

COUNTY OF VOLUSIA, FLORIDA



CAPITAL IMPROVEMENT PLAN
FISCAL YEAR 2017 - 2018

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COUNTY OF VOLUSIA, FLORIDA
CAPITAL IMPROVEMENT PROGRAM
FY 2017-2018 to FY 2021-2022



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, 2017

Attached is the fiscal year 2017-18 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.



Finance

Fiscal Year 2017-18 Capital Improvement Projects

Current fiscal year Capital Projects are funded in the amount of \$124,872,678. Public Works projects are 47.4% of the funded projects, Aviation and Economic Resources projects follow at 14.54%. The majority of their funding of these areas is from federal/state grant programs.

The Aviation and Economic Resources department has programmed \$18.2 million in capital projects at the Daytona Beach International Airport for fiscal year 2017-18, 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 2017-18 are Taxiway November improvements at \$8.7 million, terminal air handlers at \$2.3 million, Aircraft Rescue and Fire Fighting Units design and construction at \$2 million, master plan update at \$1.7 million, and parking lot improvements at \$1.4 million.

The Business Services department has programmed \$17.4 million in capital projects at various facilities. Projects include \$5.5 million for the 800 MHz Backbone Infrastructure Project, \$3.4 million for a Courts/Central Services warehouse, \$3 million for the 800 MHz Radio Replacements, \$1.2 million in renovation and systems upgrades for the Thomas C. Kelly Building, and \$2.6 million in renovations to other county facilities including various carpet and roof projects. Upgrades and renovations to court facilities are funded at \$1.8 million including roof replacements, HVAC, and carpet replacement.

The Community Services department includes ongoing construction of the Trails Program, with \$15 million funded from a combination of federal grants, state grants, and the Trails Capital Fund. Park projects are funded with \$2.5 million for interpretive panels, Highbridge Park Improvements, renovations and repairs at various parks, and the construction of two new parks. The funding for the parks projects are a combination of state grants, park impact fees, general fund contributions, and ECHO funding. Library Services has programmed \$585,000 for flooring, roof, and other renovation projects at various facilities.

The Ocean Center department is addressing upgrades and renovations through projects totaling \$6.7 million in fiscal year 2017-18. 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, roof repair, lighting improvements, sound system replacement, 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.

The Public Protection department projects are primarily in the Corrections division, which include the branch jail and the correction facility, totaling \$2.7 million. Fire Service's projects total \$1.8 million which include building improvements in Osteen and Oak Hill, relocation of station 18, and roof replacement in Pierson.



Finance

The Public Works department includes the road program funded at \$30.4 million, with 26.9% coming from federal and state grants. Coastal division projects in fiscal year 2017-18 total \$8.7 million and include funding of \$2.4 million from ECHO for the boardwalk development project. Off-beach parking development is funded at \$3 million from beach access fees and port district funds. Additional projects include Smyrna Dunes Boardwalk Reconstruction at \$800,000 of ECHO funding.

The Sheriff department has programmed \$150,000 in fiscal year 2017-18 for replacement of the CAD records management system, due to the maintenance agreements that are no longer obtainable.

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 2017-18 capital improvement program is Fund balance, which carries over project balances from all sources, and comprises 29.7% of the CIP budget. The next largest contributor at 27.97% is the receipt of federal and state grants, followed by ad valorem taxes at 17.68%. The remaining budget is funded through a mix of enterprise funds, current revenues, and impact fees.

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 2017-18 budget of \$3.4 million is appropriated to be spent for the Court/Central Services Warehouse design and construction. Other core infrastructure projects are budgeted in future years.

In Conclusion

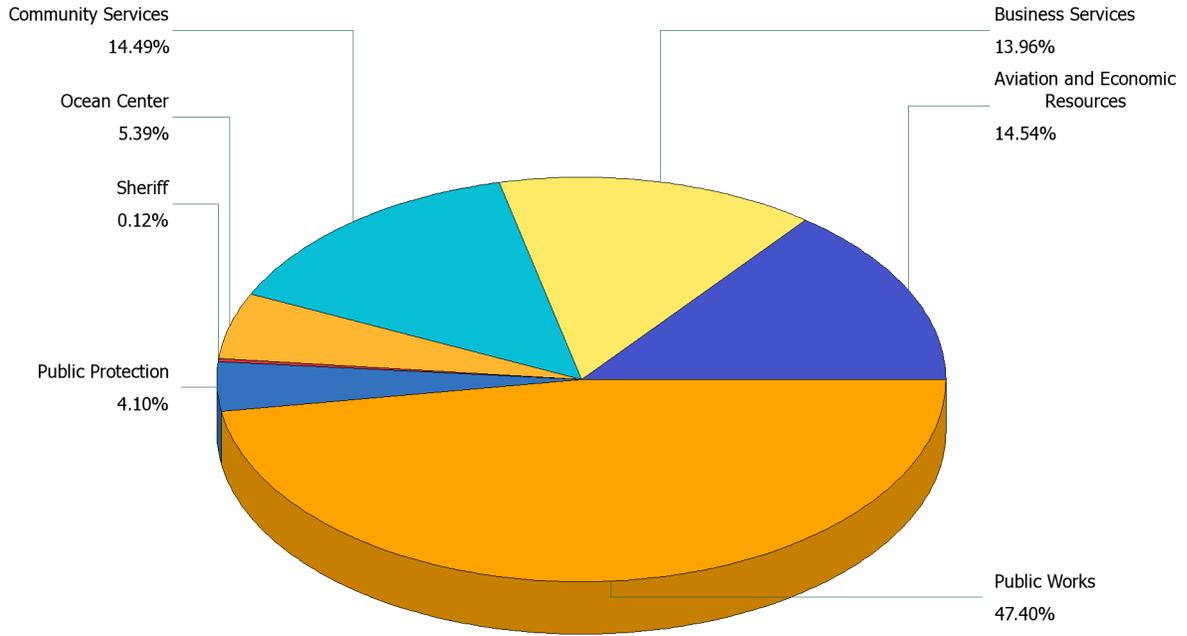
The ultimate goal of this document is to provide a guide for Volusia County's capital program and useful reference for the County Council and County departments.

Sincerely,

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

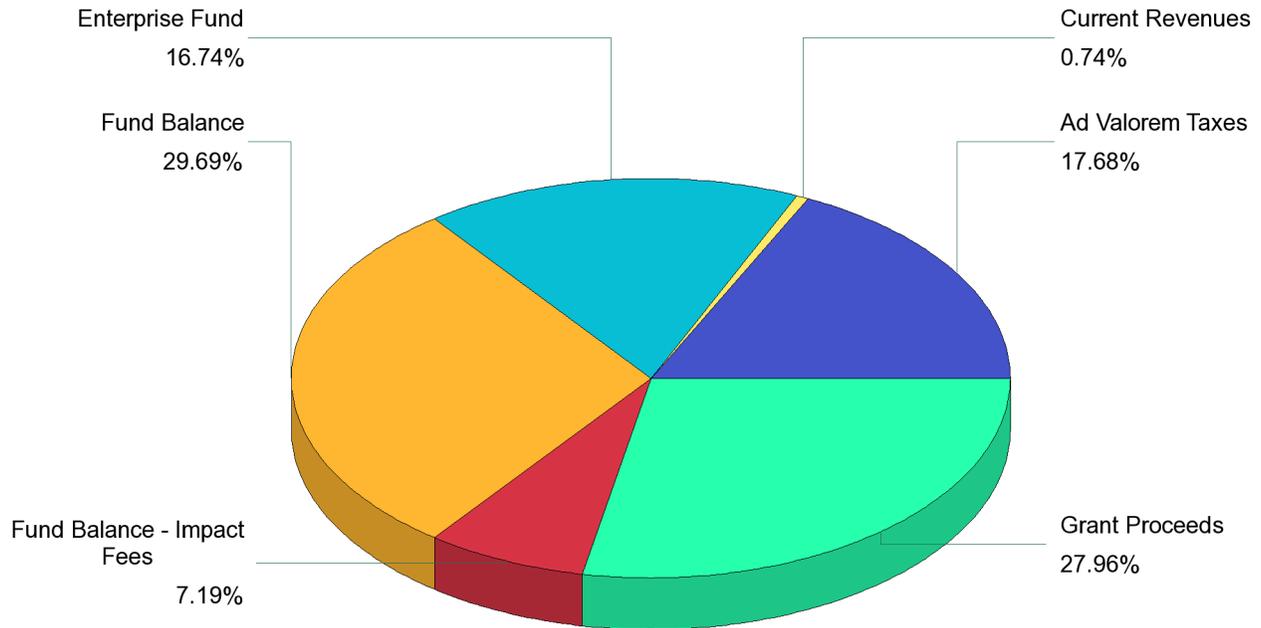
Donna de Peyster, CPA
Deputy County Manager/CFO

COUNTY OF VOLUSIA
Capital Improvement Program
FY 2017-18 Department Expenditure Summary



Department	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Aviation and Economic Resources	8,261,397	18,154,808	26,666,540	15,905,689	14,775,000	8,150,000	91,913,434
Business Services	783,018	17,433,635	12,377,623	6,308,613	2,420,000	1,050,000	40,372,889
Community Services	2,856,435	18,097,937	584,000	1,640,000	865,000	1,300,000	25,343,372
Ocean Center	2,740,640	6,730,644	3,838,612	90,000	1,890,000	90,000	15,379,896
Sheriff	0	150,000	8,563,000	3,000,000	0	0	11,713,000
Elections	0	0	5,900,000	0	0	0	5,900,000
Public Protection	1,914,949	5,118,331	6,114,560	11,610,000	7,194,000	1,015,000	32,966,840
Public Works	41,120,933	59,187,323	30,035,684	13,189,448	18,221,736	10,580,954	172,336,078
TOTAL EXPENDITURES	57,677,372	124,872,678	94,080,019	51,743,750	45,365,736	22,185,954	395,925,509

COUNTY OF VOLUSIA
Capital Improvement Program
FY 2017-18 Revenue Summary



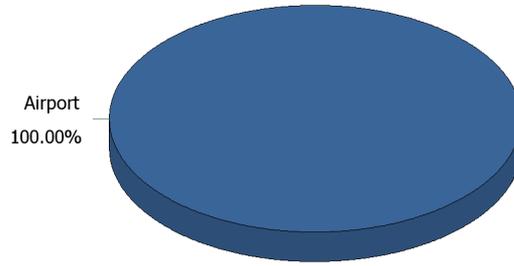
Funding Source	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Ad Valorem Taxes	21,239,012	20,420,159	22,184,010	20,755,000	11,029,000	3,740,000	99,367,181
Current Revenues	0	850,000	20,500	0	0	0	870,500
Enterprise Fund	6,831,388	19,336,761	17,363,320	6,590,845	8,543,750	1,652,500	60,318,564
Fund Balance	42,806,512	34,300,785	29,148,445	9,819,859	12,291,736	5,970,000	134,337,337
Fund Balance - Impact Fees	92,600	8,310,150	0	0	0	0	8,402,750
Grant Proceeds	13,105,523	32,299,340	13,452,720	12,512,844	13,501,250	7,532,500	92,404,177
Other	0	0	0	225,000	0	0	225,000
TOTAL REVENUES	84,075,035	115,517,195	82,168,995	49,903,548	45,365,736	18,895,000	395,925,509

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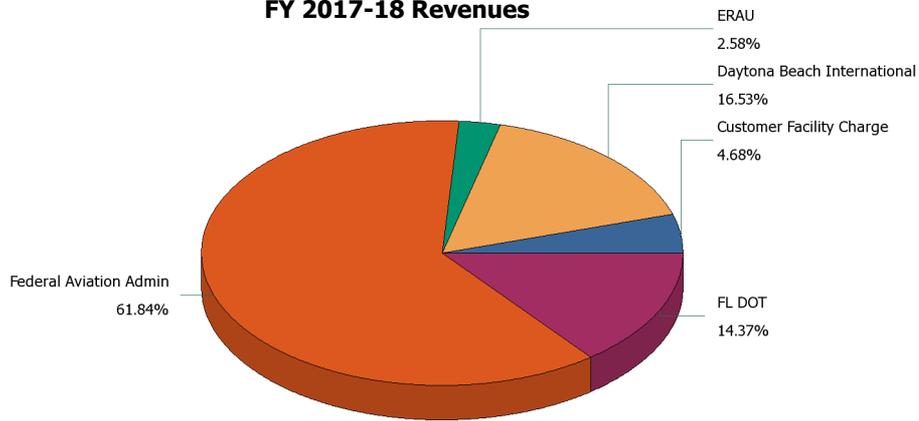
COUNTY OF VOLUSIA
Aviation and Economic Resources

FY 2017-18 Expenditures



Division	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Airport	8,261,397	18,154,808	26,666,540	15,905,689	14,775,000	8,150,000	91,913,434
Total Expenditures	8,261,397	18,154,808	26,666,540	15,905,689	14,775,000	8,150,000	91,913,434

FY 2017-18 Revenues



Revenue Source	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Customer Facility Charge	0	850,000	20,500	0	0	0	870,500
Daytona Beach International	822,067	3,000,476	13,253,320	3,452,845	1,323,750	677,500	22,529,958
ERAU	63,703	469,040	600,000	0	0	0	1,132,743
Federal Aviation Admin	6,569,330	11,226,992	10,139,400	9,000,000	12,127,500	6,795,000	55,858,222
FL DOT	806,297	2,608,300	2,653,320	3,452,844	1,323,750	677,500	11,522,011
Total Revenues	8,261,397	18,154,808	26,666,540	15,905,689	14,775,000	8,150,000	91,913,434

