse Point Park was developed in the early 1980's with a series of wooden boardwalks that provide access to the ocean beaches through a natural dune system. The wooden boardwalks are subject to extreme coastal weather conditions such as direct sun exposure, wind-driven salt and sand scour and heavy rain. As a result of these impacts the boardwalks decay and become unsafe over time. Reconstruction of the boardwalks is now necessary to continue safe use and composite lumber decking and handrail caps are recommended to reduce boardwalk decay and maintenance. Additionally, the original boardwalk design established several isolated dune walkover spurs that do not sensibly interconnect with the primary central parking, restroom and picnic pavilion activity area. To alleviate this condition two new boardwalk sections will be constructed to bridge the isolated gaps.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Ponce Inlet and Port District Fund	0	200,000	500,000	500,000	0	0	1,200,000	1,200,000
<b>Total Revenues:</b>	<b>0</b>	<b>200,000</b>	<b>500,000</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>1,200,000</b>	<b>1,200,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Projects	0	200,000	500,000	500,000	0	0	1,200,000	1,200,000
<b>Total Expenditures:</b>	<b>0</b>	<b>200,000</b>	<b>500,000</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>1,200,000</b>	<b>1,200,000</b>

**COUNTY OF VOLUSIA**

**Off-beach Parking - 1255 N. Ocean Shore Blvd.**

Department: Public Works

Location: 1255 N. Ocean Shore Blvd.

CIP Category: Coastal

Account Number: 313-930-1255

**Description/Justification for Capital and Operating**

The provision of off-beach parking is a key component of County's priority to maintain beach access while meeting the requirements of the Habitat Protection Plan (HPP) and the Incidental Take Permit (ITP). Off-beach parking that is convenient, free, safe, and attractive promotes the beach identity developed for Volusia County.

Argosy Motel - Ormond-by-the-Sea will feature 44 angle parking spaces, a shower, ADA beach access ramp, repaired seawall, and landscaping.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Beach Projects Capital	14,381	560,619	0	0	0	0	560,619	575,000
<b>Total Revenues:</b>	<b>14,381</b>	<b>560,619</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>560,619</b>	<b>575,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Projects	0	528,616	0	0	0	0	528,616	528,616
Design	14,381	32,003	0	0	0	0	32,003	46,384
<b>Total Expenditures:</b>	<b>14,381</b>	<b>560,619</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>560,619</b>	<b>575,000</b>

**COUNTY OF VOLUSIA**

**Off-beach Parking - 726 N. Atlantic Ave.**

Department: Public Works

Location: 726 N. Atlantic Ave.

CIP Category: Coastal

Account Number: 313-930-0726

**Description/Justification for Capital and Operating**

The provision of off-beach parking is a key component of County's priority to maintain beach access while meeting the requirements of the Habitat Protection Plan (HPP) and the Incidental Take Permit (ITP). Off-beach parking that is convenient, free, safe, and attractive promotes the beach identity developed for Volusia County.

Sun n Surf - Daytona Beach will feature 70 parking spaces, ADA beach access ramp, showers, bike racks, a 15 foot wide stamped concrete beachfront boardwalk, and landscaping.

**Project Reference**

None

**REVENUE SOURCE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Beach Projects Capital	15,633	984,367	0	0	0	0	984,367	1,000,000
<b>Total Revenues:</b>	<b>15,633</b>	<b>984,367</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>984,367</b>	<b>1,000,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Construction Projects	10,429	935,096	0	0	0	0	935,096	945,525
Design	5,204	49,271	0	0	0	0	49,271	54,475
<b>Total Expenditures:</b>	<b>15,633</b>	<b>984,367</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>984,367</b>	<b>1,000,000</b>

**COUNTY OF VOLUSIA**

**Off-beach Parking - 834 N. Atlantic Ave.**

Department: Public Works

Location: 834 N. Atlantic Ave.

CIP Category: Coastal

Account Number: 313-930-3289

**Description/Justification for Capital and Operating**

The provision of off-beach parking is a key component of County's priority to maintain beach access while meeting the requirements of the Habitat Protection Plan (HPP) and the Incidental Take Permit (ITP). Off-beach parking that is convenient, free, safe, and attractive promotes the beach identity developed for Volusia County.

University Blvd. beach ramp will feature 100 parking spaces, ADA beach access ramp, showers, bike racks, a 15 foot wide stamped concrete beachfront boardwalk, and landscaping.

**Project Reference**

Capital Project Schedule: PW-COS-4

**REVENUE SOURCE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Beach Projects Capital	0	126,350	0	0	0	0	126,350	126,350
General Fund	0	325,000	0	0	0	0	325,000	325,000
Ponce Inlet and Port District Fund	0	500,000	0	0	0	0	500,000	500,000
<b>Total Revenues:</b>	<b>0</b>	<b>951,350</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>951,350</b>	<b>951,350</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Construction Projects	0	951,350	0	0	0	0	951,350	951,350
<b>Total Expenditures:</b>	<b>0</b>	<b>951,350</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>951,350</b>	<b>951,350</b>

**COUNTY OF VOLUSIA**  
**Off-Beach Parking Development**

Department: Public Works

Location: Various

CIP Category: Coastal

Account Number: 313-930-9999

**Description/Justification for Capital and Operating**

The provision of off-beach parking is a key component of County's priority to maintain beach access while meeting the requirements of the Habitat Protection Plan (HPP) and the Incidental Take Permit (ITP). Off-beach parking that is convenient, free, safe, and attractive promotes the beach identity developed for Volusia County. In fiscal year 2014-15 the County leveraged General Fund, Volusia ECHO funds, and Ponce Inlet Port District funds to expand off-beach parking.

650 South Atlantic Ave, Ormond Beach. Approximately 124 parking spaces, as well as the Beach and Coastal North County Operations and Storage Yard. \$1,383,621 in fiscal year 2017-18.

3167 South Atlantic Ave, Daytona Beach Shores. Approximately 146 parking spaces, restrooms, bike racks, showers, picnic pavilions, stamped concrete beachfront boardwalk, and ADA compliant beach access ramp. \$2,204,700 in fiscal year 2017-18.

3621 South Atlantic Ave, Daytona Beach Shores. Approximately 84 parking spaces, restrooms, bike racks, showers, picnic pavilions, stamped concrete beachfront boardwalk, and ADA compliant beach access ramp. \$1,284,500 in fiscal year 2017-18.

**Project Reference**

Capital Project Schedule: PW-COS-4

ECHO: DCE

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Beach Access Fee	833,417	0	436,533	0	0	0	436,533	1,269,950
General Fund	7,361,667	5,100,000	0	0	0	0	5,100,000	12,461,667
Ponce Inlet and Port District Fund	1,982,668	0	0	0	0	0	0	1,982,668
Volusia ECHO	2,882,667	800,000	0	0	0	0	800,000	3,682,667
<b>Total Revenues:</b>	<b>13,060,419</b>	<b>5,900,000</b>	<b>436,533</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,336,533</b>	<b>19,396,952</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Other	833,417	1,463,712	4,872,821	0	0	0	6,336,533	7,169,950
Land	12,227,002	0	0	0	0	0	0	12,227,002
<b>Total Expenditures:</b>	<b>13,060,419</b>	<b>1,463,712</b>	<b>4,872,821</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,336,533</b>	<b>19,396,952</b>

COUNTY OF VOLUSIA

Smyrna Dunes Boardwalk Reconstruction

Department: Public Works

Location: New Smyrna Beach

CIP Category: Coastal

Account Number: 313-930-6606

Description/Justification for Capital and Operating

There is over 10,000 feet of wooden boardwalk located throughout Smyrna Dunes Park. The boardwalk is 30 years old and in need of replacement due to the impacts of wind, salt, rain and sun. This project will expand the boardwalk width from five feet to eight feet. This will greatly improve boardwalk accessibility for dog walking, jogging, strolling and group walkers that often use the boardwalk simultaneously.

Project Reference

Capital Project Schedule: PW-C0S-3
ECHO Grant Award: 15-05 & 16-02

REVENUE SOURCE:

Table with 9 columns: Budget Object Name, Prior Years, FY 2016-17, FY 2017-18, FY 2018-19, FY 2019-20, FY 2020-21, Total Years 1-5, Total Amount. Rows include Ponce Inlet and Port District Fund, Volusia ECHO, and Total Revenues.

CAPITAL IMPROVEMENT EXPENDITURE:

Table with 9 columns: Budget Object Name, Prior Years, FY 2016-17, FY 2017-18, FY 2018-19, FY 2019-20, FY 2020-21, Total Years 1-5, Total Amount. Rows include Design, Improvements Other Than Buildings, and Total Expenditures.

**COUNTY OF VOLUSIA**  
**Smyrna Dunes Park Fishing Pier**

Department: Public Works

Location: New Smyrna Beach

CIP Category: Coastal

Account Number: 313-930-6606

**Description/Justification for Capital and Operating**

Addition of a fishing pier at Smyrna Dunes Park. The proposed pier will be 350 feet long and 10 feet wide. It will include composite decking, handrails, and ADA access ramps.

**Project Reference**

Capital Project Schedule: PW-COS-2

**REVENUE SOURCE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Florida Boating Improvement Program	0	271,525	0	0	0	0	271,525	271,525
Florida Inland Navigation District	0	119,475	0	0	0	0	119,475	119,475
Ponce Inlet and Port District Fund	0	50,000	0	0	0	0	50,000	50,000
<b>Total Revenues:</b>	<b>0</b>	<b>441,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>441,000</b>	<b>441,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Improvements Other Than Buildings	0	441,000	0	0	0	0	441,000	441,000
<b>Total Expenditures:</b>	<b>0</b>	<b>441,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>441,000</b>	<b>441,000</b>

**COUNTY OF VOLUSIA**  
**South Jetty Fishing Deck**

Department: Public Works

Location:

CIP Category: Coastal

Account Number: 114-150-7100

**Description/Justification for Capital and Operating**

Fishing from the rock jetties located on either side of Ponce de Leon Inlet is a very popular activity among residents and visitors to Volusia County. Currently only the north jetty at Ponce de Leon Inlet has been improved with a concrete fishing deck. The south jetty located at Smyrna Dunes Park can also be improved with a concrete jetty deck feature that will improve fishing access and safety. A concrete jetty deck can be established with minimal engineering and design, at a relatively low construction cost and concrete jetty decks are virtually maintenance-free for a 30 to 50 year life-span.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Ponce Inlet and Port District Fund	0	0	0	0	0	75,000	75,000	75,000
<b>Total Revenues:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>75,000</b>	<b>75,000</b>	<b>75,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Engineering	0	0	0	0	0	75,000	75,000	75,000
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>75,000</b>	<b>75,000</b>	<b>75,000</b>