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COUNTY OF VOLUSIA

Aviation and Economic Resources - Airport

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2017-18 Year 1	FY 2018-19 Year 2	FY 2019-20 Year 3	FY 2020-21 Year 4	FY 2021-22 Year 5	Total Amount
ARFF Design and Construction	4,991,000	2,055,556	0	0	0	0	7,046,556
Emergency Access Road	0	0	0	0	200,000	0	200,000
Fire Alarm System Replacement	0	250,000	0	0	0	0	250,000
Operations Training Software	0	0	60,000	0	0	0	60,000
Parking Lot Improvements - Design and Construction	176,164	1,392,618	2,890,540	405,689	0	0	4,865,011
Passenger Boarding Bridge Replacement for Gate 1	0	0	0	0	0	660,000	660,000
Rapid Intervention Vehicle	0	0	0	0	325,000	0	325,000
Replacement of ARFF Trucks	0	0	0	0	1,100,000	1,000,000	2,100,000
Roof Rehabilitation - TSA Checkpoint Location	0	0	0	0	600,000	0	600,000
Rotating Beacon Tower Replacement	0	0	0	0	0	300,000	300,000
Runway 25R RSA Improvements - Design and Construction	0	0	0	0	50,000	1,090,000	1,140,000
Runway 7R-25L Rehabilitation - Design & Construction	0	0	0	0	0	500,000	500,000
Stormwater Pond Relocation	0	0	0	0	1,600,000	0	1,600,000
Strategic Intermodel System (SIS) - Realign Bellevue Avenue	0	0	0	5,000,000	0	0	5,000,000
Taxiway Echo Run-up Ramp - Design and Construction	0	0	1,200,000	0	0	0	1,200,000
Taxiway November - Design and Construction	2,138,121	8,734,000	11,266,000	10,000,000	10,000,000	0	42,138,121
Taxiway Sierra Extension - Design and Construction	127,406	805,337	0	0	0	0	932,743
Taxiway Sierra Rehabilitation Design & Construction	0	0	0	0	400,000	4,000,000	4,400,000
Terminal Air Handlers - Design and Construction	463,543	2,328,944	0	0	0	0	2,792,487
Terminal Chiller Replacement - Design and Replacement	0	0	50,000	500,000	500,000	600,000	1,650,000
Terminal Emergency Generator Design and Generator Replacement for Fire Pump	123,500	175,000	0	0	0	0	298,500
Terminal Renovations - Design and Construction	71,527	728,473	11,200,000	0	0	0	12,000,000
Update Master Plan	170,136	1,684,880	0	0	0	0	1,855,016
TOTAL EXPENDITURES	8,261,397	18,154,808	26,666,540	15,905,689	14,775,000	8,150,000	91,913,434

COUNTY OF VOLUSIA

Aviation and Economic Resources - Airport

REVENUE SOURCE:

Project Title	Prior Years	FY 2017-18 Year 1	FY 2018-19 Year 2	FY 2019-20 Year 3	FY 2020-21 Year 4	FY 2021-22 Year 5	Total Amount
Customer Facility Charge	0	850,000	20,500	0	0	0	870,500
Daytona Beach International	822,067	3,000,476	13,253,320	3,452,845	1,323,750	677,500	22,529,958
ERAU	63,703	469,040	600,000	0	0	0	1,132,743
Federal Aviation Admin	6,569,330	11,226,992	10,139,400	9,000,000	12,127,500	6,795,000	55,858,222
FL DOT	806,297	2,608,300	2,653,320	3,452,844	1,323,750	677,500	11,522,011
TOTAL REVENUES	8,261,397	18,154,808	26,666,540	15,905,689	14,775,000	8,150,000	91,913,434

COUNTY OF VOLUSIA

ARFF Design and Construction

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-4504

Description/Justification for Capital and Operating

Design and Construct Aircraft Rescue & Fire Fighting Building [Pt. 139 only]

The previous ARFF station was approximately 30 years old and barely met the standards. This project includes design and construction services to meet current specifications.

The design for the new facility is complete; the construction will be completed on or around October 31, 2017.

Project Reference

Capital Project Schedule (CPS) # DAB-AF/FAC-01. Council budget authority for construction approved on July 2, 2015. Contract for construction was awarded on August 19, 2015, Contract # C-1581A in the amount of \$6,190,053.00. FAA funding at 90%, FDOT funding at 5% and Airport funding at 5%. Estimated construction completion date is October 31, 2017.

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Daytona Beach International	249,550	102,778	0	0	0	0	102,778	352,328
Federal Aviation Admin	4,491,900	1,850,000	0	0	0	0	1,850,000	6,341,900
FL DOT	249,550	102,778	0	0	0	0	102,778	352,328
Total Revenues:	4,991,000	2,055,556	0	0	0	0	2,055,556	7,046,556

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	4,500,000	2,055,556	0	0	0	0	2,055,556	6,555,556
Design	491,000	0	0	0	0	0	0	491,000
Total Expenditures:	4,991,000	2,055,556	0	0	0	0	2,055,556	7,046,556

COUNTY OF VOLUSIA
Emergency Access Road

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 at 50% and Airport funding at 50%.

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Daytona Beach International	0	0	0	0	100,000	0	100,000	100,000
FL DOT	0	0	0	0	100,000	0	100,000	100,000
Total Revenues:	0	0	0	0	200,000	0	200,000	200,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	0	0	200,000	0	200,000	200,000
Total Expenditures:	0	0	0	0	200,000	0	200,000	200,000

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

Council budget authorization approved April 20, 2017. Anticipate FDOT funding at 50% on or after June 30, 2018, airport funding at 50%.

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Daytona Beach International	0	125,000	0	0	0	0	125,000	125,000
FL DOT	0	125,000	0	0	0	0	125,000	125,000
Total Revenues:	0	250,000	0	0	0	0	250,000	250,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	250,000	0	0	0	0	250,000	250,000
Total Expenditures:	0	250,000	0	0	0	0	250,000	250,000

COUNTY OF VOLUSIA
Operations Training Software

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-9999

Description/Justification for Capital and Operating

Acquire Interactive Training System

Current software exists with TSA and FAA compliant airfield driver training which is fully-scalable with real-time management reporting capabilities. It provides interactive e-training with current realistic knowledge checks, which tests, not only knowledge retention but also the ability to apply that knowledge. The programs are fully-searchable with an exportable record database and automatic training reminders for re-current training.

The new training software would allow us to leverage the latest e-learning methodologies and technology to improve efficiency and effectiveness of our airfield driving programs. The improvements directly address safety and security on both the movement and non-movement areas. Consistent with the Airport Security Plan, the Airport must examine new technologies or procedures that would efficiently improve security.

Project Reference

Anticipate FDOT funding at 50% and Airport funding at 50%.

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Daytona Beach International	0	0	30,000	0	0	0	30,000	30,000
FL DOT	0	0	30,000	0	0	0	30,000	30,000
Total Revenues:	0	0	60,000	0	0	0	60,000	60,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	60,000	0	0	0	60,000	60,000
Total Expenditures:	0	0	60,000	0	0	0	60,000	60,000

COUNTY OF VOLUSIA

Parking Lot Improvements - Design and Construction

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

Capital Project Schedule # DAB-TER-03, Council budget authority approved on April 20, 2017 for total estimated project cost, \$4,870,000. FDOT funding at 50% and Airport funding at 50%.

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Customer Facility Charge	0	850,000	20,500	0	0	0	870,500	870,500
Daytona Beach International	88,082	271,309	1,435,020	202,845	0	0	1,909,174	1,997,256
FL DOT	88,082	271,309	1,435,020	202,844	0	0	1,909,173	1,997,255
Total Revenues:	176,164	1,392,618	2,890,540	405,689	0	0	4,688,847	4,865,011

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Design	176,164	22,068	0	0	0	0	22,068	198,232
Improvements Other Than Buildings	0	1,370,550	2,890,540	405,689	0	0	4,666,779	4,666,779
Total Expenditures:	176,164	1,392,618	2,890,540	405,689	0	0	4,688,847	4,865,011

COUNTY OF VOLUSIA

Passenger Boarding Bridge Replacement for Gate 1

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-9999

Description/Justification for Capital and Operating

Project replaces an existing Passenger Boarding Bridge that is beyond repair and economic life. Life extension program (refurbishment) is not practical due to age and material condition. Existing bridge is 27 years old and has previously been painted on two occasions, however, has never been refurbished. Structural steel at various locations has corroded to such an extent making continued repairs impractical when considering state of repair of all electrical, mechanical systems and controls. Replacement of bridge in total is considered most economical approach for life cycle investment consideration and ROI.

Design, Procure and Install a new PBB to include 400 htz GPU (Ground Power Unit) and PCAir. Project will provide for the procurement and installation of a new passenger boarding bridge for Gate One. Work to include procurement of new Jetbridge 3 tube tunnel, 400 hrz GPU and PCAir (40 ton). Project possibly to include new foundation work for new rotunda pedestal mount.

Project Reference

Anticipate FAA funding at 90%, FDOT funding at 5% and Airport funding at 5%.

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Daytona Beach International	0	0	0	0	0	33,000	33,000	33,000
Federal Aviation Admin	0	0	0	0	0	594,000	594,000	594,000
FL DOT	0	0	0	0	0	33,000	33,000	33,000
Total Revenues:	0	0	0	0	0	660,000	660,000	660,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	0	0	0	660,000	660,000	660,000
Total Expenditures:	0	0	0	0	0	660,000	660,000	660,000

COUNTY OF VOLUSIA
Rapid Intervention Vehicle

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-9999

Description/Justification for Capital and Operating

Acquire Aircraft Rescue & Fire Fighting Safety Equipment [Reqd by Part 139 only]

The Rapid Intervention Vehicle (RRV) would be used to respond to 75% of all general aviation calls which make up the majority of Alert calls requiring the use of the Primary ARFF vehicles. These numerous Alerts from GA aircraft and dispatch of the primary ARFF units creates an Excessive demand and usage of the ARFF vehicles significantly impacting and reducing the life cycle of these costly vehicles. The RIV provide a much needed economical and effective response mode to respond to aircraft alets and complete required airport inspections. In addition, the vehicle can be coupled with another water-only unit to help the airport maintatin index since it has foam and chemical capablilites.

The purchase of a Rapid Intervention Vehicle will meet the requirements of the facility offering more versatility, saving costs on equipment.

Project Reference

Anticipate FAA funding at 90%, FDOT funding at 5% and Airport funding at 5%.

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Daytona Beach International	0	0	0	0	16,250	0	16,250	16,250
Federal Aviation Admin	0	0	0	0	292,500	0	292,500	292,500
FL DOT	0	0	0	0	16,250	0	16,250	16,250
Total Revenues:	0	0	0	0	325,000	0	325,000	325,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	0	0	325,000	0	325,000	325,000
Total Expenditures:	0	0	0	0	325,000	0	325,000	325,000

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 2020-21: replacement of 2005 Aircraft Rescue & Fire Fighting Unit 1 (3,000 gallons) that will reach its useful economic and operational life. There will be a 12-18 month manufacturing time frame.

Fiscal year 2021-22: Replacement of 2006 Aircraft Rescue & Firefighting Unit 2 (1,500 gallons) that will reach its useful economic and operational life. There will be a 12-18 month manufacturing time frame.

Project Reference

Anticipate FAA funding at 90%, FDOT funding at 5%, and Airport funding at 5%.

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Daytona Beach International	0	0	0	0	55,000	50,000	105,000	105,000
Federal Aviation Admin	0	0	0	0	990,000	900,000	1,890,000	1,890,000
FL DOT	0	0	0	0	55,000	50,000	105,000	105,000
Total Revenues:	0	0	0	0	1,100,000	1,000,000	2,100,000	2,100,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Automotive Equipment	0	0	0	0	1,100,000	1,000,000	2,100,000	2,100,000
Total Expenditures:	0	0	0	0	1,100,000	1,000,000	2,100,000	2,100,000

COUNTY OF VOLUSIA

Roof Rehabilitation - TSA Checkpoint Location

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-4503

Description/Justification for Capital and Operating

Rehabilitation of the TSA Checkpoint terminal roof will complete the terminal's roof rehabilitation project.

Project Reference

Anticipate FDOT funding at 50% and Airport funding at 50%.

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Daytona Beach International	0	0	0	0	300,000	0	300,000	300,000
FL DOT	0	0	0	0	300,000	0	300,000	300,000
Total Revenues:	0	0	0	0	600,000	0	600,000	600,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	0	0	600,000	0	600,000	600,000
Total Expenditures:	0	0	0	0	600,000	0	600,000	600,000

COUNTY OF VOLUSIA

Rotating Beacon Tower Replacement

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-9999

Description/Justification for Capital and Operating

Rehabilitate Airport Beacons - [Reqd by Part 139 only]

This project includes the removal and replacement of the airport beacon tower with a foundation. The airport beacon is in excess of thirty (30) years old. It was last rehabilitated approximately twenty (20) years ago.

Project Reference

Anticipate FAA funding at 90%, FDOT funding at 5% and Airport funding at 5%.

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Daytona Beach International	0	0	0	0	0	15,000	15,000	15,000
Federal Aviation Admin	0	0	0	0	0	270,000	270,000	270,000
FL DOT	0	0	0	0	0	15,000	15,000	15,000
Total Revenues:	0	0	0	0	0	300,000	300,000	300,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	0	0	0	300,000	300,000	300,000
Total Expenditures:	0	0	0	0	0	300,000	300,000	300,000

COUNTY OF VOLUSIA

Runway 25R RSA Improvements - Design and Construction

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 at 90%, FDOT funding at 5% and Airport funding at 5%.

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Daytona Beach International	0	0	0	0	2,500	54,500	57,000	57,000
Federal Aviation Admin	0	0	0	0	45,000	981,000	1,026,000	1,026,000
FL DOT	0	0	0	0	2,500	54,500	57,000	57,000
Total Revenues:	0	0	0	0	50,000	1,090,000	1,140,000	1,140,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Design	0	0	0	0	50,000	0	50,000	50,000
Improvements Other Than Buildings	0	0	0	0	0	1,090,000	1,090,000	1,090,000
Total Expenditures:	0	0	0	0	50,000	1,090,000	1,140,000	1,140,000

COUNTY OF VOLUSIA

Runway 7R-25L Rehabilitation - Design & Construction

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-9999

Description/Justification for Capital and Operating

This project consists of the rehabilitation of Runway 7L-25R.