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**COUNTY OF VOLUSIA**

**Public Works - General Government**

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Project Title</b>	<b>Prior Years</b>	<b>FY 2016-17 Year 1</b>	<b>FY 2017-18 Year 2</b>	<b>FY 2018-19 Year 3</b>	<b>FY 2019-20 Year 4</b>	<b>FY 2020-21 Year 5</b>	<b>Total Amount</b>
Public Works Service Center	123,985	18,876,015	0	0	0	0	19,000,000
<b>TOTAL EXPENDITURES</b>	<b>123,985</b>	<b>18,876,015</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>19,000,000</b>

**REVENUE SOURCE:**

<b>Project Title</b>	<b>Prior Years</b>	<b>FY 2016-17 Year 1</b>	<b>FY 2017-18 Year 2</b>	<b>FY 2018-19 Year 3</b>	<b>FY 2019-20 Year 4</b>	<b>FY 2020-21 Year 5</b>	<b>Total Amount</b>
County Transportation Trust	15,000,000	0	0	0	0	0	15,000,000
E Volusia Mosquito Control	2,000,000	0	0	0	0	0	2,000,000
Stormwater Assessment	2,000,000	0	0	0	0	0	2,000,000
<b>TOTAL REVENUES</b>	<b>19,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>19,000,000</b>

**COUNTY OF VOLUSIA**

**Public Works Service Center**

Department: Public Works

Location:

CIP Category: General Government

Account Number: 365-930-7000

**Description/Justification for Capital and Operating**

The purpose of this project is to construct a consolidated Public Works Service Center. Operations are currently housed in floodplain and storm surge areas, at various locations with constrained accessibility. The consolidated facility will be centrally located for improved access to major roadways, outside of flood and storm surge areas, with hardened buildings to provide operations during hurricanes or other major emergency situations. Public Works would consolidate locations for Road & Bridge, Mosquito Control, Stormwater, Construction Engineering, and Traffic Engineering.

**Project Reference**

Capital Project Schedule: PW-RB-1

**REVENUE SOURCE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
County Transportation Trust	15,000,000	0	0	0	0	0	0	15,000,000
E Volusia Mosquito Control	2,000,000	0	0	0	0	0	0	2,000,000
Stormwater Assessment	2,000,000	0	0	0	0	0	0	2,000,000
<b>Total Revenues:</b>	<b>19,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>19,000,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Buildings and Structures	0	17,000,000	0	0	0	0	17,000,000	17,000,000
Design	123,985	1,876,015	0	0	0	0	1,876,015	2,000,000
Land	0	0	0	0	0	0	0	0
<b>Total Expenditures:</b>	<b>123,985</b>	<b>18,876,015</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>18,876,015</b>	<b>19,000,000</b>

**COUNTY OF VOLUSIA**

**Public Works - Potable Water**

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Project Title</b>	<b>Prior Years</b>	<b>FY 2016-17 Year 1</b>	<b>FY 2017-18 Year 2</b>	<b>FY 2018-19 Year 3</b>	<b>FY 2019-20 Year 4</b>	<b>FY 2020-21 Year 5</b>	<b>Total Amount</b>
Alternative Water Sources and Water Supply	645,552	2,027,785	0	0	0	0	2,673,337
Future Capital Projects-Water	0	0	0	1,900,000	1,000,000	0	2,900,000
Glen Abbey WTP Water Quality Improvement	1,211,813	350,000	0	0	0	0	1,561,813
Operations & Maintenance Capital Improvements	1,313,144	1,275,000	525,000	615,000	615,000	700,000	5,043,144
SW2 Water Quality Improvement	192,234	150,000	0	0	0	0	342,234
<b>TOTAL EXPENDITURES</b>	<b>3,362,743</b>	<b>3,802,785</b>	<b>525,000</b>	<b>2,515,000</b>	<b>1,615,000</b>	<b>700,000</b>	<b>12,520,528</b>

**REVENUE SOURCE:**

<b>Project Title</b>	<b>Prior Years</b>	<b>FY 2016-17 Year 1</b>	<b>FY 2017-18 Year 2</b>	<b>FY 2018-19 Year 3</b>	<b>FY 2019-20 Year 4</b>	<b>FY 2020-21 Year 5</b>	<b>Total Amount</b>
Florida Department Environmental Protection	0	200,000	0	0	0	0	200,000
St John's River Water Management District	0	202,785	0	0	0	0	202,785
Water Sewer Utilities	3,362,743	3,400,000	525,000	2,515,000	1,615,000	700,000	12,117,743
<b>TOTAL REVENUES</b>	<b>3,362,743</b>	<b>3,802,785</b>	<b>525,000</b>	<b>2,515,000</b>	<b>1,615,000</b>	<b>700,000</b>	<b>12,520,528</b>

**COUNTY OF VOLUSIA**

**Alternative Water Sources and Water Supply**

Department: Public Works

Location: County-wide

CIP Category: Potable Water

Account Number: 457-780-4780

**Description/Justification for Capital and Operating**

This program calls for the development and funding of alternative water supply projects in order to reduce the withdrawals from traditional ground water sources such as the Floridian Aquifer. Volusia County Utilities (VCU) is working in cooperation with the St Johns River Water Management District (SJRWMD) and Florida Department of Environmental Protection (DEP) to ensure that adequate and sustainable water supplies are available to meet future needs in the region while also protecting the environment.

VCU anticipates a \$200,000 grant from FDEP for Deep Creek aquifer performance testing (APT) in order to develop test well sites on County owned property, located outside of the springshed boundaries of Volusia Blue Spring. VCU will fund the remaining \$500,000 from budgeted funds.

VCU anticipates a \$202,785 grant from SJRWMD for Normandy Blvd reclaimed main line extension to provide reclaimed water service to commercial development proposed within the I-4 activity center east of I-4. VCU will provide \$ 325,000 from budgeted funds.

**Project Reference**

Capital Project Schedule: PW-WRU-2

**REVENUE SOURCE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Florida Department Environmental Protection	0	200,000	0	0	0	0	200,000	200,000
St John's River Water Management District	0	202,785	0	0	0	0	202,785	202,785
Water Sewer Utilities	645,552	1,625,000	0	0	0	0	1,625,000	2,270,552
<b>Total Revenues:</b>	<b>645,552</b>	<b>2,027,785</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,027,785</b>	<b>2,673,337</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Construction Other	645,552	2,027,785	0	0	0	0	2,027,785	2,673,337
<b>Total Expenditures:</b>	<b>645,552</b>	<b>2,027,785</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,027,785</b>	<b>2,673,337</b>

**COUNTY OF VOLUSIA**  
**Future Capital Projects-Water**

Department: Public Works

Location: County-wide

CIP Category: Potable Water

Account Number: 457-780-9999

**Description/Justification for Capital and Operating**

Future Capital Projects (Water Treatment and Supply)

Fiscal Year 2018-19

- \$1,200,000 Northeast Ground Storage Tank Construction
- \$ 300,000 Northeast Ground Storage Tank engineering/design
- \$ 400,000 Deltona North WTP Upgrades

Fiscal Year 2019-20

\$1,000,000 Water Plant Process Upgrades

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Water Sewer Utilities	0	0	0	1,900,000	1,000,000	0	2,900,000	2,900,000
<b>Total Revenues:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,900,000</b>	<b>1,000,000</b>	<b>0</b>	<b>2,900,000</b>	<b>2,900,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Other	0	0	0	1,200,000	1,000,000	0	2,200,000	2,200,000
Engineering	0	0	0	700,000	0	0	700,000	700,000
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,900,000</b>	<b>1,000,000</b>	<b>0</b>	<b>2,900,000</b>	<b>2,900,000</b>

COUNTY OF VOLUSIA

Glen Abbey WTP Water Quality Improvement

Department: Public Works

Location:

CIP Category: Potable Water

Account Number: 457-780-4790

Description/Justification for Capital and Operating

To ensure compliance with regulatory requirements from changes in potable water quality monitoring standards, planned improvements will result in the reduction of certain disinfectant by-products and achievement of new water quality stands at Glen Abbey Water Treatment Plant.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Water Sewer Utilities	1,211,813	350,000	0	0	0	0	350,000	1,561,813
<b>Total Revenues:</b>	<b>1,211,813</b>	<b>350,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>350,000</b>	<b>1,561,813</b>

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Other	1,211,813	350,000	0	0	0	0	350,000	1,561,813
<b>Total Expenditures:</b>	<b>1,211,813</b>	<b>350,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>350,000</b>	<b>1,561,813</b>

**COUNTY OF VOLUSIA**

**Operations & Maintenance Capital Improvements**

Department: Public Works

Location: Various

CIP Category: Potable Water

Account Number: 457-780-4100

**Description/Justification for Capital and Operating**

Fiscal year 2016-17:

Southwest Regional Biosolid facility engineering; Water main replacement; Potable water interconnect engineering; Northwest Telemetry/SCADA; Rehabilitation of three wells per year; Water Plant Upgrades; Inflow/Infiltration - pipe slip lining/ manhole rehab; Groves effluent disposal engineering.

Fiscal years 2017-18 to 2020-21:

Lift Station Rehabilitation; Water main replacement; Rehabilitation of three wells per year; Water Plant Upgrades; Inflow/Infiltration - pipe slip lining/ manhole rehab.

**Project Reference**

None

**OPERATING IMPACT:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Capital Outlay	0	325,000	325,000	300,000	525,000	350,000	1,825,000	1,825,000
Operations/Maintenance	0	150,000	150,000	150,000	150,000	150,000	750,000	750,000
<b>Total Operating Impact:</b>	<b>0</b>	<b>475,000</b>	<b>475,000</b>	<b>450,000</b>	<b>675,000</b>	<b>500,000</b>	<b>2,575,000</b>	<b>2,575,000</b>

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Water Sewer Utilities	1,313,144	1,275,000	525,000	615,000	615,000	700,000	3,730,000	5,043,144
<b>Total Revenues:</b>	<b>1,313,144</b>	<b>1,275,000</b>	<b>525,000</b>	<b>615,000</b>	<b>615,000</b>	<b>700,000</b>	<b>3,730,000</b>	<b>5,043,144</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Engineering	21,051	550,000	0	0	0	0	550,000	571,051
Improvements Other Than Buildings	1,292,093	725,000	525,000	615,000	615,000	700,000	3,180,000	4,472,093
<b>Total Expenditures:</b>	<b>1,313,144</b>	<b>1,275,000</b>	<b>525,000</b>	<b>615,000</b>	<b>615,000</b>	<b>700,000</b>	<b>3,730,000</b>	<b>5,043,144</b>