This project is in response to the findings of the FDOT Statewide Airfield Pavement Management Program Inspection conducted in January 2012. Runway 7L-25R is in Good condition and is in need of rehabilitation. The PCI is 100.

Project Reference

Anticipate FAA funding at 90%, FDOT funding at 5% and Airport funding at 5%.

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Daytona Beach International	0	0	0	0	0	25,000	25,000	25,000
Federal Aviation Admin	0	0	0	0	0	450,000	450,000	450,000
FL DOT	0	0	0	0	0	25,000	25,000	25,000
Total Revenues:	0	0	0	0	0	500,000	500,000	500,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Design	0	0	0	0	0	500,000	500,000	500,000
Total Expenditures:	0	0	0	0	0	500,000	500,000	500,000

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

Maintenance (FY'21) and removal (FY'23) of all stormwater ponds based on recommendation from 2009 Wildlife Hazard Assessment.

Project Reference

Anticipate FAA funding at 90%, FDOT funding at 5%, Airport funding at 5%.

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Daytona Beach International	0	0	0	0	80,000	0	80,000	80,000
Federal Aviation Admin	0	0	0	0	1,440,000	0	1,440,000	1,440,000
FL DOT	0	0	0	0	80,000	0	80,000	80,000
Total Revenues:	0	0	0	0	1,600,000	0	1,600,000	1,600,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	0	0	1,600,000	0	1,600,000	1,600,000
Total Expenditures:	0	0	0	0	1,600,000	0	1,600,000	1,600,000

COUNTY OF VOLUSIA

Strategic Intermodal 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

Project is dependent on the FDOT planned projects for SR400 and SR483. Anticipate FDOT funding at 50% and Airport funding at 50%.

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Daytona Beach International	0	0	0	2,500,000	0	0	2,500,000	2,500,000
FL DOT	0	0	0	2,500,000	0	0	2,500,000	2,500,000
Total Revenues:	0	0	0	5,000,000	0	0	5,000,000	5,000,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	0	5,000,000	0	0	5,000,000	5,000,000
Total Expenditures:	0	0	0	5,000,000	0	0	5,000,000	5,000,000

COUNTY OF VOLUSIA

Taxiway Echo Run-up Ramp - Design and Construction

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

Council budget authority approved on December 17, 2015 for total estimated project cost, \$2,000,000; updated project estimate is \$1.2 million. Anticipate FDOT funding at 50% and ERAU funding at 50%.

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
ERAU	0	0	600,000	0	0	0	600,000	600,000
FL DOT	0	0	600,000	0	0	0	600,000	600,000
Total Revenues:	0	0	1,200,000	0	0	0	1,200,000	1,200,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Design	0	0	120,000	0	0	0	120,000	120,000
Improvements Other Than Buildings	0	0	1,080,000	0	0	0	1,080,000	1,080,000
Total Expenditures:	0	0	1,200,000	0	0	0	1,200,000	1,200,000

COUNTY OF VOLUSIA

Taxiway November - Design and Construction

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

Capital Project Schedule (CPS) # DAB-AF/PAV-01, Council budget authority approved on August 17, 2017, total estimated project cost, \$20,000,000 for FY'17 & FY'18. FAA funding at 90%, FDOT funding at 5% and Airport funding at 5%.

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Daytona Beach International	110,879	436,700	563,300	500,000	500,000	0	2,000,000	2,110,879
Federal Aviation Admin	1,924,308	7,860,600	10,139,400	9,000,000	9,000,000	0	36,000,000	37,924,308
FL DOT	102,934	436,700	563,300	500,000	500,000	0	2,000,000	2,102,934
Total Revenues:	2,138,121	8,734,000	11,266,000	10,000,000	10,000,000	0	40,000,000	42,138,121

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Design	2,138,121	0	0	0	0	0	0	2,138,121
Improvements Other Than Buildings	0	8,734,000	11,266,000	10,000,000	10,000,000	0	40,000,000	40,000,000
Total Expenditures:	2,138,121	8,734,000	11,266,000	10,000,000	10,000,000	0	40,000,000	42,138,121

COUNTY OF VOLUSIA

Taxiway Sierra Extension - Design and Construction

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-4520

Description/Justification for Capital and Operating

Taxiway Sierra Extension design and construction

The purpose of this project is to extend Taxiway Sierra to a ramp that ties with the planned ERAU technology park facilities. County of Volusia will be the Agency however the local portion will be paid by ERAU.

Project Reference

Capital Project Schedule # DAB-AF/PAV-02. Council approved budget authority on June 4, 2015 and Construction Contract # C-1618 on July 20, 2017 in the amount of \$708,050.65. FDOT funded at 50% and ERAU funded at 50%. Any additional expenses will be paid by ERAU.

REVENUE SOURCE:

Table with 9 columns: Budget Object Name, Prior Years, FY 2017-18, FY 2018-19, FY 2019-20, FY 2020-21, FY 2021-22, Total Years 1-5, Total Amount. Rows include ERAU, FL DOT, and Total Revenues.

CAPITAL IMPROVEMENT EXPENDITURE:

Table with 9 columns: Budget Object Name, Prior Years, FY 2017-18, FY 2018-19, FY 2019-20, FY 2020-21, FY 2021-22, Total Years 1-5, Total Amount. Rows include Design, Improvements Other Than Buildings, and Total Expenditures.

COUNTY OF VOLUSIA

Taxiway Sierra Rehabilitation Design & Construction

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 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 at 90%, FDOT funding at 5%, and Airport funding at 5%.

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	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
Total Revenues:	0	0	0	0	400,000	4,000,000	4,400,000	4,400,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Design	0	0	0	0	400,000	0	400,000	400,000
Improvements Other Than Buildings	0	0	0	0	0	4,000,000	4,000,000	4,000,000
Total Expenditures:	0	0	0	0	400,000	4,000,000	4,400,000	4,400,000

COUNTY OF VOLUSIA

Terminal Air Handlers - Design and Construction

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

Capital Project Schedule (CPS) # DAB-TER-02, Council budget authority approved on April 20, 2017 for total estimated project cost, \$2,800,000. FDOT Grant funding at 50% and Airport funding at 50%. Anticipate completion date of this project February 2018.

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Daytona Beach International	231,772	1,164,472	0	0	0	0	1,164,472	1,396,244
FL DOT	231,771	1,164,472	0	0	0	0	1,164,472	1,396,243
Total Revenues:	463,543	2,328,944	0	0	0	0	2,328,944	2,792,487

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Design	113,100	0	0	0	0	0	0	113,100
Improvements Other Than Buildings	350,443	2,328,944	0	0	0	0	2,328,944	2,679,387
Total Expenditures:	463,543	2,328,944	0	0	0	0	2,328,944	2,792,487

COUNTY OF VOLUSIA

Terminal Chiller Replacement - Design and 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 construction 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 Airport funding at 50%.

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Daytona Beach International	0	0	25,000	250,000	250,000	300,000	825,000	825,000
FL DOT	0	0	25,000	250,000	250,000	300,000	825,000	825,000
Total Revenues:	0	0	50,000	500,000	500,000	600,000	1,650,000	1,650,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Design	0	0	50,000	0	0	0	50,000	50,000
Improvements Other Than Buildings	0	0	0	500,000	500,000	600,000	1,600,000	1,600,000
Total Expenditures:	0	0	50,000	500,000	500,000	600,000	1,650,000	1,650,000

COUNTY OF VOLUSIA

Terminal Emergency Generator Design and Generator Replacement for Fire Pump

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-4004

Description/Justification for Capital and Operating

Terminal emergency generator design and replacement generator for fire pump, only.

The design for all terminal generators is complete. This construction project includes replacement of the fire pump generator and all associated electrical work. The estimated completion date is April 30, 2018.

Remainder of terminal emergency generator rehabilitation and construction has been scheduled for fiscal year 2023.

Project Reference

Capital Project Schedule (CPS) # DAB-TER-08. Council budget authority approved on March 3, 2016. Solicitation for this project closed on October 5, 2017. FDOT funding at 50% and Airport funding at 50%.

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Daytona Beach International	61,750	87,500	0	0	0	0	87,500	149,250
FL DOT	61,750	87,500	0	0	0	0	87,500	149,250
Total Revenues:	123,500	175,000	0	0	0	0	175,000	298,500

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Design	123,500	0	0	0	0	0	0	123,500
Improvements Other Than Buildings	0	175,000	0	0	0	0	175,000	175,000
Total Expenditures:	123,500	175,000	0	0	0	0	175,000	298,500

COUNTY OF VOLUSIA

Terminal Renovations - Design and Construction

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 (CPS) # DAB-TER-07, Council approved pre-construction services on March 16, 2017. Airport will fund this project at 100%.

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Daytona Beach International	71,527	728,473	11,200,000	0	0	0	11,928,473	12,000,000
Total Revenues:	71,527	728,473	11,200,000	0	0	0	11,928,473	12,000,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Other	0	0	11,200,000	0	0	0	11,200,000	11,200,000
Design	71,527	728,473	0	0	0	0	728,473	800,000
Total Expenditures:	71,527	728,473	11,200,000	0	0	0	11,928,473	12,000,000

COUNTY OF VOLUSIA

Update Master Plan

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-4515

Description/Justification for Capital and Operating

Update Airport Master Plan Study

This project will update the approved Airport Master Plan dated 2003. There are major elements such as a new runway that are either no longer in the long range plan or new elements that have been added. This plan will take current information into effect, making the document a vital planning tool.

This project will be completed on or prior to February 2019.

Project Reference

Council budget authority approved on November 17, 2016. Council approved the contract on January 5, 2017 in the amount of \$1,851,516. FAA funded at 90%, FDOT funded at 5% and Airport funded at 5%.

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Daytona Beach International	8,507	84,244	0	0	0	0	84,244	92,751
Federal Aviation Admin	153,122	1,516,392	0	0	0	0	1,516,392	1,669,514
FL DOT	8,507	84,244	0	0	0	0	84,244	92,751
Total Revenues:	170,136	1,684,880	0	0	0	0	1,684,880	1,855,016

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Design	170,136	1,684,880	0	0	0	0	1,684,880	1,855,016
Total Expenditures:	170,136	1,684,880	0	0	0	0	1,684,880	1,855,016

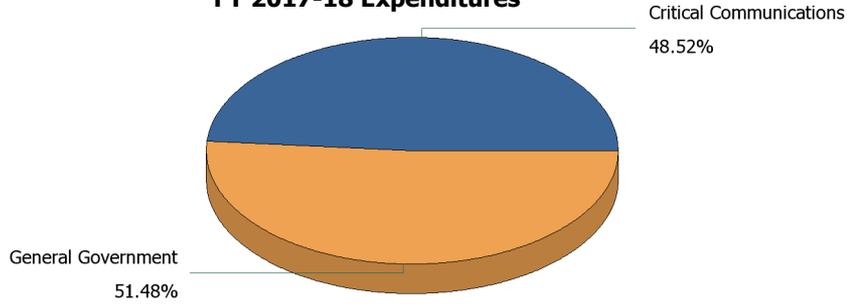
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COUNTY OF VOLUSIA

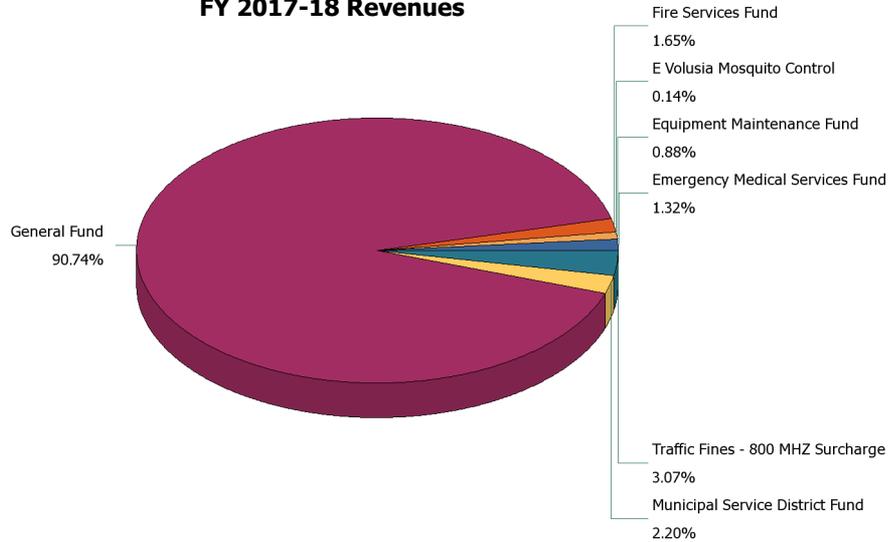
Business Services

FY 2017-18 Expenditures



Division	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Critical Communications	587,541	8,458,535	8,500,311	2,103,613	0	0	19,650,000
General Government	195,477	8,975,100	3,877,312	4,205,000	2,420,000	1,050,000	20,722,889
Total Expenditures	783,018	17,433,635	12,377,623	6,308,613	2,420,000	1,050,000	40,372,889

FY 2017-18 Revenues



Revenue Source	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Emergency Medical Services Fund	500,859	166,953	0	0	0	0	667,812
Equipment Maintenance Fund	0	111,100	0	0	0	0	111,100
E Volusia Mosquito Control	54,750	18,250	0	0	0	0	73,000
Fire Services Fund	695,341	208,447	0	0	0	0	903,788
General Fund	9,521,803	11,441,923	5,580,010	4,205,000	2,420,000	1,050,000	34,218,736
Municipal Service District Fund	893,200	276,900	0	0	0	0	1,170,100
Traffic Fines - 800 MHZ Surcharge	2,191,764	386,589	386,589	263,411	0	0	3,228,353
Total Revenues	13,857,717	12,610,162	5,966,599	4,468,411	2,420,000	1,050,000	40,372,889

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COUNTY OF VOLUSIA

Business Services - Critical Communications

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2017-18 Year 1	FY 2018-19 Year 2	FY 2019-20 Year 3	FY 2020-21 Year 4	FY 2021-22 Year 5	Total Amount
800 MHz Backbone Infrastructure Project	276,132	5,461,589	4,508,666	1,453,613	0	0	11,700,000
800 MHz Radio Replacement	311,409	2,996,946	3,991,645	0	0	0	7,300,000
De Leon Springs Radio Tower	0	0	0	650,000	0	0	650,000
TOTAL EXPENDITURES	587,541	8,458,535	8,500,311	2,103,613	0	0	19,650,000

REVENUE SOURCE:

Project Title	Prior Years	FY 2017-18 Year 1	FY 2018-19 Year 2	FY 2019-20 Year 3	FY 2020-21 Year 4	FY 2021-22 Year 5	Total Amount
Emergency Medical Services Fund	500,859	166,953	0	0	0	0	667,812
E Volusia Mosquito Control	54,750	18,250	0	0	0	0	73,000
Fire Services Fund	695,341	208,447	0	0	0	0	903,788
General Fund	5,926,326	5,977,923	1,702,698	0	0	0	13,606,947
Municipal Service District Fund	893,200	276,900	0	0	0	0	1,170,100
Traffic Fines - 800 MHZ Surcharge	2,191,764	386,589	386,589	263,411	0	0	3,228,353
TOTAL REVENUES	10,262,240	7,035,062	2,089,287	263,411	0	0	19,650,000

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 2018-19, the County will begin migration of the radio system to P25. The initial step will be to issue a competitive solicitation for a new microwave system. The microwave system is estimated to cost \$1.5 million, which is part of the \$11.7 million total project cost.

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. The 800 Mhz Radio Replacement project is a companion project to the Backbone Infrastructure project.

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	3,192,557	5,150,000	779,090	0	0	0	5,929,090	9,121,647
Traffic Fines - 800 MHz Surcharge	2,191,764	386,589	0	0	0	0	386,589	2,578,353
Total Revenues:	5,384,321	5,536,589	779,090	0	0	0	6,315,679	11,700,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Engineering	0	75,000	50,000	0	0	0	125,000	125,000
Improvements Other Than Buildings	164,022	0	0	0	0	0	0	164,022
Other Equipment	112,110	5,386,589	4,458,666	1,453,613	0	0	11,298,868	11,410,978
Total Expenditures:	276,132	5,461,589	4,508,666	1,453,613	0	0	11,423,868	11,700,000

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 2018-19, 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. In the fall of 2017, the County will begin working with a radio system consultant on various purchasing options for the new P25 radio system. In 2018, an RFP will be issued for a new microwave system as it must be in place for the new P25 backbone radio equipment.

Project Reference

800 MHz Backbone Infrastructure Project

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Emergency Medical Services Fund	500,859	166,953	0	0	0	0	166,953	667,812
E Volusia Mosquito Control	54,750	18,250	0	0	0	0	18,250	73,000
Fire Services Fund	695,341	208,447	0	0	0	0	208,447	903,788
General Fund	2,733,769	827,923	923,608	0	0	0	1,751,531	4,485,300
Municipal Service District Fund	893,200	276,900	0	0	0	0	276,900	1,170,100
Total Revenues:	4,877,919	1,498,473	923,608	0	0	0	2,422,081	7,300,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Other Equipment	311,409	2,996,946	3,991,645	0	0	0	6,988,591	7,300,000
Total Expenditures:	311,409	2,996,946	3,991,645	0	0	0	6,988,591	7,300,000

COUNTY OF VOLUSIA
De Leon Springs Radio Tower

Department: Business Services

Location: De Leon Springs 800 MHz Tower Site

CIP Category: Critical Communications

Account Number: 305-930-4605

Description/Justification for Capital and Operating

In fiscal year 2017-18, the County will undertake a financial analysis to determine whether to continue its lease with American Tower, Inc. at its De Leon Springs tower site or to fund a new tower through a possible private/public partnership. Currently the County pays \$41,224/year for a lease that escalates at 3% annually. Costs for a new 300 ft. tower are estimated to be \$650,000 without land. There is available county-owned property in the De Leon Springs area for a tower site. If the County determines it is financially advantageous to build a tower, actual tower construction is projected to start in fiscal year 2019-20.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Traffic Fines - 800 MHZ Surcharge	0	0	386,589	263,411	0	0	650,000	650,000
Total Revenues:	0	0	386,589	263,411	0	0	650,000	650,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	0	650,000	0	0	650,000	650,000
Total Expenditures:	0	0	0	650,000	0	0	650,000	650,000

COUNTY OF VOLUSIA

Business Services - General Government

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2017-18 Year 1	FY 2018-19 Year 2	FY 2019-20 Year 3	FY 2020-21 Year 4	FY 2021-22 Year 5	Total Amount
Court/Central Services Warehouse	0	3,400,000	0	0	0	0	3,400,000
Courts - Carpet Replacement	0	335,000	0	635,000	305,000	200,000	1,475,000
Courts - City Island Courthouse Annex	0	355,000	820,000	300,000	0	0	1,475,000
Courts - Courthouse Improvements	0	0	0	1,000,000	0	0	1,000,000
Court Security - Improvements and Upgrades	0	100,000	150,000	0	0	0	250,000
Courts - Roofs	0	400,000	150,000	25,000	0	0	575,000
Courts - S. James Foxman Justice Center	0	550,000	0	0	0	0	550,000
Courts - Volusia County Courthouse	0	50,000	250,000	300,000	700,000	0	1,300,000
DeLand Data Center Floor Replacement	195,477	90,000	0	0	0	0	285,477
Facilities - Carpentry and Painting	0	435,000	380,000	420,000	100,000	100,000	1,435,000
Facilities - Electrical	0	440,000	0	0	0	0	440,000
Facilities - Emergency Operations and Sheriff's Communications Center (EOSCC)	0	0	0	50,000	175,000	0	225,000
Facilities - Flooring	0	239,000	42,312	195,000	460,000	150,000	1,086,312
Facilities - Historic Courthouse	0	250,000	300,000	250,000	0	0	800,000
Facilities - HVAC	0	245,000	0	0	0	0	245,000
Facilities - Maintenance and Repairs	0	0	0	700,000	350,000	350,000	1,400,000
Facilities - Plumbing	0	25,000	0	0	0	0	25,000
Facilities - Roofs	0	530,000	865,000	250,000	250,000	250,000	2,145,000
Facilities - Thomas C. Kelly Administration Building	0	1,170,000	920,000	80,000	80,000	0	2,250,000
Fleet - DeLand Transfer Station Fuel Site Road and Canopy Replacement	0	41,800	0	0	0	0	41,800
Fleet - Osteen Fuel Site Canopy Replacement	0	69,300	0	0	0	0	69,300
Security - Improvements and Upgrades	0	250,000	0	0	0	0	250,000
TOTAL EXPENDITURES	195,477	8,975,100	3,877,312	4,205,000	2,420,000	1,050,000	20,722,889

REVENUE SOURCE:

Project Title	Prior Years	FY 2017-18 Year 1	FY 2018-19 Year 2	FY 2019-20 Year 3	FY 2020-21 Year 4	FY 2021-22 Year 5	Total Amount
Equipment Maintenance Fund	0	111,100	0	0	0	0	111,100
General Fund	3,595,477	5,464,000	3,877,312	4,205,000	2,420,000	1,050,000	20,611,789
TOTAL REVENUES	3,595,477	5,575,100	3,877,312	4,205,000	2,420,000	1,050,000	20,722,889

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

This property was deeded to Embry Riddle University and must be vacated by 2019. This project is part of the core services infrastructure plan presented to Council on May 21, 2015.

Construction Completion Date is estimated at December 2018.

The budget breakdown is as follows:

Construction Cost: \$2,500,000
 A/E Fees: \$325,350
 CM Fees: \$150,000
 Wetland Mitigation: \$150,000
 Permit/Impact Fees: \$150,000
 Equipment: \$124,650
 TOTAL: \$3,400,000

Project Reference

Capital Project Schedule: BS-CES-1

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	3,400,000	0	0	0	0	0	0	3,400,000
Total Revenues:	3,400,000	0	0	0	0	0	0	3,400,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	0	3,074,650	0	0	0	0	3,074,650	3,074,650
Engineering	0	325,350	0	0	0	0	325,350	325,350
Total Expenditures:	0	3,400,000	0	0	0	0	3,400,000	3,400,000

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

Carpet replacement at various county court facilities.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	335,000	0	635,000	305,000	200,000	1,475,000	1,475,000
Total Revenues:	0	335,000	0	635,000	305,000	200,000	1,475,000	1,475,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	0	335,000	0	635,000	305,000	200,000	1,475,000	1,475,000
Total Expenditures:	0	335,000	0	635,000	305,000	200,000	1,475,000	1,475,000

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 2017-18: \$25,000
 Upgrade fixtures in the bathrooms.

Envelope Resealing
 Fiscal Year 2017-18: \$300,000
 Concrete repairs on the building around the windows.

Plumbing Engineering
 Fiscal Year 2017-18: \$30,000

Plumbing Refurbishing and Infrastructure Replacement
 Fiscal Year 2018-19: \$370,000
 Engineering for upgrading the current plumbing infrastructure of the building and installing the new infrastructure.

HVAC Replacement
 Fiscal Year 2018-19: \$450,000
 Replace the current HVAC condensing units in the building.

Variable Air Volume (VAV) and Heater Replacement
 Fiscal Year 2019-20: \$300,000
 Replace the current VAV and heater system in the building.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	355,000	820,000	300,000	0	0	1,475,000	1,475,000
Total Revenues:	0	355,000	820,000	300,000	0	0	1,475,000	1,475,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	0	325,000	820,000	300,000	0	0	1,445,000	1,445,000
Engineering	0	30,000	0	0	0	0	30,000	30,000
Total Expenditures:	0	355,000	820,000	300,000	0	0	1,475,000	1,475,000

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.

Project Reference

Spatial Study Bid #16-SQ-117KW

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	0	0	1,000,000	0	0	1,000,000	1,000,000
Total Revenues:	0	0	0	1,000,000	0	0	1,000,000	1,000,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	0	0	0	1,000,000	0	0	1,000,000	1,000,000
Total Expenditures:	0	0	0	1,000,000	0	0	1,000,000	1,000,000

COUNTY OF VOLUSIA

Court Security - Improvements and Upgrades

Department: Business Services

Location: Various County Court Facilities

CIP Category: General Government

Account Number: 001-870-4301

Description/Justification for Capital and Operating

Volusia County Courthouse (101 North Alabama Avenue, DeLand)

Fiscal Year 2017-18: \$50,000

Fiscal Year 2018-19: \$50,000

Upgrade the video system to high resolution video cameras.

S. James Foxman Justice Center (251 North Ridgewood Avenue, Daytona Beach)

Fiscal Year 2017-18: \$50,000

Fiscal Year 2018-19: \$50,000

Upgrade the current security cameras located at the facility.

City Island Courthouse Annex (125 East Orange Avenue, Daytona Beach)

Fiscal Year 2018-19: \$50,000

Increase the number of security cameras currently installed at the facility for increased security measures.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	100,000	150,000	0	0	0	250,000	250,000
Total Revenues:	0	100,000	150,000	0	0	0	250,000	250,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	0	100,000	150,000	0	0	0	250,000	250,000
Total Expenditures:	0	100,000	150,000	0	0	0	250,000	250,000

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

Fiscal Year 2017-18

State Attorney (440 South Beach Street, Daytona Beach): Roof Engineering and Replacement \$200,000

Fiscal Year 2017-18

Clerk Record Center (235 West New York Avenue, DeLand): Roof Replacement \$200,000

Fiscal Year 2018-19

Public Defender (442 South Beach Street, Daytona Beach): Roof Replacement

Fiscal Year 2019-20

New Smyrna Beach Court Annex (124 North Riverside Drive, New Smyrna Beach): Roof Inspection and Evaluation

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	400,000	150,000	25,000	0	0	575,000	575,000
Total Revenues:	0	400,000	150,000	25,000	0	0	575,000	575,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	0	400,000	150,000	25,000	0	0	575,000	575,000
Total Expenditures:	0	400,000	150,000	25,000	0	0	575,000	575,000

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

Replace the existing HVAC system and the screen wall that protects the system from the elements. Also, phase two of the HVAC Variable Air Volume (VAV) Replacement.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	550,000	0	0	0	0	550,000	550,000
Total Revenues:	0	550,000	0	0	0	0	550,000	550,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	0	550,000	0	0	0	0	550,000	550,000
Total Expenditures:	0	550,000	0	0	0	0	550,000	550,000

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

Fiscal Year 2017-18

Parking Garage concrete and drainage engineering to repair and upgrade the current drainage issues in the courthouse parking garage.

Fiscal Year 2018-19

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

Fiscal Year 2019-20

Concrete work to repair and upgrade the current drainage issues in the courthouse parking garage based on engineering report.