**COUNTY OF VOLUSIA**  
**SW2 Water Quality Improvement**

Department: Public Works

Location: Westside

CIP Category: Potable Water

Account Number: 457-780-4480

**Description/Justification for Capital and Operating**

To ensure compliance with regulatory requirements resulting from changes in potable water quality monitoring standards, planned improvements will result in the reduction of certain disinfectant by-products and achievement of newer water quality standards at the Deltona North (SW2) Water Treatment Plant.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Water Sewer Utilities	192,234	150,000	0	0	0	0	150,000	342,234
<b>Total Revenues:</b>	<b>192,234</b>	<b>150,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>150,000</b>	<b>342,234</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Other	192,234	150,000	0	0	0	0	150,000	342,234
<b>Total Expenditures:</b>	<b>192,234</b>	<b>150,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>150,000</b>	<b>342,234</b>

**COUNTY OF VOLUSIA**

**Public Works - Road Program**

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Project Title</b>	<b>Prior Years</b>	<b>FY 2016-17 Year 1</b>	<b>FY 2017-18 Year 2</b>	<b>FY 2018-19 Year 3</b>	<b>FY 2019-20 Year 4</b>	<b>FY 2020-21 Year 5</b>	<b>Total Amount</b>
Advanced Permits & Engineering	577,540	500,000	500,000	500,000	500,000	500,000	3,077,540
Advanced Right of Way Acquisition	441,220	500,000	500,000	500,000	500,000	500,000	2,941,220
Beresford Ave - Blue Lake Ave to Kepler Rd	400,000	3,500,000	0	0	0	0	3,900,000
Bridge Repair Program	2,694,192	250,000	250,000	250,000	250,000	250,000	3,944,192
Countywide Safety Projects	2,867,245	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	7,867,245
Doyle Road Paved Shoulders - Providence Blvd. to Saxon Blvd.	0	1,469,890	0	0	0	0	1,469,890
Howland Blvd. - Courtland Blvd to SR415	2,162,208	10,734,141	0	0	0	0	12,896,349
Howland Blvd - Providence Blvd to Elkcam Blvd	0	750,000	2,500,000	9,850,000	1,000,000	0	14,100,000
Orange Camp Rd - MLK Blvd to I-4	170,812	9,876,290	0	0	0	0	10,047,102
Park Ave - Old Mission Rd to Massey Ranch Rd	403,317	2,680,000	3,000,000	0	0	0	6,083,317
South Williamson Boulevard Extension	800,000	15,000,000	0	0	0	0	15,800,000
Tenth St - Myrtle Ave to US 1	2,557,830	0	7,134,167	0	0	0	9,691,997
Traffic Signal Upgrade	1,491,399	700,000	700,000	700,000	700,000	700,000	4,991,399
Turnbull Bay Road Bridge Replacement over Turnbull Creek	1,050,951	8,836,828	0	0	0	0	9,887,779
Veterans Memorial Bridge	3,100,000	43,141,020	0	0	0	0	46,241,020
Veteran's Memorial Project	0	0	0	0	0	11,500	11,500
<b>TOTAL EXPENDITURES</b>	<b>18,716,714</b>	<b>98,938,169</b>	<b>15,584,167</b>	<b>12,800,000</b>	<b>3,950,000</b>	<b>2,961,500</b>	<b>152,950,550</b>

**COUNTY OF VOLUSIA**

**Public Works - Road Program**

**REVENUE SOURCE:**

<b>Project Title</b>	<b>Prior Years</b>	<b>FY 2016-17 Year 1</b>	<b>FY 2017-18 Year 2</b>	<b>FY 2018-19 Year 3</b>	<b>FY 2019-20 Year 4</b>	<b>FY 2020-21 Year 5</b>	<b>Total Amount</b>
Bond Funded Road Program	4,795,659	7,489,917	2,500,000	1,950,000	0	0	16,735,576
City of Deltona	0	3,156,602	0	0	0	0	3,156,602
City of Port Orange	0	500,000	0	0	0	0	500,000
County Transportation Trust	0	688,978	0	0	0	0	688,978
Donations	0	11,500	0	0	0	0	11,500
Federal Funds	4,150,951	51,288,870	0	0	0	0	55,439,821
FL DOT	0	6,192,774	0	0	0	0	6,192,774
Gas Tax-Local Option	9,274,913	6,476,989	10,284,167	10,850,000	3,950,000	2,950,000	43,786,069
Inkind	0	1,644,039	0	0	0	0	1,644,039
Loan Proceeds	0	9,000,000	0	0	0	0	9,000,000
Road Impact Fees Z4/NW	495,191	7,000,000	0	0	0	0	7,495,191
State Grant	0	5,500,000	2,800,000	0	0	0	8,300,000
<b>TOTAL REVENUES</b>	<b>18,716,714</b>	<b>98,949,669</b>	<b>15,584,167</b>	<b>12,800,000</b>	<b>3,950,000</b>	<b>2,950,000</b>	<b>152,950,550</b>

COUNTY OF VOLUSIA

**Advanced Permits & Engineering**

Department: Public Works

Location: Various - TBD

CIP Category: Road Program

Account Number: 103-790-4700

**Description/Justification for Capital and Operating**

Costs associated with engineering and permitting for unanticipated minor roadway improvements that need to be addressed.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Gas Tax-Local Option	577,540	500,000	500,000	500,000	500,000	500,000	2,500,000	3,077,540
<b>Total Revenues:</b>	<b>577,540</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>2,500,000</b>	<b>3,077,540</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Engineering	577,540	500,000	500,000	500,000	500,000	500,000	2,500,000	3,077,540
<b>Total Expenditures:</b>	<b>577,540</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>2,500,000</b>	<b>3,077,540</b>

**COUNTY OF VOLUSIA**  
**Advanced Right of Way Acquisition**

Department: Public Works

Location: Various - TBD

CIP Category: Road Program

Account Number: 103-790-4500

**Description/Justification for Capital and Operating**

To fund advanced right of way purchases for projects programmed in future years.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Gas Tax-Local Option	441,220	500,000	500,000	500,000	500,000	500,000	2,500,000	2,941,220
<b>Total Revenues:</b>	<b>441,220</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>2,500,000</b>	<b>2,941,220</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Right of Way	441,220	500,000	500,000	500,000	500,000	500,000	2,500,000	2,941,220
<b>Total Expenditures:</b>	<b>441,220</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>2,500,000</b>	<b>2,941,220</b>

**COUNTY OF VOLUSIA**

**Beresford Ave - Blue Lake Ave to Kepler Rd**

Department: Public Works

Location: DeLand

CIP Category: Road Program

Account Number: 134-710-8804

**Description/Justification for Capital and Operating**

Beresford Avenue - Blue Lake Avenue to Kepler Road - two laning project

**Project Reference**

Capital Project Schedule: PW-ENG-5779

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Road Impact Fees Z4/NW	400,000	3,500,000	0	0	0	0	3,500,000	3,900,000
<b>Total Revenues:</b>	<b>400,000</b>	<b>3,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,500,000</b>	<b>3,900,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Projects	0	3,500,000	0	0	0	0	3,500,000	3,500,000
Design	400,000	0	0	0	0	0	0	400,000
<b>Total Expenditures:</b>	<b>400,000</b>	<b>3,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,500,000</b>	<b>3,900,000</b>

**COUNTY OF VOLUSIA**  
**Bridge Repair Program**

Department: Public Works

Location: Various Locations

CIP Category: Road Program

Account Number: 103-710-9011

**Description/Justification for Capital and Operating**

Capital improvement repairs to bridges, primarily to the three bascule bridges located in Daytona Beach and Ormond Beach. Repairs are done on an as needed basis.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Gas Tax-Local Option	2,694,192	250,000	250,000	250,000	250,000	250,000	1,250,000	3,944,192
<b>Total Revenues:</b>	<b>2,694,192</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>1,250,000</b>	<b>3,944,192</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Other	14,810	0	0	0	0	0	0	14,810
Construction Projects	2,268,798	200,000	200,000	200,000	200,000	200,000	1,000,000	3,268,798
Engineering	410,584	50,000	50,000	50,000	50,000	50,000	250,000	660,584
<b>Total Expenditures:</b>	<b>2,694,192</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>1,250,000</b>	<b>3,944,192</b>

**COUNTY OF VOLUSIA**  
**Countywide Safety Projects**

Department: Public Works

Location: Various - To Be Determined

CIP Category: Road Program

Account Number: 103-790-4400

**Description/Justification for Capital and Operating**

Countywide safety related projects to be determined. Typically these projects include but not limited to improvements at intersections, paved shoulders, and turn lanes.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Gas Tax-Local Option	2,867,245	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000	7,867,245
<b>Total Revenues:</b>	<b>2,867,245</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>5,000,000</b>	<b>7,867,245</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Projects	2,867,245	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000	7,867,245
<b>Total Expenditures:</b>	<b>2,867,245</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>5,000,000</b>	<b>7,867,245</b>

**COUNTY OF VOLUSIA**

**Doyle Road Paved Shoulders - Providence Blvd. to Saxon Blvd.**

Department: Public Works

Location: Deltona

CIP Category: Road Program

Account Number: 103-790-4400

**Description/Justification for Capital and Operating**

Widen lanes to 12 feet, add 5 foot paved shoulders, and replace 3 cross culverts.

**Project Reference**

PW-ENG-57

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
FL DOT	0	1,322,901	0	0	0	0	1,322,901	1,322,901
Gas Tax-Local Option	0	146,989	0	0	0	0	146,989	146,989
<b>Total Revenues:</b>	<b>0</b>	<b>1,469,890</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,469,890</b>	<b>1,469,890</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Projects	0	1,469,890	0	0	0	0	1,469,890	1,469,890
<b>Total Expenditures:</b>	<b>0</b>	<b>1,469,890</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,469,890</b>	<b>1,469,890</b>

**COUNTY OF VOLUSIA**

**Howland Blvd. - Courtland Blvd to SR415**

Department: Public Works

Location: Deltona

CIP Category: Road Program

Account Number: 334-710-8619

**Description/Justification for Capital and Operating**

Howland Blvd - Courtland Blvd to SR415 four-laning, stormwater improvements, and city utility improvements.

**Project Reference**

Capital Project Schedule: PW-ENG-5239

**REVENUE SOURCE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Bond Funded Road Program	2,162,208	1,063,627	0	0	0	0	1,063,627	3,225,835
City of Deltona	0	3,156,602	0	0	0	0	3,156,602	3,156,602
FL DOT	0	4,869,873	0	0	0	0	4,869,873	4,869,873
Inkind	0	1,644,039	0	0	0	0	1,644,039	1,644,039
<b>Total Revenues:</b>	<b>2,162,208</b>	<b>10,734,141</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,734,141</b>	<b>12,896,349</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Construction Projects	512,558	10,734,141	0	0	0	0	10,734,141	11,246,699
Engineering	1,131,698	0	0	0	0	0	0	1,131,698
Right of Way	517,952	0	0	0	0	0	0	517,952
<b>Total Expenditures:</b>	<b>2,162,208</b>	<b>10,734,141</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,734,141</b>	<b>12,896,349</b>

**COUNTY OF VOLUSIA**

**Howland Blvd - Providence Blvd to Elkcam Blvd**

Department: Public Works

Location: Deltona

CIP Category: Road Program

Account Number: 103-710-9999

**Description/Justification for Capital and Operating**

Howland Blvd - Providence Blvd to Elkcam Blvd four-laning.