Fiscal Year 2020-21

Replace the existing flat roof sections of the courthouse.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	50,000	250,000	300,000	700,000	0	1,300,000	1,300,000
Total Revenues:	0	50,000	250,000	300,000	700,000	0	1,300,000	1,300,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	0	0	250,000	300,000	700,000	0	1,250,000	1,250,000
Engineering	0	50,000	0	0	0	0	50,000	50,000
Total Expenditures:	0	50,000	250,000	300,000	700,000	0	1,300,000	1,300,000

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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	195,477	90,000	0	0	0	0	90,000	285,477
Total Revenues:	195,477	90,000	0	0	0	0	90,000	285,477

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	166,235	90,000	0	0	0	0	90,000	256,235
Improvements Other Than Buildings	29,242	0	0	0	0	0	0	29,242
Total Expenditures:	195,477	90,000	0	0	0	0	90,000	285,477

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

Fiscal Year 2017-18:

- Beach Headquarters - Install storm doors on the east side of the facility - \$25,000
- Lifeguard Towers - Repair and replacement of hardware at existing lifeguard towers - \$60,000
- Sheriff's Operations - Improvements to the front lobby, windows, and frames - \$50,000
- Old Elections - Demolition - \$100,000
- Old Elections - Information Technology Hub - \$100,000
- Various County Facilities - Interior and exterior painting at various county facilities - \$100,000

Fiscal Year 2018-19:

- DeLand Campus Improvements - Improvements to the county's DeLand administration campus - \$300,000
- Facilities Building - Reconfigure the existing warehouse space in the Facilities building - \$60,000
- Dunlawton Lifeguard Tower - Engineering for redesign and upgrade \$20,000

Fiscal Year 2019-20:

- Dunlawton Lifeguard Tower - Resign and upgrades to the existing tower - \$180,000
- Sun Splash Park - Upgrades to the current control tower - \$140,000
- Various County Facilities - Interior and exterior painting at various county facilities - \$100,000

Fiscal Year 2020-21:

- Various County Facilities - Interior and exterior painting at various county facilities - \$100,000

Fiscal Year 2021-22:

- Various County Facilities - Interior and exterior painting at various county facilities - \$100,000

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	435,000	380,000	420,000	100,000	100,000	1,435,000	1,435,000
Total Revenues:	0	435,000	380,000	420,000	100,000	100,000	1,435,000	1,435,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	0	435,000	360,000	420,000	100,000	100,000	1,415,000	1,415,000
Engineering	0	0	20,000	0	0	0	20,000	20,000
Total Expenditures:	0	435,000	380,000	420,000	100,000	100,000	1,435,000	1,435,000

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 - Evaluate existing conduits, generator, and main exterior electrical panels to develop a replacement design plan for these items for the Marine Science Center - \$30,000

Marine Science Center - Upgrade and replace electrical components that were identified in the electrical upgrade design plan - \$200,000

Daytona Beach Information Technology - Replace existing north generator at facility - \$210,000

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	440,000	0	0	0	0	440,000	440,000
Total Revenues:	0	440,000	0	0	0	0	440,000	440,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	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
Total Expenditures:	0	440,000	0	0	0	0	440,000	440,000

COUNTY OF VOLUSIA

Facilities - Emergency Operations and Sheriff's Communications Center (EOSCC)

Department: Business Services

Location: 3825 Tiger Bay Road, Daytona Beach

CIP Category: General Government

Account Number: 001-870-4200

Description/Justification for Capital and Operating

Fiscal Year 2019-20:

Replace the current capacitors that are part of the battery backup system for the main electrical service for the entire facility.

Fiscal Year 2020-21:

Replace the current Uninterruptible Power Supply (UPS) batteries at the EOSCC. The UPS batteries are the battery backup for the main electrical service for the entire facility. The batteries need to be replaced every five years.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	0	0	50,000	175,000	0	225,000	225,000
Total Revenues:	0	0	0	50,000	175,000	0	225,000	225,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	0	0	0	50,000	175,000	0	225,000	225,000
Total Expenditures:	0	0	0	50,000	175,000	0	225,000	225,000

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

Fiscal Year 2017-18:

Agricultural Extension Center - Replace the existing flooring in the auditorium and offices - \$74,000

Fiscal Year 2017-18 through Fiscal Year 2021-22

Carpet Replacement at various county facilities.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	239,000	42,312	195,000	460,000	150,000	1,086,312	1,086,312
Total Revenues:	0	239,000	42,312	195,000	460,000	150,000	1,086,312	1,086,312

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	0	239,000	42,312	195,000	460,000	150,000	1,086,312	1,086,312
Total Expenditures:	0	239,000	42,312	195,000	460,000	150,000	1,086,312	1,086,312

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

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	250,000	300,000	250,000	0	0	800,000	800,000
Total Revenues:	0	250,000	300,000	250,000	0	0	800,000	800,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	0	250,000	300,000	250,000	0	0	800,000	800,000
Total Expenditures:	0	250,000	300,000	250,000	0	0	800,000	800,000

COUNTY OF VOLUSIA

Facilities - HVAC

Department: Business Services

Location: Various County Facilities

CIP Category: General Government

Account Number: 001-870-4200

Description/Justification for Capital and Operating

HVAC Replacement:
Sheriff's Training Facility - \$200,000
DeLand Information Technology - \$45,000

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	245,000	0	0	0	0	245,000	245,000
Total Revenues:	0	245,000	0	0	0	0	245,000	245,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	0	245,000	0	0	0	0	245,000	245,000
Total Expenditures:	0	245,000	0	0	0	0	245,000	245,000

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

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:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	0	0	700,000	350,000	350,000	1,400,000	1,400,000
Total Revenues:	0	0	0	700,000	350,000	350,000	1,400,000	1,400,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	0	0	0	700,000	350,000	350,000	1,400,000	1,400,000
Total Expenditures:	0	0	0	700,000	350,000	350,000	1,400,000	1,400,000

COUNTY OF VOLUSIA
Facilities - Plumbing

Department: Business Services

Location: Tiger Bay Road

CIP Category: General Government

Account Number: 001-870-4200

Description/Justification for Capital and Operating

Replace the existing lift station that supplies the county facilities located on Tiger Bay Road, Daytona Beach

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	25,000	0	0	0	0	25,000	25,000
Total Revenues:	0	25,000	0	0	0	0	25,000	25,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	0	25,000	0	0	0	0	25,000	25,000
Total Expenditures:	0	25,000	0	0	0	0	25,000	25,000

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

Roof replacement, repair, and inspections projects

Fiscal Year 2017-18:

- Emergency Medical Services - \$40,000
- Marine Science Center - \$200,000
- Medical Examiner - \$250,000
- Ponce Inlet Tower - \$40,000

Fiscal Year 2018-19:

- Sheriff Aviation Hanger - \$25,000
- Halifax Clinic - \$200,000
- Facilities Management - \$240,000
- Halifax Historical Society Museum - \$150,000

Roof Replacements as identified from the annual roof inspections

- Fiscal Year 2018-19: \$250,000
- Fiscal Year 2019-20: \$250,000
- Fiscal Year 2020-21: \$250,000
- Fiscal Year 2021-22: \$250,000

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	530,000	865,000	250,000	250,000	250,000	2,145,000	2,145,000
Total Revenues:	0	530,000	865,000	250,000	250,000	250,000	2,145,000	2,145,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	0	480,000	865,000	250,000	250,000	250,000	2,095,000	2,095,000
Engineering	0	50,000	0	0	0	0	50,000	50,000
Total Expenditures:	0	530,000	865,000	250,000	250,000	250,000	2,145,000	2,145,000

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

Fiscal Year 2017-18:

- Replace existing life safety generator for the administration building - \$80,000
- Engineering for the replacement of the fountain at the administration building - \$50,000
- Replace existing modular furniture on the first, second, third, and fourth floors of the administration building - \$350,000
- Replace IT Cabling during the modular furniture replacement at the administration building - \$40,000
- Installing new window panes and resealing the windows on the first and second floor of the administration building - \$250,000
- Replace the current condenser water piping for the chillers at the administration building - \$50,000
- Upgrade the elevator controller and electrical components at the administration building - \$250,000
- Bathroom Renovations on the first, second, third, and fourth floors - \$100,000

Fiscal Year 2018-19:

- Replace existing modular furniture on the first, second, third, and fourth floors of the administration building - \$350,000
- Replace IT Cabling during the modular furniture replacement at the administration building - \$40,000
- Installing new window panes and resealing the windows on the first and second floor of the administration building - \$350,000
- Bathroom Renovations on the first, second, third, and fourth floors - \$100,000
- Wellness Center Restrooms and Showers Renovation - \$80,000

Fiscal Year 2019-20:

- Bathroom Renovations on the first, second, third, and fourth floors - \$80,000

Fiscal Year 2020-21:

- Bathroom Renovations on the first, second, third, and fourth floors - \$80,000

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	1,170,000	920,000	80,000	80,000	0	2,250,000	2,250,000
Total Revenues:	0	1,170,000	920,000	80,000	80,000	0	2,250,000	2,250,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	0	1,120,000	920,000	80,000	80,000	0	2,200,000	2,200,000
Engineering	0	50,000	0	0	0	0	50,000	50,000
Total Expenditures:	0	1,170,000	920,000	80,000	80,000	0	2,250,000	2,250,000

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

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

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Equipment Maintenance Fund	0	41,800	0	0	0	0	41,800	41,800
Total Revenues:	0	41,800	0	0	0	0	41,800	41,800

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	41,800	0	0	0	0	41,800	41,800
Total Expenditures:	0	41,800	0	0	0	0	41,800	41,800

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:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Equipment Maintenance Fund	0	69,300	0	0	0	0	69,300	69,300
Total Revenues:	0	69,300	0	0	0	0	69,300	69,300

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	69,300	0	0	0	0	69,300	69,300
Total Expenditures:	0	69,300	0	0	0	0	69,300	69,300

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 - Re-key all the doors at the administration building - \$100,000

Emergency Operations and Sheriff's Communications Center - Increase the number of cameras at the facility - \$50,000

EVAC Facility - Improvements to the current security system at the facility - \$100,000

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	250,000	0	0	0	0	250,000	250,000
Total Revenues:	0	250,000	0	0	0	0	250,000	250,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	0	250,000	0	0	0	0	250,000	250,000
Total Expenditures:	0	250,000	0	0	0	0	250,000	250,000

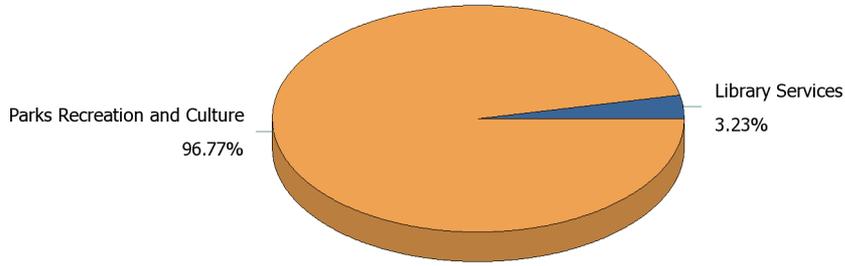
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COUNTY OF VOLUSIA

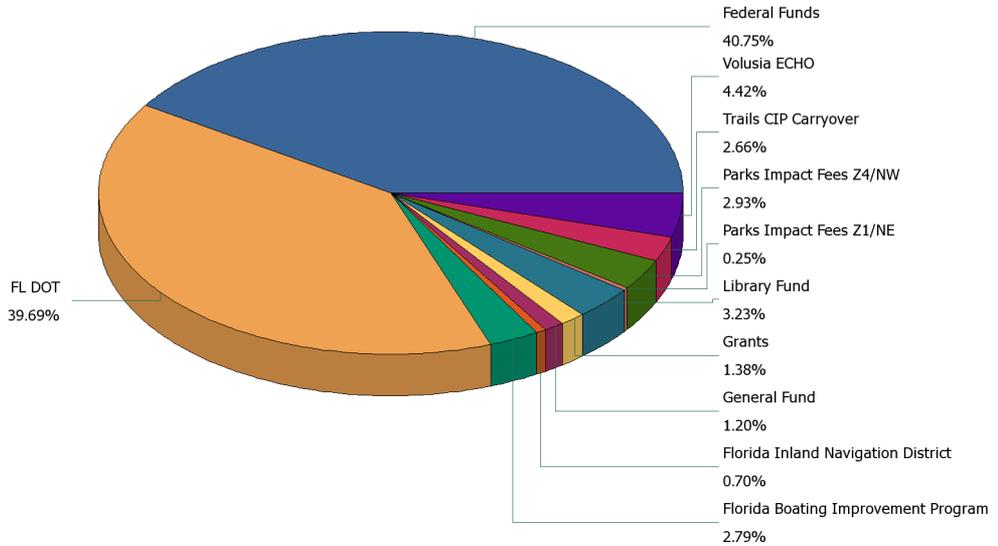
Community Services

FY 2017-18 Expenditures



Division	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Library Services	0	585,000	205,000	495,000	145,000	315,000	1,745,000
Parks Recreation and Culture	2,856,435	17,512,937	379,000	1,145,000	720,000	985,000	23,598,372
Total Expenditures	2,856,435	18,097,937	584,000	1,640,000	865,000	1,300,000	25,343,372

FY 2017-18 Revenues



Revenue Source	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Federal Funds	2,598,698	7,374,472	0	0	0	0	9,973,170
FL DOT	74,077	7,183,507	0	0	0	0	7,257,584
Florida Boating Improvement Progra	125,300	504,061	0	0	0	0	629,361
Florida Inland Navigation District	58,360	127,029	0	0	0	0	185,389
General Fund	0	217,200	379,000	1,145,000	720,000	985,000	3,446,200
Grants	0	250,000	0	0	0	0	250,000
Library Fund	0	585,000	205,000	495,000	145,000	315,000	1,745,000
Parks Impact Fees Z1/NE	0	45,000	0	0	0	0	45,000
Parks Impact Fees Z4/NW	0	529,750	0	0	0	0	529,750
Trails CIP Carryover	0	481,918	0	0	0	0	481,918
Volusia ECHO	0	800,000	0	0	0	0	800,000
Total Revenues	2,856,435	18,097,937	584,000	1,640,000	865,000	1,300,000	25,343,372

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COUNTY OF VOLUSIA

Community Services - Library Services

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2017-18 Year 1	FY 2018-19 Year 2	FY 2019-20 Year 3	FY 2020-21 Year 4	FY 2021-22 Year 5	Total Amount
Library Flooring Projects	0	190,000	60,000	200,000	0	170,000	620,000
Library Paving Parking Lot	0	30,000	0	0	0	0	30,000
Library Renovation Projects	0	365,000	145,000	145,000	145,000	145,000	945,000
Library Roof Projects	0	0	0	150,000	0	0	150,000
TOTAL EXPENDITURES	0	585,000	205,000	495,000	145,000	315,000	1,745,000

REVENUE SOURCE:

Project Title	Prior Years	FY 2017-18 Year 1	FY 2018-19 Year 2	FY 2019-20 Year 3	FY 2020-21 Year 4	FY 2021-22 Year 5	Total Amount
Library Fund	0	585,000	205,000	495,000	145,000	315,000	1,745,000
TOTAL REVENUES	0	585,000	205,000	495,000	145,000	315,000	1,745,000

COUNTY OF VOLUSIA

Library Flooring Projects

Department: Community Services

Location: Various Libraries County-wide

CIP Category: Library Services

Account Number: 104-640-1500

Description/Justification for Capital and Operating

Replacement for countywide library flooring is as follows:

Fiscal year 2017-18: Ormond Beach Regional Library and Lake Helen Public Library

Fiscal year 2018-19: Edgewater Public Library and Orange City Public Library

Fiscal year 2019-20: Deltona Regional Library

Fiscal year 2021-22: Daytona Beach Regional Library

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Library Fund	0	190,000	60,000	200,000	0	170,000	620,000	620,000
Total Revenues:	0	190,000	60,000	200,000	0	170,000	620,000	620,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	0	190,000	60,000	200,000	0	170,000	620,000	620,000
Total Expenditures:	0	190,000	60,000	200,000	0	170,000	620,000	620,000

COUNTY OF VOLUSIA
Library Paving Parking Lot

Department: Community Services

Location: 221 N Euclid Ave

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 Public Library.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Library Fund	0	30,000	0	0	0	0	30,000	30,000
Total Revenues:	0	30,000	0	0	0	0	30,000	30,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	0	30,000	0	0	0	0	30,000	30,000
Total Expenditures:	0	30,000	0	0	0	0	30,000	30,000

COUNTY OF VOLUSIA
Library Renovation Projects

Department: Community Services

Location: Various Libraries County-wide

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.