**Project Reference**

Capital Project Schedule: PW-ENG-5240

**REVENUE SOURCE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Bond Funded Road Program	0	750,000	2,500,000	1,950,000	0	0	5,200,000	5,200,000
Gas Tax-Local Option	0	0	0	7,900,000	1,000,000	0	8,900,000	8,900,000
<b>Total Revenues:</b>	<b>0</b>	<b>750,000</b>	<b>2,500,000</b>	<b>9,850,000</b>	<b>1,000,000</b>	<b>0</b>	<b>14,100,000</b>	<b>14,100,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Construction Projects	0	0	0	9,850,000	1,000,000	0	10,850,000	10,850,000
Engineering	0	750,000	0	0	0	0	750,000	750,000
Right of Way	0	0	2,500,000	0	0	0	2,500,000	2,500,000
<b>Total Expenditures:</b>	<b>0</b>	<b>750,000</b>	<b>2,500,000</b>	<b>9,850,000</b>	<b>1,000,000</b>	<b>0</b>	<b>14,100,000</b>	<b>14,100,000</b>

**COUNTY OF VOLUSIA**  
**Orange Camp Rd - MLK Blvd to I-4**

Department: Public Works

Location: DeLand

CIP Category: Road Program

Account Number: 334-710-8906

**Description/Justification for Capital and Operating**

The scope of work for this project is four laning Orange Camp Road from the proposed I-4 Frontage Road to Martin Luther King Boulevard, a distance of 0.8 miles. The project also includes construction of a 400-foot long segment of the I-4 Frontage as required by the Right-of-Way Purchase Agreement.

**Project Reference**

Capital Project Schedule: PW-ENG-5395

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Bond Funded Road Program	75,621	5,676,290	0	0	0	0	5,676,290	5,751,911
Gas Tax-Local Option	0	700,000	0	0	0	0	700,000	700,000
Road Impact Fees Z4/NW	95,191	3,500,000	0	0	0	0	3,500,000	3,595,191
<b>Total Revenues:</b>	<b>170,812</b>	<b>9,876,290</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,876,290</b>	<b>10,047,102</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Projects	0	9,176,290	0	0	0	0	9,176,290	9,176,290
Engineering	165,080	700,000	0	0	0	0	700,000	865,080
Right of Way	5,732	0	0	0	0	0	0	5,732
<b>Total Expenditures:</b>	<b>170,812</b>	<b>9,876,290</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,876,290</b>	<b>10,047,102</b>

**COUNTY OF VOLUSIA**

**Park Ave - Old Mission Rd to Massey Ranch Rd**

Department: Public Works

Location: Edgewater

CIP Category: Road Program

Account Number: 103-790-8300

**Description/Justification for Capital and Operating**

West Park Avenue from Old Mission Road to Massey Ranch Road in Edgewater, some additional Right-of-Way acquisition will be required for roadway and stormwater improvements (by donation), widen 2-lane road to 3-lane road with center turn lane, add paved shoulders, additional stormwater management.

**Project Reference**

Capital Project Schedule: PW-ENG-5712

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Gas Tax-Local Option	403,317	2,680,000	3,000,000	0	0	0	5,680,000	6,083,317
<b>Total Revenues:</b>	<b>403,317</b>	<b>2,680,000</b>	<b>3,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,680,000</b>	<b>6,083,317</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Projects	0	2,680,000	3,000,000	0	0	0	5,680,000	5,680,000
Design	403,317	0	0	0	0	0	0	403,317
<b>Total Expenditures:</b>	<b>403,317</b>	<b>2,680,000</b>	<b>3,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,680,000</b>	<b>6,083,317</b>

**COUNTY OF VOLUSIA**

**South Williamson Boulevard Extension**

Department: Public Works

Location: Port Orange

CIP Category: Road Program

Account Number: 794-710-8124

**Description/Justification for Capital and Operating**

On May 18, 2006, the county council approved an agreement between Volusia County and Interwest Construction, Inc. (ICI) for the widening and extension of south Williamson Boulevard in Port Orange. The proposed road begins just south of the Airport Road intersection and extends south through the planned Woodhaven development to an intersection with Pioneer Trail, a total distance of 2.6 miles. The extension is to be constructed as a four lane arterial with a grassed median plus curbs and gutters, bike lanes, sidewalks and other improvements. The existing two lane segment is to be reconstructed and widened with the same features. The agreement was subsequently amended on February 9, 2012 and again on September 12, 2012 with a maximum expenditure of \$9.8 millions. Of the total county funding of \$9.8M. The county has expended \$800,000 for engineering and design. The remaining \$9,000,000 will come from loan proceeds to be repaid from Local Option Gas Tax (LOGT) with approximately \$1.1M annually for debt service over 10 years. A Transportation Regional Incentive Program (TRIP) grant of \$5,500,000 was awarded on May 8, 2015. An additional \$500,000 has been committed by the City of Port Orange for an in-kind contribution of mitigation credits.

**Project Reference**

Capital Project Schedule: PW-ENG-4740-3

**REVENUE SOURCE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
City of Port Orange	0	500,000	0	0	0	0	500,000	500,000
Gas Tax-Local Option	800,000	0	0	0	0	0	0	800,000
Loan Proceeds	0	9,000,000	0	0	0	0	9,000,000	9,000,000
State Grant	0	5,500,000	0	0	0	0	5,500,000	5,500,000
<b>Total Revenues:</b>	<b>800,000</b>	<b>15,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15,000,000</b>	<b>15,800,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Construction Projects	0	15,000,000	0	0	0	0	15,000,000	15,000,000
Design	800,000	0	0	0	0	0	0	800,000
<b>Total Expenditures:</b>	<b>800,000</b>	<b>15,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15,000,000</b>	<b>15,800,000</b>

**COUNTY OF VOLUSIA**  
**Tenth St - Myrtle Ave to US 1**

Department: Public Works

Location: New Smyrna Beach

CIP Category: Road Program

Account Number: 334-710-8402

**Description/Justification for Capital and Operating**

On May 7, 2009, County Council approved the grant agreement and it was awarded on May 26, 2009. The contract # is APH96. Florida Department of Transportation (FDOT) award for \$2,800,000 to widen Tenth Street from Myrtle Avenue to US 1 in New Smyrna Beach. Engineering and right of way acquisition has been completed, construction is estimated to be completed in fiscal year 2017-18.

**Project Reference**

On May 7, 2009, County Council approved the grant agreement and it was awarded on May 26, 2009. The contract # is APH96 and the award amount \$2,800,000.

Capital Project Schedule: PW-ENG-5061

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Bond Funded Road Program	2,557,830	0	0	0	0	0	0	2,557,830
Gas Tax-Local Option	0	0	4,334,167	0	0	0	4,334,167	4,334,167
State Grant	0	0	2,800,000	0	0	0	2,800,000	2,800,000
<b>Total Revenues:</b>	<b>2,557,830</b>	<b>0</b>	<b>7,134,167</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,134,167</b>	<b>9,691,997</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Projects	175,262	0	7,134,167	0	0	0	7,134,167	7,309,429
Engineering	1,150,280	0	0	0	0	0	0	1,150,280
Right of Way	1,232,288	0	0	0	0	0	0	1,232,288
<b>Total Expenditures:</b>	<b>2,557,830</b>	<b>0</b>	<b>7,134,167</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,134,167</b>	<b>9,691,997</b>

**COUNTY OF VOLUSIA**  
**Traffic Signal Upgrade**

Department: Public Works

Location: Various - To Be Determined

CIP Category: Road Program

Account Number: 103-770-2502

**Description/Justification for Capital and Operating**

Upgrade traffic signals at intersections of various county maintained roads.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Gas Tax-Local Option	1,491,399	700,000	700,000	700,000	700,000	700,000	3,500,000	4,991,399
<b>Total Revenues:</b>	<b>1,491,399</b>	<b>700,000</b>	<b>700,000</b>	<b>700,000</b>	<b>700,000</b>	<b>700,000</b>	<b>3,500,000</b>	<b>4,991,399</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Projects	1,491,399	700,000	700,000	700,000	700,000	700,000	3,500,000	4,991,399
<b>Total Expenditures:</b>	<b>1,491,399</b>	<b>700,000</b>	<b>700,000</b>	<b>700,000</b>	<b>700,000</b>	<b>700,000</b>	<b>3,500,000</b>	<b>4,991,399</b>

**COUNTY OF VOLUSIA**

**Turnbull Bay Road Bridge Replacement over Turnbull Creek**

Department: Public Works

Location: New Smyrna Beach

CIP Category: Road Program

Account Number: 745-710-1049

**Description/Justification for Capital and Operating**

Replace bridge on Turnbull Bay Road over Turnbull Creek, located 1.9 miles west of US 1 in New Smyrna Beach. The project length is approximately 1,180 feet long (including the proposed 220 foot long bridge). Right of way phase and design phase were completed with federal highway grant funds, total cost for the two phases was \$796,7771. Construction is estimated to be completed by the first quarter of fiscal year 2017-18.

**Project Reference**

On September 8, 2011, County Council approved the grant agreement and it was awarded on November 10, 2011. The contract # is AQI21 and the award amount \$575,951. This grant award is for the designing of Turnbull Bay Road over Turnbull Creek (Bridge Replacement). On September 10, 2015, County Council approved a supplemental grant award of \$8,000, bringing the total grant amount to \$583,305.

On September 22, 2011, County Council approved the grant agreement and it was awarded on November 9, 2011. The contract # is AQI22 and the award amount \$467,000. This grant award is for acquisition of right-of-way of Turnbull Bay Road over Turnbull Creek (Bridge Replacement).

On January 7, 2016, County Council approved the grant agreement for construction, and contract #G0B26 was awarded on May 20, 2016. The award amount is \$5,426,434, with a local match from the County Transportation Trust of \$477,828.

On November 3, 2016 the County Council approved a supplemental funding agreement for an increased grant amount of \$2,721,416 which raised the total for the construction contract to \$8,359,000. The Council awarded the construction contract to Leware Construction Co. for that revised amount at the same meeting.

Capital Project Schedule: PW-ENG-5634

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
County Transportation Trust	0	688,978	0	0	0	0	688,978	688,978
Federal Funds	1,050,951	8,147,850	0	0	0	0	8,147,850	9,198,801
<b>Total Revenues:</b>	<b>1,050,951</b>	<b>8,836,828</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,836,828</b>	<b>9,887,779</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Projects	0	8,836,828	0	0	0	0	8,836,828	8,836,828
Design	583,951	0	0	0	0	0	0	583,951
Right of Way	467,000	0	0	0	0	0	0	467,000
<b>Total Expenditures:</b>	<b>1,050,951</b>	<b>8,836,828</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,836,828</b>	<b>9,887,779</b>

**COUNTY OF VOLUSIA**  
**Veterans Memorial Bridge**

Department: Public Works

Location: Daytona Beach

CIP Category: Road Program

Account Number: 745-710-1046

**Description/Justification for Capital and Operating**

Replacement of Veterans Memorial Bridge. The Florida Department of Transportation (FDOT) approved a \$3,100,000 federal grant with no local match requirement to perform the engineering design of the new bridge. The FDOT has awarded \$38,995,000 for construction and \$3,850,000 for construction engineering inspections (CEI) on June 25, 2015. They also awarded additional post CEI funds in the amount of \$1,297,950 on August 5, 2015. Total agreement amount awarded is \$44,142,950.

**Project Reference**

On May 19, 2011, County Council approved the grant agreement and it was awarded on February 14, 2012. The contract # is AQK94 and award amount \$3,100,000.

On May 7, 2015, County Council approved the grant agreement and it was awarded on June 25, 2015. The supplemental went to council on July 16, 2015 and was awarded on August 5, 2015. The contract # is G0256 and total award amount \$44,142,950. This contract runs through June 25, 2020.

On June 16, 2016, County Council approved a revision to the grant agreement because the actual construction bid was lower than estimated. The new agreement has a maximum grant total of \$43,141,020.

Capital Project Schedule: PW-ENG-5351-1

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Federal Funds	3,100,000	43,141,020	0	0	0	0	43,141,020	46,241,020
<b>Total Revenues:</b>	<b>3,100,000</b>	<b>43,141,020</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>43,141,020</b>	<b>46,241,020</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Projects	0	43,141,020	0	0	0	0	43,141,020	43,141,020
Design	3,100,000	0	0	0	0	0	0	3,100,000
<b>Total Expenditures:</b>	<b>3,100,000</b>	<b>43,141,020</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>43,141,020</b>	<b>46,241,020</b>

**COUNTY OF VOLUSIA**  
**Veteran's Memorial Project**

Department: Public Works

Location:

CIP Category: Road Program

Account Number: 377-710-1046

**Description/Justification for Capital and Operating**

Donations are being accepted into this project for the purpose of constructing a memorial for veterans on the Tom Staed Veterans Memorial Bridge.

**Project Reference**

Replacement of Veterans Memorial Bridge

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Donations	0	11,500	0	0	0	0	11,500	11,500
<b>Total Revenues:</b>	<b>0</b>	<b>11,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11,500</b>	<b>11,500</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Projects	0	0	0	0	0	11,500	11,500	11,500
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11,500</b>	<b>11,500</b>	<b>11,500</b>

**COUNTY OF VOLUSIA**

**Public Works - Solid Waste**

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Project Title</b>	<b>Prior Years</b>	<b>FY 2016-17 Year 1</b>	<b>FY 2017-18 Year 2</b>	<b>FY 2018-19 Year 3</b>	<b>FY 2019-20 Year 4</b>	<b>FY 2020-21 Year 5</b>	<b>Total Amount</b>
Class III Design Change	0	0	0	500,000	0	0	500,000
Landfill Gas Expansion/System Upgrades	6,525,177	550,000	650,000	350,000	350,000	300,000	8,725,177
Landfill Improvements	1,755,434	120,000	0	90,500	0	0	1,965,934
North Cell Construction	0	450,000	5,399,000	0	0	0	5,849,000
Southeast Area Cell Design	234,902	185,000	300,000	0	400,000	50,000	1,169,902
Tomoka Farms Road Landfill (TFRL) Southwest Facility	0	2,000,000	0	0	0	0	2,000,000
<b>TOTAL EXPENDITURES</b>	<b>8,515,513</b>	<b>3,305,000</b>	<b>6,349,000</b>	<b>940,500</b>	<b>750,000</b>	<b>350,000</b>	<b>20,210,013</b>

**REVENUE SOURCE:**

<b>Project Title</b>	<b>Prior Years</b>	<b>FY 2016-17 Year 1</b>	<b>FY 2017-18 Year 2</b>	<b>FY 2018-19 Year 3</b>	<b>FY 2019-20 Year 4</b>	<b>FY 2020-21 Year 5</b>	<b>Total Amount</b>
User Fees Solid Waste	8,515,513	3,305,000	6,349,000	940,500	750,000	350,000	20,210,013
<b>TOTAL REVENUES</b>	<b>8,515,513</b>	<b>3,305,000</b>	<b>6,349,000</b>	<b>940,500</b>	<b>750,000</b>	<b>350,000</b>	<b>20,210,013</b>

**COUNTY OF VOLUSIA**

**Class III Design Change**

Department: Public Works

Location: Tomoka Landfill

CIP Category: Solid Waste

Account Number: 450-760-5000

**Description/Justification for Capital and Operating**

Design change for the Class III area at the Tomoka Landfill. This project includes a new grading plan for the Class III landfill at Tomoka Farms Road Landfill (TFRLF) to increase capacity and improve the primary and secondary stormwater system. The project will include obtaining approval from the Florida Department of Environmental Protection (FDEP) for modification of the Environmental Resource Permit (ERP) to collect and dispose of the stormwater run-off.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
User Fees Solid Waste	0	0	0	500,000	0	0	500,000	500,000
<b>Total Revenues:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>500,000</b>	<b>500,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Projects	0	0	0	500,000	0	0	500,000	500,000
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>500,000</b>	<b>500,000</b>

COUNTY OF VOLUSIA

Landfill Gas Expansion/System Upgrades

Department: Public Works

Location: Tomoka Landfill

CIP Category: Solid Waste

Account Number: 450-760-5120

Description/Justification for Capital and Operating

As cell areas are constructed, expansion of the landfill gas system is required per Environmental Protection Agency (EPA) Title V permit requirements. Project includes expansion of infrastructure to include trenching, pipe, wells, pumps and blowers necessary to meet federal air quality standards for methane.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
User Fees Solid Waste	6,525,177	550,000	650,000	350,000	350,000	300,000	2,200,000	8,725,177
<b>Total Revenues:</b>	<b>6,525,177</b>	<b>550,000</b>	<b>650,000</b>	<b>350,000</b>	<b>350,000</b>	<b>300,000</b>	<b>2,200,000</b>	<b>8,725,177</b>

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Projects	5,759,218	500,000	600,000	300,000	300,000	300,000	2,000,000	7,759,218
Engineering	765,959	50,000	50,000	50,000	50,000	0	200,000	965,959
<b>Total Expenditures:</b>	<b>6,525,177</b>	<b>550,000</b>	<b>650,000</b>	<b>350,000</b>	<b>350,000</b>	<b>300,000</b>	<b>2,200,000</b>	<b>8,725,177</b>

**COUNTY OF VOLUSIA**  
**Landfill Improvements**

Department: Public Works

Location: Tomoka Landfill and West Side Transfer Station

CIP Category: Solid Waste

Account Number: 450-760-5000

**Description/Justification for Capital and Operating**

Funding for life-cycle replacement of scales and other landfill improvements.

Fiscal year 2016-17 is for canopies for Household Hazardous Waste area.

Fiscal year 2018-19 replacement of truck scales at the Tomoka Farms Road Landfill and West Volusia Transfer Station.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
User Fees Solid Waste	1,755,434	120,000	0	90,500	0	0	210,500	1,965,934
<b>Total Revenues:</b>	<b>1,755,434</b>	<b>120,000</b>	<b>0</b>	<b>90,500</b>	<b>0</b>	<b>0</b>	<b>210,500</b>	<b>1,965,934</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Buildings and Structures	0	120,000	0	0	0	0	120,000	120,000
Improvements Other Than Buildings	1,755,434	0	0	90,500	0	0	90,500	1,845,934
<b>Total Expenditures:</b>	<b>1,755,434</b>	<b>120,000</b>	<b>0</b>	<b>90,500</b>	<b>0</b>	<b>0</b>	<b>210,500</b>	<b>1,965,934</b>

**COUNTY OF VOLUSIA**  
**North Cell Construction**

Department: Public Works

Location: Tomoka Landfill

CIP Category: Solid Waste

Account Number: 450-760-5120

**Description/Justification for Capital and Operating**

Construction level engineering design for the remaining 13 acres of the North Cell (Area 4) in fiscal year 2016-17. In fiscal year 2017-18, construction of the final 13 acres of the north cell (Area 4) to ensure future landfill capacity, with CQA engineering services.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
User Fees Solid Waste	0	450,000	5,399,000	0	0	0	5,849,000	5,849,000
<b>Total Revenues:</b>	<b>0</b>	<b>450,000</b>	<b>5,399,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,849,000</b>	<b>5,849,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Projects	0	0	5,200,000	0	0	0	5,200,000	5,200,000
Engineering	0	450,000	199,000	0	0	0	649,000	649,000
<b>Total Expenditures:</b>	<b>0</b>	<b>450,000</b>	<b>5,399,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,849,000</b>	<b>5,849,000</b>

**COUNTY OF VOLUSIA**  
**Southeast Area Cell Design**

Department: Public Works

Location: Tomoka Landfill

CIP Category: Solid Waste

Account Number: 450-760-5120

**Description/Justification for Capital and Operating**

Funding for the design of the future south east cell area; to include design sub-surface investigation and wetland permitting

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
User Fees Solid Waste	234,902	185,000	300,000	0	400,000	50,000	935,000	1,169,902
<b>Total Revenues:</b>	<b>234,902</b>	<b>185,000</b>	<b>300,000</b>	<b>0</b>	<b>400,000</b>	<b>50,000</b>	<b>935,000</b>	<b>1,169,902</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Engineering	234,902	185,000	300,000	0	400,000	50,000	935,000	1,169,902
<b>Total Expenditures:</b>	<b>234,902</b>	<b>185,000</b>	<b>300,000</b>	<b>0</b>	<b>400,000</b>	<b>50,000</b>	<b>935,000</b>	<b>1,169,902</b>

**COUNTY OF VOLUSIA**

**Tomoka Farms Road Landfill (TFRL) Southwest Facility**

Department: Public Works

Location: Tomoka Landfill

CIP Category: Solid Waste

Account Number: 450-760-5000

**Description/Justification for Capital and Operating**

Funding for the construction and engineering construction oversight for the new Operations Center at the Tomoka Farms Road Landfill. Design costs are not included in the project total.