Fiscal year 2017-18:

- Library Services Center HVAC and Renovations
- Daytona Beach Regional Library Children's HVAC
- Daytona Beach Regional Library HVAC
- Daytona Beach Regional Library Restroom Renovations
- Ormond Beach Regional Library HVAC
- Ormond Beach Regional Library Restroom Renovations

Fiscal years 2018-19 through 2021-22:

- Ormond Beach Regional Library HVAC
- Renovations as needed

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Library Fund	0	365,000	145,000	145,000	145,000	145,000	945,000	945,000
Total Revenues:	0	365,000	145,000	145,000	145,000	145,000	945,000	945,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	0	340,000	120,000	120,000	120,000	120,000	820,000	820,000
Design	0	25,000	25,000	25,000	25,000	25,000	125,000	125,000
Total Expenditures:	0	365,000	145,000	145,000	145,000	145,000	945,000	945,000

COUNTY OF VOLUSIA
Library Roof Projects

Department: Community Services

Location: 103 W Indian River Blvd

CIP Category: Library Services

Account Number: 104-640-1500

Description/Justification for Capital and Operating

Edgewater Public Library roof replacement

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Library Fund	0	0	0	150,000	0	0	150,000	150,000
Total Revenues:	0	0	0	150,000	0	0	150,000	150,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	0	0	0	150,000	0	0	150,000	150,000
Total Expenditures:	0	0	0	150,000	0	0	150,000	150,000

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COUNTY OF VOLUSIA

Community Services - Parks Recreation and Culture

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2017-18 Year 1	FY 2018-19 Year 2	FY 2019-20 Year 3	FY 2020-21 Year 4	FY 2021-22 Year 5	Total Amount
Bicentennial Dog Park Expansion	0	45,000	0	0	0	0	45,000
Central Maintenance Facility	0	0	0	0	0	800,000	800,000
ECRRT Segment 4B	74,077	7,183,507	0	0	0	0	7,257,584
ECRRT Segment 5	2,598,698	7,856,390	0	0	0	0	10,455,088
Highbridge Park Improvements	0	250,000	0	0	0	0	250,000
Interpretative Panels, Maps, Repair Kiosk	0	35,000	35,000	35,000	35,000	35,000	175,000
Lemon Bluff Park	66,940	883,060	0	0	0	0	950,000
Parks Repair & Renovation	0	182,200	344,000	1,110,000	685,000	150,000	2,471,200
Shell Harbor	116,720	1,077,780	0	0	0	0	1,194,500
TOTAL EXPENDITURES	2,856,435	17,512,937	379,000	1,145,000	720,000	985,000	23,598,372

REVENUE SOURCE:

Project Title	Prior Years	FY 2017-18 Year 1	FY 2018-19 Year 2	FY 2019-20 Year 3	FY 2020-21 Year 4	FY 2021-22 Year 5	Total Amount
Federal Funds	2,598,698	7,374,472	0	0	0	0	9,973,170
FL DOT	74,077	7,183,507	0	0	0	0	7,257,584
Florida Boating Improvement Program	125,300	504,061	0	0	0	0	629,361
Florida Inland Navigation District	58,360	127,029	0	0	0	0	185,389
General Fund	0	217,200	379,000	1,145,000	720,000	985,000	3,446,200
Grants	0	250,000	0	0	0	0	250,000
Parks Impact Fees Z1/NE	0	45,000	0	0	0	0	45,000
Parks Impact Fees Z4/NW	0	529,750	0	0	0	0	529,750
Trails CIP Carryover	0	481,918	0	0	0	0	481,918
Volusia ECHO	0	800,000	0	0	0	0	800,000
TOTAL REVENUES	2,856,435	17,512,937	379,000	1,145,000	720,000	985,000	23,598,372

COUNTY OF VOLUSIA

Bicentennial Dog Park Expansion

Department: Community Services

Location: 1800 Ocean Shore Blvd

CIP Category: Parks Recreation and Culture

Account Number: 136-680-5100

Description/Justification for Capital and Operating

The dog park located at Michael Crotty Bicentennial Park in Ormond is split into two sections, one section for small dogs and one section for large dogs. The large dog section of the park is extremely popular and the size of the park creates maintenance issues. The plan is to expand the size of the park which will give the dogs more room and alleviate the maintenance issues.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Parks Impact Fees Z1/NE	0	45,000	0	0	0	0	45,000	45,000
Total Revenues:	0	45,000	0	0	0	0	45,000	45,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	45,000	0	0	0	0	45,000	45,000
Total Expenditures:	0	45,000	0	0	0	0	45,000	45,000

COUNTY OF VOLUSIA
Central Maintenance Facility

Department: Community Services

Location: 2547 Bellevue Ave

CIP Category: Parks Recreation and Culture

Account Number: 001-680-1020

Description/Justification for Capital and Operating

Improvements to the Central Maintenance Facility for Parks, Recreation, and Culture maintenance and tradesworker staff.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	0	0	0	0	800,000	800,000	800,000
Total Revenues:	0	0	0	0	0	800,000	800,000	800,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	0	0	0	0	0	800,000	800,000	800,000
Total Expenditures:	0	0	0	0	0	800,000	800,000	800,000

COUNTY OF VOLUSIA

ECRRT Segment 4B

Department: Community Services

Location: Gobbler's Lodge Road to Maytown Spur Road

CIP Category: Parks Recreation and Culture

Account Number: 740-710-1078

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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
FL DOT	74,077	7,183,507	0	0	0	0	7,183,507	7,257,584
Total Revenues:	74,077	7,183,507	0	0	0	0	7,183,507	7,257,584

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Projects	0	7,183,507	0	0	0	0	7,183,507	7,183,507
Right of Way	74,077	0	0	0	0	0	0	74,077
Total Expenditures:	74,077	7,183,507	0	0	0	0	7,183,507	7,257,584

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:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Federal Funds	2,598,698	7,374,472	0	0	0	0	7,374,472	9,973,170
Trails CIP Carryover	0	481,918	0	0	0	0	481,918	481,918
Total Revenues:	2,598,698	7,856,390	0	0	0	0	7,856,390	10,455,088

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Projects	2,598,698	7,856,390	0	0	0	0	7,856,390	10,455,088
Total Expenditures:	2,598,698	7,856,390	0	0	0	0	7,856,390	10,455,088

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.

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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Grants	0	250,000	0	0	0	0	250,000	250,000
Total Revenues:	0	250,000	0	0	0	0	250,000	250,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	0	250,000	0	0	0	0	250,000	250,000
Total Expenditures:	0	250,000	0	0	0	0	250,000	250,000

COUNTY OF VOLUSIA

Interpretative Panels, Maps, Repair Kiosk

Department: Community Services

Location: Various Parks County-wide

CIP Category: Parks Recreation and Culture

Account Number: 001-680-1020

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 DeBary 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:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	35,000	35,000	35,000	35,000	35,000	175,000	175,000
Total Revenues:	0	35,000	35,000	35,000	35,000	35,000	175,000	175,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	35,000	35,000	35,000	35,000	35,000	175,000	175,000
Total Expenditures:	0	35,000	35,000	35,000	35,000	35,000	175,000	175,000

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:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Florida Boating Improvement Program	66,940	483,060	0	0	0	0	483,060	550,000
Volusia ECHO	0	400,000	0	0	0	0	400,000	400,000
Total Revenues:	66,940	883,060	0	0	0	0	883,060	950,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Projects	0	857,260	0	0	0	0	857,260	857,260
Design	66,940	25,800	0	0	0	0	25,800	92,740
Total Expenditures:	66,940	883,060	0	0	0	0	883,060	950,000

COUNTY OF VOLUSIA
Parks Repair & Renovation

Department: Community Services

Location: Various Parks County-wide

CIP Category: Parks Recreation and Culture

Account Number: 001-680-1020

Description/Justification for Capital and Operating

Fiscal Year 2017-18:

Barkley Square Dog Park - develop erosion/drainage system - \$25,000; Highbridge Fishing Dock - replace dock & pilings - \$69,000; Roberta Fishing Dock - replace poles - \$28,000; Seabridge Fishing Dock - replace deck boards & stringers \$60,000

Fiscal Year 2018-19:

Lake Ashby Park - install multiple hot-water showers - \$38,000; Gemini Springs Park - restroom at OK Corral - \$50,000, crushed concrete & sealer to exit road - \$40,000, remove chimney/replace floor at Spring House - \$25,000; Green Springs Park - install PIP safety surface - \$38,000; Lake Dias - replace playground and safety surface - \$65,000; Ormond Tomb Park - replace loose fill with PIP - \$58,000; Riverbreeze Park - replace shade canopy's - \$30,000

Fiscal Year 2019-20:

Chuck Lennon Park - little league ballfields/laser grade - \$75,000; Divito Property - parking lot - \$90,000, picnic/shade structures - \$45,000; Gemini Springs - floating canoe/kayak launch \$28,000; Lake Ashby Park - replace swings & safety surface & playground - \$90,000; Lake Monroe-Gemini Springs - repair/replace bike trail sections - \$50,000; Lake Monroe Park - replace playground equipment & safety surface - \$85,000; Mansion Boulevard - repave bike trail - \$100,000; Mariner's Cove Park - pave roadway - \$200,000; Riverbreeze Park - replace safety surface - \$70,000; San Jose Fishing Dock - replacement - \$60,000; Seville Park - resurface basketball court - \$32,000; Spruce Creek Park - maintenance shed - \$65,000; Spruce Creek Preserve/Kaye Property - replace pavilion - \$70,000; Sylvester Bruten Park - replace playground & surface - \$50,000

Fiscal Year 2020-21:

Briggs Drive Fishing Dock - dock replacement - \$60,000; Chuck Lennon Park - soccer fields/laser grade & resod - \$80,000; Divito Property - canoe/kayak launch - \$60,000; Gemini Springs Park - replace roof & improve storage - \$40,000; Lake George Fishing Pier - redecking - \$70,000; Lake Monroe Park - upgrade electric service - \$175,000; Midwest Quad - pole barn - \$65,000; Seville Park - replace playground - \$65,000, replace safety surface - \$70,000

Fiscal Year 2021-22:

Lake Ashby Fishing Dock - renovation - \$150,000

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	182,200	344,000	1,110,000	685,000	150,000	2,471,200	2,471,200
Total Revenues:	0	182,200	344,000	1,110,000	685,000	150,000	2,471,200	2,471,200

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	0	0	38,000	0	0	0	38,000	38,000
Improvements Other Than Buildings	0	182,200	306,000	1,110,000	685,000	150,000	2,433,200	2,433,200
Total Expenditures:	0	182,200	344,000	1,110,000	685,000	150,000	2,471,200	2,471,200

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 and a FIND grant for construction for \$117,889 approved on September 28, 2016.

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:

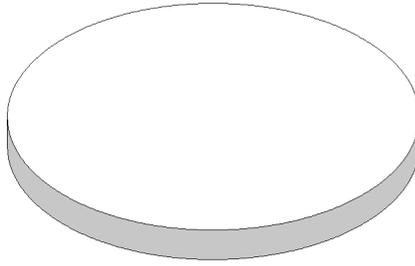
Table with 9 columns: Budget Object Name, Prior Years, FY 2017-18, FY 2018-19, FY 2019-20, FY 2020-21, FY 2021-22, Total Years 1-5, Total Amount. Rows include Florida Boating Improvement Program, Florida Inland Navigation District, Parks Impact Fees Z4/NW, Volusia ECHO, and Total Revenues.

CAPITAL IMPROVEMENT EXPENDITURE:

Table with 9 columns: Budget Object Name, Prior Years, FY 2017-18, FY 2018-19, FY 2019-20, FY 2020-21, FY 2021-22, Total Years 1-5, Total Amount. Rows include Construction Projects, Design, and Total Expenditures.