**Project Reference**

Capital Project Schedule: PW-SW-2

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
User Fees Solid Waste	0	2,000,000	0	0	0	0	2,000,000	2,000,000
<b>Total Revenues:</b>	<b>0</b>	<b>2,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,000,000</b>	<b>2,000,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Projects	0	2,000,000	0	0	0	0	2,000,000	2,000,000
Design	0	0	0	0	0	0	0	0
<b>Total Expenditures:</b>	<b>0</b>	<b>2,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,000,000</b>	<b>2,000,000</b>

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**COUNTY OF VOLUSIA**

**Public Works - Stormwater - Water Quality**

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Project Title</b>	<b>Prior Years</b>	<b>FY 2016-17 Year 1</b>	<b>FY 2017-18 Year 2</b>	<b>FY 2018-19 Year 3</b>	<b>FY 2019-20 Year 4</b>	<b>FY 2020-21 Year 5</b>	<b>Total Amount</b>
Gabordy Basin / Elizabeth Street Improvements	0	50,000	0	0	0	0	50,000
Gemini Springs	0	700,000	0	0	0	0	700,000
Land Acquisition	217,028	200,000	200,000	200,000	200,000	200,000	1,217,028
Local Projects	3,982,486	600,000	600,000	500,000	400,000	400,000	6,482,486
McGarity Basin Outfall Improvements	166,518	0	0	0	0	50,000	216,518
Mosquito Lagoon Reasonable Assurance Plan	67,526	0	400,000	0	0	0	467,526
N Peninsula SW Improvements	2,223,521	500,000	320,000	370,000	300,000	0	3,713,521
Rio Way Retention Pond	3,855,963	700,000	0	0	0	0	4,555,963
Spruce Creek Sub Basin/B-21 Improvements	0	0	0	0	0	50,000	50,000
St. Johns River Basin Planning and Management	0	250,000	0	150,000	150,000	0	550,000
TMDL Program Assessments Implementation	297,671	300,000	0	0	0	0	597,671
Tomoka View Estates	0	0	0	0	0	50,000	50,000
Volusia Retention Pond	12,897	100,000	100,000	0	100,000	0	312,897
Wilbur by the Sea Drainage Improvements	46,681	520,000	0	0	0	0	566,681
<b>TOTAL EXPENDITURES</b>	<b>10,870,291</b>	<b>3,920,000</b>	<b>1,620,000</b>	<b>1,220,000</b>	<b>1,150,000</b>	<b>750,000</b>	<b>19,530,291</b>

**REVENUE SOURCE:**

<b>Project Title</b>	<b>Prior Years</b>	<b>FY 2016-17 Year 1</b>	<b>FY 2017-18 Year 2</b>	<b>FY 2018-19 Year 3</b>	<b>FY 2019-20 Year 4</b>	<b>FY 2020-21 Year 5</b>	<b>Total Amount</b>
Federal Funds	2,935,058	0	0	0	0	0	2,935,058
Stormwater Assessment	7,935,233	3,920,000	1,620,000	1,220,000	1,150,000	750,000	16,595,233
<b>TOTAL REVENUES</b>	<b>10,870,291</b>	<b>3,920,000</b>	<b>1,620,000</b>	<b>1,220,000</b>	<b>1,150,000</b>	<b>750,000</b>	<b>19,530,291</b>

**COUNTY OF VOLUSIA**

**Gabordy Basin / Elizabeth Street Improvements**

Department: Public Works

Location: New Smyrna Beach

CIP Category: Stormwater - Water Quality

Account Number: 159-751-2480

**Description/Justification for Capital and Operating**

This project includes the construction of a retention pond on an eight acre parcel located on Elizabeth Street which was purchased by the County in December 2002. Project goals are to reduce localized flooding and provide water quality treatment.

**Project Reference**

None

**REVENUE SOURCE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Stormwater Assessment	0	50,000	0	0	0	0	50,000	50,000
<b>Total Revenues:</b>	<b>0</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Construction Projects	0	0	0	0	0	0	0	0
Engineering	0	50,000	0	0	0	0	50,000	50,000
<b>Total Expenditures:</b>	<b>0</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>

**COUNTY OF VOLUSIA**

**Gemini Springs**

Department: Public Works

Location: DeBary

CIP Category: Stormwater - Water Quality

Account Number: 159-751-2540

**Description/Justification for Capital and Operating**

A recently completed study of Gemini Springs Water Quality Improvement Project included the evaluation of five stormwater outfalls to recommend treatment of the stormwater prior to discharge to Gemini Springs Park. This project included the installation of stormwater treatment boxes on two of the outfalls. Public Works is seeking grant funds to provide a match for the construction costs.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Stormwater Assessment	0	700,000	0	0	0	0	700,000	700,000
<b>Total Revenues:</b>	<b>0</b>	<b>700,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>700,000</b>	<b>700,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Projects	0	700,000	0	0	0	0	700,000	700,000
Engineering	0	0	0	0	0	0	0	0
<b>Total Expenditures:</b>	<b>0</b>	<b>700,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>700,000</b>	<b>700,000</b>

**COUNTY OF VOLUSIA**

**Land Acquisition**

Department: Public Works

Location: Various - To Be Determined

CIP Category: Stormwater - Water Quality

Account Number: 159-751-9100

**Description/Justification for Capital and Operating**

Funding for land purchase of unidentified flood mitigation and water quality improvement areas.

**Project Reference**

None

**REVENUE SOURCE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Stormwater Assessment	217,028	200,000	200,000	200,000	200,000	200,000	1,000,000	1,217,028
<b>Total Revenues:</b>	<b>217,028</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>1,000,000</b>	<b>1,217,028</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Acquisition Costs	217,028	200,000	200,000	200,000	200,000	200,000	1,000,000	1,217,028
<b>Total Expenditures:</b>	<b>217,028</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>1,000,000</b>	<b>1,217,028</b>

**COUNTY OF VOLUSIA**

**Local Projects**

Department: Public Works

Location: Various - To Be Determined

CIP Category: Stormwater - Water Quality

Account Number: 159-751-7140

**Description/Justification for Capital and Operating**

These projects are comprised of generally smaller scope efforts, usually identified as short term (one year or less) engineering/ permitting/construction time frame. Many of these consist of infrastructure improvements, and unforeseen contingencies as a result of failure during storm events.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Stormwater Assessment	3,982,486	600,000	600,000	500,000	400,000	400,000	2,500,000	6,482,486
<b>Total Revenues:</b>	<b>3,982,486</b>	<b>600,000</b>	<b>600,000</b>	<b>500,000</b>	<b>400,000</b>	<b>400,000</b>	<b>2,500,000</b>	<b>6,482,486</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Projects	3,982,486	600,000	600,000	500,000	400,000	400,000	2,500,000	6,482,486
<b>Total Expenditures:</b>	<b>3,982,486</b>	<b>600,000</b>	<b>600,000</b>	<b>500,000</b>	<b>400,000</b>	<b>400,000</b>	<b>2,500,000</b>	<b>6,482,486</b>

COUNTY OF VOLUSIA

McGarity Basin Outfall Improvements

Department: Public Works

Location: Deltona

CIP Category: Stormwater - Water Quality

Account Number: 159-751-2490

Description/Justification for Capital and Operating

Previous projects in the McGarity basin include the reconstruction of a control structure on Lake Sidney/Lake Diane which controls flood waters in the basin. Future projects include the replacement of undersized culverts downstream of Lake Diane.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Stormwater Assessment	166,518	0	0	0	0	50,000	50,000	216,518
<b>Total Revenues:</b>	<b>166,518</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>	<b>216,518</b>

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Projects	166,518	0	0	0	0	0	0	166,518
Engineering	0	0	0	0	0	50,000	50,000	50,000
<b>Total Expenditures:</b>	<b>166,518</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>	<b>216,518</b>

COUNTY OF VOLUSIA

Mosquito Lagoon Reasonable Assurance Plan

Department: Public Works

Location: New Smyrna Beach/Edgewater/Oak Hill

CIP Category: Stormwater - Water Quality

Account Number: 159-751-2530

Description/Justification for Capital and Operating

The development of a Reasonable Assurance Plan (RAP) is a process that can be undertaken to improve a water body where a Total Maximum Daily Load (TMDL) has not been established. The RAP will provide more local control over development and implementation of prevention and restoration activities for the Mosquito Lagoon. The RAP will also make grant funding more available.

Project Reference

None

REVENUE SOURCE:

Table with 9 columns: Budget Object Name, Prior Years, FY 2016-17, FY 2017-18, FY 2018-19, FY 2019-20, FY 2020-21, Total Years 1-5, Total Amount. Rows include Stormwater Assessment and Total Revenues.

CAPITAL IMPROVEMENT EXPENDITURE:

Table with 9 columns: Budget Object Name, Prior Years, FY 2016-17, FY 2017-18, FY 2018-19, FY 2019-20, FY 2020-21, Total Years 1-5, Total Amount. Rows include Construction Projects, Engineering, and Total Expenditures.

**COUNTY OF VOLUSIA**  
**N Peninsula SW Improvements**

Department: Public Works

Location: Ormond by the Sea

CIP Category: Stormwater - Water Quality

Account Number: 159-751-2280

**Description/Justification for Capital and Operating**

Ormond by the Sea and the North Peninsula area are older areas with deteriorating drainage facilities, areas of flooding and limited water quality treatment facilities. Projects include the replacement of deteriorated storm drainage piping, installation of exfiltration trenches, upgrade of outfalls and the installation of water quality treatment boxes.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Stormwater Assessment	2,223,521	500,000	320,000	370,000	300,000	0	1,490,000	3,713,521
<b>Total Revenues:</b>	<b>2,223,521</b>	<b>500,000</b>	<b>320,000</b>	<b>370,000</b>	<b>300,000</b>	<b>0</b>	<b>1,490,000</b>	<b>3,713,521</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Projects	2,223,521	500,000	320,000	370,000	300,000	0	1,490,000	3,713,521
<b>Total Expenditures:</b>	<b>2,223,521</b>	<b>500,000</b>	<b>320,000</b>	<b>370,000</b>	<b>300,000</b>	<b>0</b>	<b>1,490,000</b>	<b>3,713,521</b>

**COUNTY OF VOLUSIA**  
**Rio Way Retention Pond**

Department: Public Works

Location: Holly Hill

CIP Category: Stormwater - Water Quality

Account Number: 159-751-2590

**Description/Justification for Capital and Operating**

The Rio Way Regional Retention Pond Project is a continuation of the project completed in 2014 to purchase and demolish 21 flood prone homes on Rio Way. The project will add capacity to the stormwater conveyance system and provide sediment and nutrient removal enhancing water quality discharging to the Halifax River.