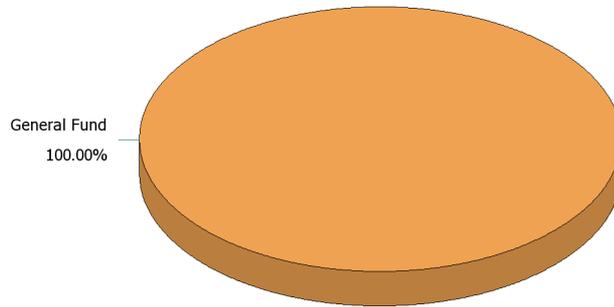
COUNTY OF VOLUSIA Elections

FY 2017-18 Expenditures



Division	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
General Government	0	0	5,900,000	0	0	0	5,900,000
Total Expenditures	0	0	5,900,000	0	0	0	5,900,000

FY 2017-18 Revenues



Revenue Source	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Capital Project Carryover	126,565	0	0	0	0	0	126,565
General Fund	4,100,000	1,273,435	400,000	0	0	0	5,773,435
Total Revenues	4,226,565	1,273,435	400,000	0	0	0	5,900,000

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COUNTY OF VOLUSIA

Elections - General Government

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2017-18 Year 1	FY 2018-19 Year 2	FY 2019-20 Year 3	FY 2020-21 Year 4	FY 2021-22 Year 5	Total Amount
Elections Warehouse	0	0	5,900,000	0	0	0	5,900,000
TOTAL EXPENDITURES	0	0	5,900,000	0	0	0	5,900,000

REVENUE SOURCE:

Project Title	Prior Years	FY 2017-18 Year 1	FY 2018-19 Year 2	FY 2019-20 Year 3	FY 2020-21 Year 4	FY 2021-22 Year 5	Total Amount
Capital Project Carryover	126,565	0	0	0	0	0	126,565
General Fund	4,100,000	1,273,435	400,000	0	0	0	5,773,435
TOTAL REVENUES	4,226,565	1,273,435	400,000	0	0	0	5,900,000

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

BS-CES-2

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Capital Project Carryover	126,565	0	0	0	0	0	0	126,565
General Fund	4,100,000	1,273,435	400,000	0	0	0	1,673,435	5,773,435
Total Revenues:	4,226,565	1,273,435	400,000	0	0	0	1,673,435	5,900,000

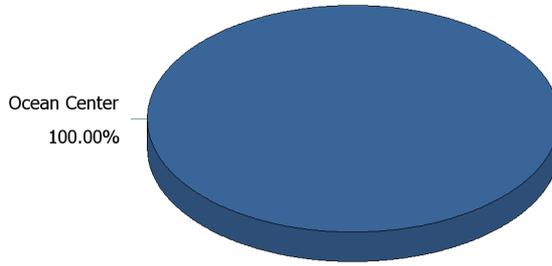
CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	0	0	5,900,000	0	0	0	5,900,000	5,900,000
Total Expenditures:	0	0	5,900,000	0	0	0	5,900,000	5,900,000

COUNTY OF VOLUSIA

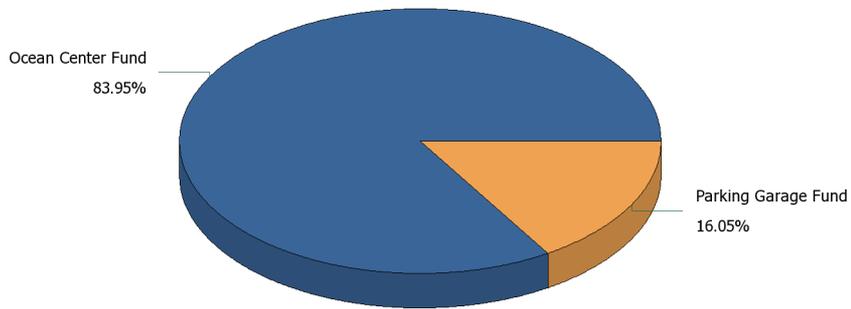
Ocean Center

FY 2017-18 Expenditures



Division	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Ocean Center	2,740,640	6,730,644	3,838,612	90,000	1,890,000	90,000	15,379,896
Total Expenditures	2,740,640	6,730,644	3,838,612	90,000	1,890,000	90,000	15,379,896

FY 2017-18 Revenues



Revenue Source	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Ocean Center Fund	2,740,640	5,650,644	3,500,000	0	1,800,000	0	13,691,284
Parking Garage Fund	0	1,080,000	338,612	90,000	90,000	90,000	1,688,612
Total Revenues	2,740,640	6,730,644	3,838,612	90,000	1,890,000	90,000	15,379,896

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COUNTY OF VOLUSIA

Ocean Center - Ocean Center

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2017-18 Year 1	FY 2018-19 Year 2	FY 2019-20 Year 3	FY 2020-21 Year 4	FY 2021-22 Year 5	Total Amount
AHU - Air Handler Replacement	2,721,800	2,257,794	0	0	0	0	4,979,594
Arena Elevator Modernization	2,000	270,000	0	0	0	0	272,000
Arena Floor Boxes Replacement	0	200,000	0	0	0	0	200,000
Arena Lighting Replacement	0	500,000	0	0	0	0	500,000
Arena Roof Replacement	0	0	3,500,000	0	0	0	3,500,000
Ballroom Airwall Replacement	0	250,000	0	0	0	0	250,000
Carpet Replacement	0	0	0	0	1,800,000	0	1,800,000
East Plaza Site Lighting	0	110,000	0	0	0	0	110,000
Exterior Door Replacement	0	121,000	0	0	0	0	121,000
Main Marquee Replacement	5,360	453,330	0	0	0	0	458,690
Metal Barrel Roof Repair	11,480	538,520	0	0	0	0	550,000
Parking Garage Door Access Control Equipment	0	500,000	0	0	0	0	500,000
Parking Garage Exterior Wall Repair/Seal/Paint	0	0	248,612	0	0	0	248,612
Parking Garage Lighting	0	400,000	0	0	0	0	400,000
Parking Garage Parking Deck Rehab	0	180,000	90,000	90,000	90,000	90,000	540,000
Retrofit Exhibit Hall Lighting to LED	0	200,000	0	0	0	0	200,000
Sound System Replacement	0	750,000	0	0	0	0	750,000
TOTAL EXPENDITURES	2,740,640	6,730,644	3,838,612	90,000	1,890,000	90,000	15,379,896

REVENUE SOURCE:

Project Title	Prior Years	FY 2017-18 Year 1	FY 2018-19 Year 2	FY 2019-20 Year 3	FY 2020-21 Year 4	FY 2021-22 Year 5	Total Amount
Ocean Center Fund	2,740,640	5,650,644	3,500,000	0	1,800,000	0	13,691,284
Parking Garage Fund	0	1,080,000	338,612	90,000	90,000	90,000	1,688,612
TOTAL REVENUES	2,740,640	6,730,644	3,838,612	90,000	1,890,000	90,000	15,379,896

COUNTY OF VOLUSIA

AHU - Air Handler Replacement

Department: Ocean Center

Location: Daytona Beach, District 2, Ocean Center

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

Capital Project Schedule: OC-318-1

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Ocean Center Fund	2,721,800	2,257,794	0	0	0	0	2,257,794	4,979,594
Total Revenues:	2,721,800	2,257,794	0	0	0	0	2,257,794	4,979,594

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	2,576,767	2,257,794	0	0	0	0	2,257,794	4,834,561
Design	145,033	0	0	0	0	0	0	145,033
Total Expenditures:	2,721,800	2,257,794	0	0	0	0	2,257,794	4,979,594

COUNTY OF VOLUSIA
Arena Elevator Modernization

Department: Ocean Center

Location: Ocean Center, Daytona Beach, District 2

CIP Category: Ocean Center

Account Number: 318-930-4303

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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Ocean Center Fund	2,000	270,000	0	0	0	0	270,000	272,000
Total Revenues:	2,000	270,000	0	0	0	0	270,000	272,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	2,000	270,000	0	0	0	0	270,000	272,000
Total Expenditures:	2,000	270,000	0	0	0	0	270,000	272,000

COUNTY OF VOLUSIA
Arena Floor Boxes Replacement

Department: Ocean Center

Location: Ocean Center, Daytona Beach, District 2

CIP Category: Ocean Center

Account Number: 318-930-4301

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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Ocean Center Fund	0	200,000	0	0	0	0	200,000	200,000
Total Revenues:	0	200,000	0	0	0	0	200,000	200,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	200,000	0	0	0	0	200,000	200,000
Total Expenditures:	0	200,000	0	0	0	0	200,000	200,000

COUNTY OF VOLUSIA
Arena Lighting Replacement

Department: Ocean Center

Location: Ocean Center, Daytona Beach, District 2

CIP Category: Ocean Center

Account Number: 318-930-4304

Description/Justification for Capital and Operating

The arena was built in 1985. The lighting system associated with this area of the building is original equipment. The current lighting system uses a combination of very high wattage incandescent and metal halide fixtures. Upgrading the arena 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.

Project Reference

Capital Project Schedule: OC 318-7

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Ocean Center Fund	0	500,000	0	0	0	0	500,000	500,000
Total Revenues:	0	500,000	0	0	0	0	500,000	500,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	500,000	0	0	0	0	500,000	500,000
Total Expenditures:	0	500,000	0	0	0	0	500,000	500,000

COUNTY OF VOLUSIA
Arena Roof Replacement

Department: Ocean Center

Location: Ocean Center, Daytona Beach, District 2

CIP Category: Ocean Center

Account Number: 318-930-4300

Description/Justification for Capital and Operating

The current single ply rubber membrane roofing system on the arena, ballroom, and mezzanine level meeting rooms is quickly approaching the end of its life expectancy. This is a planned roof replacement.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Ocean Center Fund	0	0	3,500,000	0	0	0	3,500,000	3,500,000
Total Revenues:	0	0	3,500,000	0	0	0	3,500,000	3,500,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	3,500,000	0	0	0	3,500,000	3,500,000
Total Expenditures:	0	0	3,500,000	0	0	0	3,500,000	3,500,000

COUNTY OF VOLUSIA
Ballroom Airwall Replacement

Department: Ocean Center

Location: Ocean Center, Daytona Beach, District 2

CIP Category: Ocean Center

Account Number: 318-930-4308

Description/Justification for Capital and Operating

The current movable partition walls are 31 years old and are in need of replacement.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Ocean Center Fund	0	250,000	0	0	0	0	250,000	250,000
Total Revenues:	0	250,000	0	0	0	0	250,000	250,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	250,000	0	0	0	0	250,000	250,000
Total Expenditures:	0	250,000	0	0	0	0	250,000	250,000

COUNTY OF VOLUSIA
Carpet Replacement

Department: Ocean Center

Location: 101 N Atlantic Ave

CIP Category: Ocean Center

Account Number: 318-930-4300

Description/Justification for Capital and Operating

Replace the carpet in various locations throughout the Ocean Center.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Ocean Center Fund	0	0	0	0	1,800,000	0	1,800,000	1,800,000
Total Revenues:	0	0	0	0	1,800,000	0	1,800,000	1,800,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	0	0	1,800,000	0	1,800,000	1,800,000
Total Expenditures:	0	0	0	0	1,800,000	0	1,800,000	1,800,000

COUNTY OF VOLUSIA
East Plaza Site Lighting

Department: Ocean Center

Location: Ocean Center, Daytona Beach, District 2

CIP Category: Ocean Center

Account Number: 318-930-4304

Description/Justification for Capital and Operating

Replace the site lighting in the east plaza to match the lighting installed during the expansion.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Ocean Center Fund	0	110,000	0	0	0	0	110,000	110,000
Total Revenues:	0	110,000	0	0	0	0	110,000	110,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	110,000	0	0	0	0	110,000	110,000
Total Expenditures:	0	110,000	0	0	0	0	110,000	110,000

COUNTY OF VOLUSIA
Exterior Door Replacement

Department: Ocean Center

Location: Ocean Center, Daytona Beach, District 2

CIP Category: Ocean Center

Account Number: 318-930-4300

Description/Justification for Capital and Operating

The doors in the east lobby have been damaged numerous times due to the winds that come off of the ocean. The scope of this project will replace these swing type doors with automatic bi-parting sliding doors. Additionally, the doors installed during the expansion have steel latching mechanisms that have corroded extensively due to the climate and environment. The scope of this project would upgrade these latching mechanisms to stainless steel.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Ocean Center Fund	0	121,000	0	0	0	0	121,000	121,000
Total Revenues:	0	121,000	0	0	0	0	121,000	121,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	121,000	0	0	0	0	121,000	121,000
Total Expenditures:	0	121,000	0	0	0	0	121,000	121,000

COUNTY OF VOLUSIA
Main Marquee Replacement

Department: Ocean Center

Location: Ocean Center, Daytona Beach, District 2

CIP Category: Ocean Center

Account Number: 318-930-4302

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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Ocean Center Fund	5,360	453,330	0	0	0	0	453,330	458,690
Total Revenues:	5,360	453,330	0	0	0	0	453,330	458,690

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Design	5,360	3,330	0	0	0	0	3,330	8,690
Improvements Other Than Buildings	0	450,000	0	0	0	0	450,000	450,000
Total Expenditures:	5,360	453,330	0	0	0	0	453,330	458,690

COUNTY OF VOLUSIA
Metal Barrel Roof Repair

Department: Ocean Center

Location: Ocean Center, Daytona Beach, District 2

CIP Category: Ocean Center

Account Number: 318-930-4305

Description/Justification for Capital and Operating

The metal barrel roof on the arena is experiencing paint failure and the splines are rusting. This section of the roof needs to be repaired and re-painted to extend its life and improve the appearance.

Project Reference

Capital Project Schedule: OC-318-8

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Ocean Center Fund	11,480	538,520	0	0	0	0	538,520	550,000
Total Revenues:	11,480	538,520	0	0	0	0	538,520	550,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Design	11,480	23,490	0	0	0	0	23,490	34,970
Improvements Other Than Buildings	0	515,030	0	0	0	0	515,030	515,030
Total Expenditures:	11,480	538,520	0	0	0	0	538,520	550,000

COUNTY OF VOLUSIA

Parking Garage Door Access Control Equipment

Department: Ocean Center

Location: Ocean Center, Daytona Beach, District 2

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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Parking Garage Fund	0	500,000	0	0	0	0	500,000	500,000
Total Revenues:	0	500,000	0	0	0	0	500,000	500,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	500,000	0	0	0	0	500,000	500,000
Total Expenditures:	0	500,000	0	0	0	0	500,000	500,000

COUNTY OF VOLUSIA

Parking Garage Exterior Wall Repair/Seal/Paint

Department: Ocean Center

Location: Ocean Center, Daytona Beach, District 2

CIP Category: Ocean Center

Account Number: 475-130-2500

Description/Justification for Capital and Operating

Repair, Seal, and Paint Parking Garage Exterior Wall.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Parking Garage Fund	0	0	248,612	0	0	0	248,612	248,612
Total Revenues:	0	0	248,612	0	0	0	248,612	248,612

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	248,612	0	0	0	248,612	248,612
Total Expenditures:	0	0	248,612	0	0	0	248,612	248,612

COUNTY OF VOLUSIA
Parking Garage Lighting

Department: Ocean Center

Location: Ocean Center, Daytona Beach, District 2

CIP Category: Ocean Center

Account Number: 475-130-2500

Description/Justification for Capital and Operating

The current lighting in the parking garage uses a combination of high pressure sodium and metal halide light fixtures with varying wattages from 400 to 750. The scope of this project will replace all of these high energy usage fixtures with LED lighting technology and include motion sensors. This will greatly reduce the amount of energy it takes to illuminate the garage.