**Project Reference**

FEMA Flood Mitigation Grant Agreement Number: 11FM-4N-06-74-01-498

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Federal Funds	2,935,058	0	0	0	0	0	0	2,935,058
Stormwater Assessment	920,905	700,000	0	0	0	0	700,000	1,620,905
<b>Total Revenues:</b>	<b>3,855,963</b>	<b>700,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>700,000</b>	<b>4,555,963</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Acquisition Costs	3,668,823	0	0	0	0	0	0	3,668,823
Construction Projects	0	700,000	0	0	0	0	700,000	700,000
Engineering	187,140	0	0	0	0	0	0	187,140
<b>Total Expenditures:</b>	<b>3,855,963</b>	<b>700,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>700,000</b>	<b>4,555,963</b>

**COUNTY OF VOLUSIA**

**Spruce Creek Sub Basin/B-21 Improvements**

Department: Public Works

Location: Port Orange/New Smyrna Beach

CIP Category: Stormwater - Water Quality

Account Number: 159-751-2520

**Description/Justification for Capital and Operating**

The sub basin master plan, completed in fiscal year 2007-08, targeted areas prone to flooding during the storm season 2004 and 2005. The study identified recommended infrastructure improvements and capital projects. The area encompasses Tomoka Farms Road from Halifax Drive to SR 44.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Stormwater Assessment	0	0	0	0	0	50,000	50,000	50,000
<b>Total Revenues:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Projects	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	50,000	50,000	50,000
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>

COUNTY OF VOLUSIA

St. Johns River Basin Planning and Management

Department: Public Works

Location: DeLand/DeBary/Deltona

CIP Category: Stormwater - Water Quality

Account Number: 159-751-2570

Description/Justification for Capital and Operating

Watershed planning, assessment and management is the foundation of a comprehensive stormwater program. The St. Johns River Basin is located along the western edge of the County from Lake George to Lake Harney. The plan will evaluate water quality, document flood problem areas, perform storm event modeling and recommend capital improvements within the basin.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Stormwater Assessment	0	250,000	0	150,000	150,000	0	550,000	550,000
<b>Total Revenues:</b>	<b>0</b>	<b>250,000</b>	<b>0</b>	<b>150,000</b>	<b>150,000</b>	<b>0</b>	<b>550,000</b>	<b>550,000</b>

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Engineering	0	250,000	0	150,000	150,000	0	550,000	550,000
<b>Total Expenditures:</b>	<b>0</b>	<b>250,000</b>	<b>0</b>	<b>150,000</b>	<b>150,000</b>	<b>0</b>	<b>550,000</b>	<b>550,000</b>

**COUNTY OF VOLUSIA**

**TMDL Program Assessments Implementation**

Department: Public Works

Location: Various - To Be Determined

CIP Category: Stormwater - Water Quality

Account Number: 159-751-2500

**Description/Justification for Capital and Operating**

The County of Volusia must manage a water quality program that complies with the State Impaired Waters Rule and Federal Clean Water Act. The program will require Department of Environmental Protection (DEP) to assess existing surface water quality data and to develop Total Maximum Daily Loads (TMDLs) for impaired waters. A TMDL is the maximum amount of a given pollutant water body can assimilate without exceeding surface water standards. The County is currently in the Basin Management Assessment Program (BMAP) process with Indian River Lagoon, the Middle St. John's River, Blue Springs, the Halifax River, and the Tomoka River.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Stormwater Assessment	297,671	300,000	0	0	0	0	300,000	597,671
<b>Total Revenues:</b>	<b>297,671</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>	<b>597,671</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Projects	0	250,000	0	0	0	0	250,000	250,000
Engineering	297,671	50,000	0	0	0	0	50,000	347,671
<b>Total Expenditures:</b>	<b>297,671</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>	<b>597,671</b>

**COUNTY OF VOLUSIA**  
**Tomoka View Estates**

Department: Public Works

Location: Ormond Beach

CIP Category: Stormwater - Water Quality

Account Number: 159-751-2550

**Description/Justification for Capital and Operating**

Older subdivisions typically have deteriorating drainage infrastructure, areas of flooding and limited stormwater quality treatment facilities that may be adjacent to an Outstanding Florida Water (Tomoka River). Future projects in Tomoka View Estates include drainage infrastructure replacement.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Stormwater Assessment	0	0	0	0	0	50,000	50,000	50,000
<b>Total Revenues:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Projects	0	0	0	0	0	50,000	50,000	50,000
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>

**COUNTY OF VOLUSIA**  
**Volusia Retention Pond**

Department: Public Works

Location: County Wide

CIP Category: Stormwater - Water Quality

Account Number: 159-751-2013

**Description/Justification for Capital and Operating**

A retention pond will be constructed in a yet-to-be-determined flood prone area of unincorporated Volusia County. The retention pond will provide flood protection and provide stormwater quality improvement.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Stormwater Assessment	12,897	100,000	100,000	0	100,000	0	300,000	312,897
<b>Total Revenues:</b>	<b>12,897</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>300,000</b>	<b>312,897</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Projects	12,897	100,000	100,000	0	100,000	0	300,000	312,897
<b>Total Expenditures:</b>	<b>12,897</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>300,000</b>	<b>312,897</b>

**COUNTY OF VOLUSIA**

**Wilbur by the Sea Drainage Improvements**

Department: Public Works

Location: Wilbur by the Sea

CIP Category: Stormwater - Water Quality

Account Number: 159-751-3014

**Description/Justification for Capital and Operating**

Wilbur by the Sea is an older area with limited drainage facilities, areas of flooding and limited stormwater quality treatment facilities. Project includes the upgrade of outfalls, the installation of exfiltration trenches, interconnection of ponds, and the installation of a stormwater quality treatment facility.

**Project Reference**

Capital Project Schedule: PW-ENG-4992

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Stormwater Assessment	46,681	520,000	0	0	0	0	520,000	566,681
<b>Total Revenues:</b>	<b>46,681</b>	<b>520,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>520,000</b>	<b>566,681</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Projects	0	520,000	0	0	0	0	520,000	520,000
Engineering	46,681	0	0	0	0	0	0	46,681
<b>Total Expenditures:</b>	<b>46,681</b>	<b>520,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>520,000</b>	<b>566,681</b>

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**COUNTY OF VOLUSIA**

**Public Works - Wastewater Treatment**

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Project Title</b>	<b>Prior Years</b>	<b>FY 2016-17 Year 1</b>	<b>FY 2017-18 Year 2</b>	<b>FY 2018-19 Year 3</b>	<b>FY 2019-20 Year 4</b>	<b>FY 2020-21 Year 5</b>	<b>Total Amount</b>
Collection Systems Rehab Program	858,598	100,000	200,000	100,000	100,000	100,000	1,458,598
Future Capital Projects-Wastewater	0	0	4,075,000	500,000	625,000	6,100,000	11,300,000
Halifax Wastewater Treatment Plant Expansion	1,662,651	0	400,000	0	0	0	2,062,651
Southwest Biosolids Dewatering Facilities Upgrade	0	350,000	0	0	0	0	350,000
<b>TOTAL EXPENDITURES</b>	<b>2,521,249</b>	<b>450,000</b>	<b>4,675,000</b>	<b>600,000</b>	<b>725,000</b>	<b>6,200,000</b>	<b>15,171,249</b>

**REVENUE SOURCE:**

<b>Project Title</b>	<b>Prior Years</b>	<b>FY 2016-17 Year 1</b>	<b>FY 2017-18 Year 2</b>	<b>FY 2018-19 Year 3</b>	<b>FY 2019-20 Year 4</b>	<b>FY 2020-21 Year 5</b>	<b>Total Amount</b>
Water Sewer Utilities	2,521,249	450,000	4,675,000	600,000	725,000	6,200,000	15,171,249
<b>TOTAL REVENUES</b>	<b>2,521,249</b>	<b>450,000</b>	<b>4,675,000</b>	<b>600,000</b>	<b>725,000</b>	<b>6,200,000</b>	<b>15,171,249</b>

**COUNTY OF VOLUSIA**

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**Collection Systems Rehab Program**

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Department: Public Works

Location: County-wide

CIP Category: Wastewater Treatment

Account Number: 457-780-5558

**Description/Justification for Capital and Operating**

Initiated in fiscal year 2013-14, this capital program assures the continual replacement and upgrade of the 118 current lift station facilities throughout all the County's service areas. Effective asset management principles are utilized to determine equipment age and condition, and assess potential risk of equipment failure.

**Project Reference**

None

**REVENUE SOURCE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Water Sewer Utilities	858,598	100,000	200,000	100,000	100,000	100,000	600,000	1,458,598
<b>Total Revenues:</b>	<b>858,598</b>	<b>100,000</b>	<b>200,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>600,000</b>	<b>1,458,598</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Construction Other	750,425	100,000	0	100,000	100,000	100,000	400,000	1,150,425
Engineering	108,173	0	200,000	0	0	0	200,000	308,173
<b>Total Expenditures:</b>	<b>858,598</b>	<b>100,000</b>	<b>200,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>600,000</b>	<b>1,458,598</b>

**COUNTY OF VOLUSIA**  
**Future Capital Projects-Wastewater**

Department: Public Works

Location: Countywide

CIP Category: Wastewater Treatment

Account Number: 457-780-9999

**Description/Justification for Capital and Operating**

Fiscal Year 2017-18

\$4,000,000 Southwest Regional Biosolids Facility Construction

\$75,000 Reclaimed Water Main Extension Engineering

Fiscal Year 2018-19

\$200,000 Deltona North Wastewater Treatment Plan Expansion engineering/design

\$300,000 Reclaimed Water Main Extension construction

Fiscal Year 2019-20

\$450,000 Northeast Wastewater Treatment Plan Expansion engineering/design

\$175,000 Reclaimed Water Line Extension construction

Fiscal Year 2020-21

\$5,000,000 Northeast Wastewater Treatment Plant Expansion construction

\$ 750,000 Reclaimed Water Main Extensions construction

\$ 350,000 Northeast Wastewater Treatment Plan Expansion engineering/design

**Project Reference**

Capital Project Schedule: PW-WRU-1

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Water Sewer Utilities	0	0	4,075,000	500,000	625,000	6,100,000	11,300,000	11,300,000
<b>Total Revenues:</b>	<b>0</b>	<b>0</b>	<b>4,075,000</b>	<b>500,000</b>	<b>625,000</b>	<b>6,100,000</b>	<b>11,300,000</b>	<b>11,300,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Other	0	0	4,000,000	300,000	0	5,750,000	10,050,000	10,050,000
Engineering	0	0	75,000	200,000	625,000	350,000	1,250,000	1,250,000
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>4,075,000</b>	<b>500,000</b>	<b>625,000</b>	<b>6,100,000</b>	<b>11,300,000</b>	<b>11,300,000</b>

COUNTY OF VOLUSIA

Halifax Wastewater Treatment Plant Expansion

Department: Public Works

Location: Northeast

CIP Category: Wastewater Treatment

Account Number: 457-780-5160

Description/Justification for Capital and Operating

This project calls for the expansion of the Halifax wastewater treatment facilities in order to provide sufficient capacity necessary to meet anticipated development and increased customer growth in the northeast service area.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Water Sewer Utilities	1,662,651	0	400,000	0	0	0	400,000	2,062,651
<b>Total Revenues:</b>	<b>1,662,651</b>	<b>0</b>	<b>400,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>400,000</b>	<b>2,062,651</b>

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Construction Other	1,211,630	0	400,000	0	0	0	400,000	1,611,630
Design	451,021	0	0	0	0	0	0	451,021
<b>Total Expenditures:</b>	<b>1,662,651</b>	<b>0</b>	<b>400,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>400,000</b>	<b>2,062,651</b>

**COUNTY OF VOLUSIA**

**Southwest Biosolids Dewatering Facilities Upgrade**

Department: Public Works

Location:

CIP Category: Wastewater Treatment

Account Number: 457-780-4100

**Description/Justification for Capital and Operating**

This project includes upgrades to the biosolids dewatering facilities at Southwest Wastewater Treatment Plant (WWTP). The project may also include a drying/composting building in order to reduce the volume of biosolids generated by 50% to 75%, which will result in a similar reduction in trucking and disposal costs.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Water Sewer Utilities	0	350,000	0	0	0	0	350,000	350,000
<b>Total Revenues:</b>	<b>0</b>	<b>350,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>350,000</b>	<b>350,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

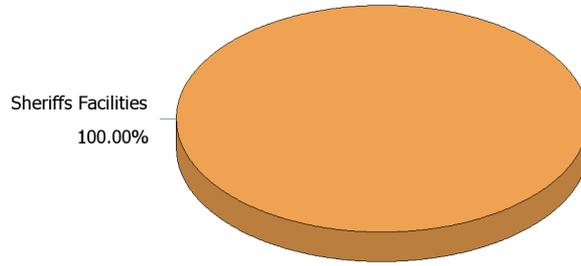
Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Engineering	0	350,000	0	0	0	0	350,000	350,000
<b>Total Expenditures:</b>	<b>0</b>	<b>350,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>350,000</b>	<b>350,000</b>

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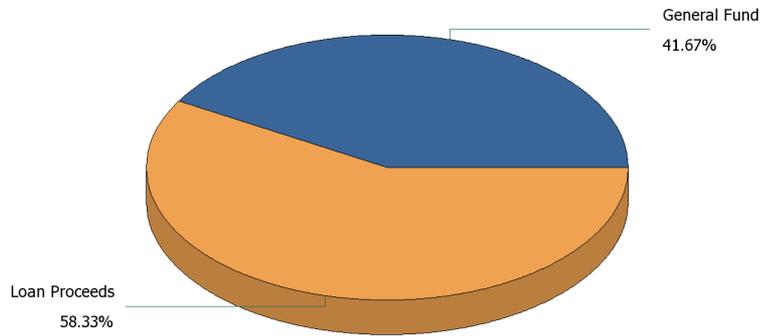
**COUNTY OF VOLUSIA  
Sheriff**

**FY 2016-17 Expenditures**



Division	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Critical Communications	0	0	0	0	5,000,000	0	5,000,000
Sheriffs Facilities	1,500,000	12,000,000	0	0	5,000,000	3,400,000	21,900,000
<b>Total Expenditures</b>	<b>1,500,000</b>	<b>12,000,000</b>	<b>0</b>	<b>0</b>	<b>10,000,000</b>	<b>3,400,000</b>	<b>26,900,000</b>

**FY 2016-17 Revenues**



Revenue Source	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
General Fund	0	5,000,000	0	0	5,000,000	0	10,000,000
Loan Proceeds	0	7,000,000	0	0	0	0	7,000,000
Municipal Service District Fund	1,500,000	0	500,000	3,500,000	3,500,000	900,000	9,900,000
<b>Total Revenues</b>	<b>1,500,000</b>	<b>12,000,000</b>	<b>500,000</b>	<b>3,500,000</b>	<b>8,500,000</b>	<b>900,000</b>	<b>26,900,000</b>

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COUNTY OF VOLUSIA

Sheriff - Critical Communications

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Project Title</b>	<b>Prior Years</b>	<b>FY 2016-17 Year 1</b>	<b>FY 2017-18 Year 2</b>	<b>FY 2018-19 Year 3</b>	<b>FY 2019-20 Year 4</b>	<b>FY 2020-21 Year 5</b>	<b>Total Amount</b>
Next Generation 911 System	0	0	0	0	5,000,000	0	5,000,000
<b>TOTAL EXPENDITURES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,000,000</b>	<b>0</b>	<b>5,000,000</b>

**REVENUE SOURCE:**

<b>Project Title</b>	<b>Prior Years</b>	<b>FY 2016-17 Year 1</b>	<b>FY 2017-18 Year 2</b>	<b>FY 2018-19 Year 3</b>	<b>FY 2019-20 Year 4</b>	<b>FY 2020-21 Year 5</b>	<b>Total Amount</b>
General Fund	0	0	0	0	5,000,000	0	5,000,000
<b>TOTAL REVENUES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,000,000</b>	<b>0</b>	<b>5,000,000</b>

**COUNTY OF VOLUSIA**

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**Next Generation 911 System**

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Department: Sheriff

Location:

CIP Category: Critical Communications

Account Number: 115-400-3150

**Description/Justification for Capital and Operating**

Transition to the Next Generation 911 is near. All phone companies are moving to this and doing away with copper wire and CAMA trunks to IP based systems.

**Project Reference**

None

**REVENUE SOURCE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
General Fund	0	0	0	0	5,000,000	0	5,000,000	5,000,000
<b>Total Revenues:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,000,000</b>	<b>0</b>	<b>5,000,000</b>	<b>5,000,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Budget Object Name</b>	<b>Prior Years</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>Total Years 1-5</b>	<b>Total Amount</b>
Improvements Other Than Buildings	0	0	0	0	5,000,000	0	5,000,000	5,000,000
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,000,000</b>	<b>0</b>	<b>5,000,000</b>	<b>5,000,000</b>

**COUNTY OF VOLUSIA**

**Sheriff - Sheriffs Facilities**

**CAPITAL IMPROVEMENT EXPENDITURE:**

<b>Project Title</b>	<b>Prior Years</b>	<b>FY 2016-17 Year 1</b>	<b>FY 2017-18 Year 2</b>	<b>FY 2018-19 Year 3</b>	<b>FY 2019-20 Year 4</b>	<b>FY 2020-21 Year 5</b>	<b>Total Amount</b>
Sheriff's CAD/RMS	0	0	0	0	5,000,000	0	5,000,000
Sheriff's District 2 Substation	0	0	0	0	0	3,400,000	3,400,000
Sheriff's Evidence Facility	1,500,000	12,000,000	0	0	0	0	13,500,000
<b>TOTAL EXPENDITURES</b>	<b>1,500,000</b>	<b>12,000,000</b>	<b>0</b>	<b>0</b>	<b>5,000,000</b>	<b>3,400,000</b>	<b>21,900,000</b>

**REVENUE SOURCE:**

<b>Project Title</b>	<b>Prior Years</b>	<b>FY 2016-17 Year 1</b>	<b>FY 2017-18 Year 2</b>	<b>FY 2018-19 Year 3</b>	<b>FY 2019-20 Year 4</b>	<b>FY 2020-21 Year 5</b>	<b>Total Amount</b>
General Fund	0	5,000,000	0	0	0	0	5,000,000
Loan Proceeds	0	7,000,000	0	0	0	0	7,000,000
Municipal Service District Fund	1,500,000	0	500,000	3,500,000	3,500,000	900,000	9,900,000
<b>TOTAL REVENUES</b>	<b>1,500,000</b>	<b>12,000,000</b>	<b>500,000</b>	<b>3,500,000</b>	<b>3,500,000</b>	<b>900,000</b>	<b>21,900,000</b>

COUNTY OF VOLUSIA

Sheriff's CAD/RMS

Department: Sheriff

Location:

CIP Category: Sheriffs Facilities

Account Number: 369-930-1454

Description/Justification for Capital and Operating

Replacement of the current Tiburon CAD records management system, due to the maintenance agreements that are no longer obtainable.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Municipal Service District Fund	0	0	0	2,500,000	2,500,000	0	5,000,000	5,000,000
<b>Total Revenues:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>0</b>	<b>5,000,000</b>	<b>5,000,000</b>

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Other Equipment	0	0	0	0	5,000,000	0	5,000,000	5,000,000
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,000,000</b>	<b>0</b>	<b>5,000,000</b>	<b>5,000,000</b>

**COUNTY OF VOLUSIA**  
**Sheriff's District 2 Substation**

Department: Sheriff

Location:

CIP Category: Sheriffs Facilities

Account Number: 369-930-1452

**Description/Justification for Capital and Operating**

Construction of a Sheriff's Office District 2 Substation to provide appropriate space and security for law enforcement activities. The current office is in leased space at a retail center which is not compatible with the surrounding retail shops.

**Project Reference**

None

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Municipal Service District Fund	0	0	500,000	1,000,000	1,000,000	900,000	3,400,000	3,400,000
<b>Total Revenues:</b>	<b>0</b>	<b>0</b>	<b>500,000</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>900,000</b>	<b>3,400,000</b>	<b>3,400,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Buildings and Structures	0	0	0	0	0	3,400,000	3,400,000	3,400,000
<b>Total Expenditures:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,400,000</b>	<b>3,400,000</b>	<b>3,400,000</b>

**COUNTY OF VOLUSIA**  
**Sheriff's Evidence Facility**

Department: Sheriff

Location:

CIP Category: Sheriffs Facilities

Account Number: 369-930-1453

**Description/Justification for Capital and Operating**

This capital project replaces the existing Sheriff's Office Evidence Facility, currently located on SR44 near the St. Johns River. A new, more central location will provide a secure compound and move the facility out of the flood plain. The new facility would provide land for vehicle storage, be hurricane hardened to continue operations during storms, include a forensics lab to replace the discontinued Florida Department of Law Enforcement Lab, and incorporate integrated building security, automation, and climate control.

This project is part of the core services infrastructure plan presented to Council on May 21, 2015. The fiscal year 2015-16 budget includes an interfund transfer revenue from the MSD Fund of \$500,000 for the Forensics Lab and \$1.0 million for the Evidence Facility to begin design and engineering services. The total estimated project cost is \$13.5 million, with a total commitment of \$5.0 million from the General Fund, \$1.5 million from the MSD Fund, and a \$7 million loan to be paid by the MSD Fund.

**Project Reference**

Capital Project Schedule: SO-5715

**REVENUE SOURCE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
General Fund	0	5,000,000	0	0	0	0	5,000,000	5,000,000
Loan Proceeds	0	7,000,000	0	0	0	0	7,000,000	7,000,000
Municipal Service District Fund	1,500,000	0	0	0	0	0	0	1,500,000
<b>Total Revenues:</b>	<b>1,500,000</b>	<b>12,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12,000,000</b>	<b>13,500,000</b>

**CAPITAL IMPROVEMENT EXPENDITURE:**

Budget Object Name	Prior Years	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total Years 1-5	Total Amount
Buildings and Structures	1,500,000	12,000,000	0	0	0	0	12,000,000	13,500,000
<b>Total Expenditures:</b>	<b>1,500,000</b>	<b>12,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12,000,000</b>	<b>13,500,000</b>