Project Reference

Capital Project Schedule: OC-475-2

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Parking Garage Fund	0	400,000	0	0	0	0	400,000	400,000
Total Revenues:	0	400,000	0	0	0	0	400,000	400,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	400,000	0	0	0	0	400,000	400,000
Total Expenditures:	0	400,000	0	0	0	0	400,000	400,000

COUNTY OF VOLUSIA

Parking Garage Parking Deck Rehab

Department: Ocean Center

Location: Ocean Center, Daytona Beach, District 2

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. Each year for the next five years a deck will be scheduled for restoration.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Parking Garage Fund	0	180,000	90,000	90,000	90,000	90,000	540,000	540,000
Total Revenues:	0	180,000	90,000	90,000	90,000	90,000	540,000	540,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	180,000	90,000	90,000	90,000	90,000	540,000	540,000
Total Expenditures:	0	180,000	90,000	90,000	90,000	90,000	540,000	540,000

COUNTY OF VOLUSIA
Retrofit Exhibit Hall Lighting to LED

Department: Ocean Center

Location: Ocean Center, Daytona Beach, District 2

CIP Category: Ocean Center

Account Number: 318-930-4304

Description/Justification for Capital and Operating

The current lighting system 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.

Project Reference

Capital Project Schedule: OC-318-9

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Ocean Center Fund	0	200,000	0	0	0	0	200,000	200,000
Total Revenues:	0	200,000	0	0	0	0	200,000	200,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	200,000	0	0	0	0	200,000	200,000
Total Expenditures:	0	200,000	0	0	0	0	200,000	200,000

COUNTY OF VOLUSIA
Sound System Replacement

Department: Ocean Center

Location: Ocean Center, Daytona Beach, District 2

CIP Category: Ocean Center

Account Number: 318-930-4306

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

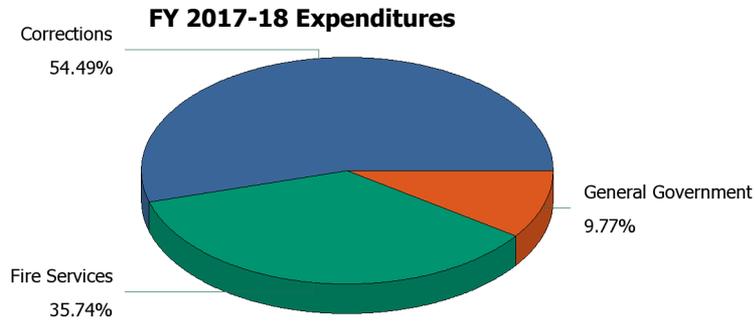
REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Ocean Center Fund	0	750,000	0	0	0	0	750,000	750,000
Total Revenues:	0	750,000	0	0	0	0	750,000	750,000

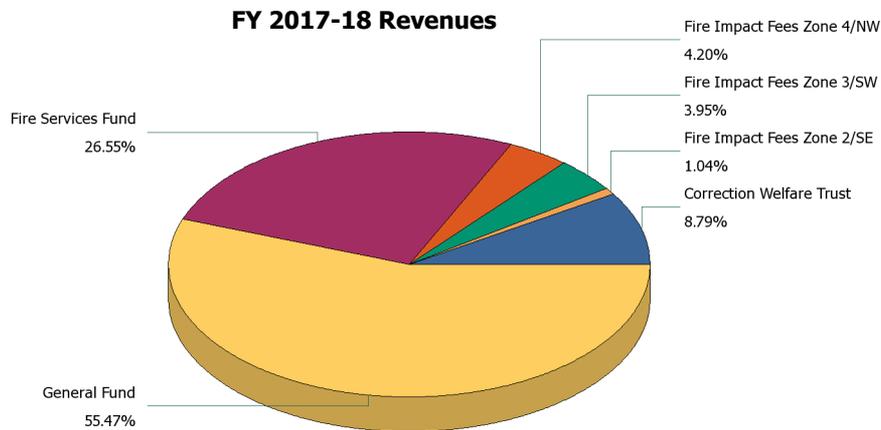
CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	750,000	0	0	0	0	750,000	750,000
Total Expenditures:	0	750,000	0	0	0	0	750,000	750,000

COUNTY OF VOLUSIA Public Protection



Division	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Corrections	1,822,349	2,788,931	1,414,560	3,635,000	1,394,000	965,000	12,019,840
Emergency Medical Services	0	0	0	4,400,000	3,000,000	0	7,400,000
Fire Services	92,600	1,829,400	2,800,000	575,000	2,800,000	50,000	8,147,000
General Government	0	500,000	1,900,000	3,000,000	0	0	5,400,000
Total Expenditures	1,914,949	5,118,331	6,114,560	11,610,000	7,194,000	1,015,000	32,966,840



Revenue Source	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Correction Welfare Trust	0	450,000	332,560	650,000	0	0	1,432,560
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	215,000	0	0	0	0	215,000
Fire Services Fund	0	1,359,000	2,800,000	575,000	2,800,000	50,000	7,584,000
General Fund	1,822,349	2,838,931	2,982,000	10,160,000	4,394,000	965,000	23,162,280
Utilities Contribution	0	0	0	225,000	0	0	225,000
Total Revenues	1,914,949	5,118,331	6,114,560	11,610,000	7,194,000	1,015,000	32,966,840

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COUNTY OF VOLUSIA

Public Protection - Corrections

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2017-18 Year 1	FY 2018-19 Year 2	FY 2019-20 Year 3	FY 2020-21 Year 4	FY 2021-22 Year 5	Total Amount
Branch Jail Roof Replacement - Phase 2	1,760,869	1,500,000	0	0	0	0	3,260,869
Central Supply and Records Storage Renovation	0	0	0	150,000	0	0	150,000
Chilled Water Storage System	0	0	25,000	500,000	0	0	525,000
Chiller System Replacement VCCF	0	0	0	275,000	0	0	275,000
Corrections Network Infrastructure Upgrades	61,480	563,931	600,000	770,000	924,000	965,000	3,884,411
Corrections Security and Telecommunications Upgrade	0	65,000	0	0	0	0	65,000
Corrections Staff Parking	0	0	0	0	300,000	0	300,000
Corrections Visitation Center	0	450,000	0	0	0	0	450,000
DT and Fitness Lab	0	0	0	400,000	0	0	400,000
Electrical Panel Upgrade	0	0	32,000	75,000	0	0	107,000
Exterior Security Enhancement Project	0	0	60,000	0	0	0	60,000
Exterior Window Replacement	0	0	30,000	260,000	130,000	0	420,000
Mailroom Facility	0	0	25,000	400,000	0	0	425,000
Perimeter Lights	0	0	85,000	0	0	0	85,000
Potable Water Pipes	0	120,000	0	240,000	40,000	0	400,000
Receiving Dock Shelter	0	0	60,000	0	0	0	60,000
Security Fence Replacement	0	0	0	225,000	0	0	225,000
Tailor and Dry Cleaning	0	0	0	250,000	0	0	250,000
Television System Upgrade	0	0	307,560	0	0	0	307,560
Variable Air Volume Control	0	90,000	90,000	90,000	0	0	270,000
Water Supply Valves	0	0	100,000	0	0	0	100,000
TOTAL EXPENDITURES	1,822,349	2,788,931	1,414,560	3,635,000	1,394,000	965,000	12,019,840

REVENUE SOURCE:

Project Title	Prior Years	FY 2017-18 Year 1	FY 2018-19 Year 2	FY 2019-20 Year 3	FY 2020-21 Year 4	FY 2021-22 Year 5	Total Amount
Correction Welfare Trust	0	450,000	332,560	650,000	0	0	1,432,560
General Fund	1,822,349	2,338,931	1,082,000	2,760,000	1,394,000	965,000	10,362,280
Utilities Contribution	0	0	0	225,000	0	0	225,000
TOTAL REVENUES	1,822,349	2,788,931	1,414,560	3,635,000	1,394,000	965,000	12,019,840

COUNTY OF VOLUSIA

Branch Jail Roof Replacement - Phase 2

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) - Phase 2

The roof replacement project was designed to take place in two phases. It is anticipated that Phase 1 will be completed during the 4th quarter of fiscal year 2016-17. However, due to rain and other delays the project may extend into the 1st quarter of fiscal year 2017-18. Current project timeline assumes phase 2 will commence in the 1st quarter of fiscal year 2017-18. Engineering for phase 2 was completed the 1st quarter of FY 2016-17 and includes the remaining areas to be replaced. Vendor award for Bid # 17-B-143JD, Phase 2 is pending Council approval.

Project Reference

Capital Project Schedule: PP-DOC-4

Capital Project Schedule: PP-DOC-5

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	1,760,869	1,500,000	0	0	0	0	1,500,000	3,260,869
Total Revenues:	1,760,869	1,500,000	0	0	0	0	1,500,000	3,260,869

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Projects	1,556,294	1,500,000	0	0	0	0	1,500,000	3,056,294
Engineering	204,575	0	0	0	0	0	0	204,575
Total Expenditures:	1,760,869	1,500,000	0	0	0	0	1,500,000	3,260,869

COUNTY OF VOLUSIA

Central Supply and Records Storage Renovation

Department: Public Protection

Location: 1300 Red John Drive

CIP Category: Corrections

Account Number: 001-520-1500

Description/Justification for Capital and Operating

Redesign and renovation of existing Central Supply and adjacent Records Storage area to meet current and future requirements. Current spaces are not being utilized to maximum potential and efficiency.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	0	0	150,000	0	0	150,000	150,000
Total Revenues:	0	0	0	150,000	0	0	150,000	150,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	0	0	0	150,000	0	0	150,000	150,000
Total Expenditures:	0	0	0	150,000	0	0	150,000	150,000

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 \$25,000 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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	0	25,000	275,000	0	0	300,000	300,000
Utilities Contribution	0	0	0	225,000	0	0	225,000	225,000
Total Revenues:	0	0	25,000	500,000	0	0	525,000	525,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Design	0	0	25,000	0	0	0	25,000	25,000
Improvements Other Than Buildings	0	0	0	500,000	0	0	500,000	500,000
Total Expenditures:	0	0	25,000	500,000	0	0	525,000	525,000

COUNTY OF VOLUSIA
Chiller System Replacement VCCF

Department: Public Protection

Location: 1354 Indian Lake Road

CIP Category: Corrections

Account Number: 001-520-1500

Description/Justification for Capital and Operating

Chiller System Replacement VCCF: The current chiller system is approximately 18 years old and is reaching its expected life span. Due to the age of the chillers, system reliability and operating efficiencies are reduced. Chiller maintenance requirements have also increased. In addition, to increased operating cost there has also been building load changes that increase demand, reduce efficiency, and increase electricity costs.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	0	0	275,000	0	0	275,000	275,000
Total Revenues:	0	0	0	275,000	0	0	275,000	275,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	0	275,000	0	0	275,000	275,000
Total Expenditures:	0	0	0	275,000	0	0	275,000	275,000

COUNTY OF VOLUSIA

Corrections Network Infrastructure Upgrades

Department: Public Protection

CIP Category: Corrections

Account Number: 309-930-1200

Description/Justification for Capital and Operating

Network Infrastructure Upgrades:

The infrastructure upgrade is a phased project over the next five to six years due to functional upgrade requirements and estimated budgetary impacts. Fiscal Year 2017-18, budget includes \$563,931 in funds for the data, voice, and video infrastructure upgrade needed for the County's two Correctional Institutions. The funding will provide the network infrastructure needed to move forward with planned technology replacement systems such as Video Visitation and Inmate Phone System. Security assessment and engineering work planned for fiscal year 2017-18, will provide the specifications needed to begin the upgrade of systems such as automated doors, centralized and remote door management, card swipe access, and enhanced video surveillance. Implementation of the security upgrades estimated at \$2,951,440 is planned to be phased in over four years, from fiscal year 2018-19 to fiscal year 2021-22. This will include the infrastructure replacement of aging Programmable Logic Controllers (PLCs) and security cabling. Funding of \$307,560 for an IP-based television distribution system planned for the branch and correctional facility is identified in fiscal year 2019-20. Projected into fiscal year 2022-23 is the modernization of furniture in the units to provide better security, to house modern electronics, and provide a more effective space. Decisions regarding upcoming projects and changes needed at the facilities will be made in collaboration with IT staff and will determine what year funds should be budgeted for future infrastructure upgrades. fiscal year 2016-17, Information Technology (IT) used a network engineer to develop the detailed design and equipment/wiring specifications needed for the fiscal year 2017-18 network project.

Project Reference

IT Capital Projects

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	61,480	563,931	600,000	770,000	924,000	965,000	3,822,931	3,884,411
Total Revenues:	61,480	563,931	600,000	770,000	924,000	965,000	3,822,931	3,884,411

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	61,480	563,931	600,000	770,000	924,000	965,000	3,822,931	3,884,411
Total Expenditures:	61,480	563,931	600,000	770,000	924,000	965,000	3,822,931	3,884,411

COUNTY OF VOLUSIA

Corrections Security and Telecommunications Upgrade

Department: Public Protection

Location: 1300 Red John Dr and 1354 Indian Lake Rd

CIP Category: Corrections

Account Number: 001-520-1500

Description/Justification for Capital and Operating

Over the years, the Volusia County Division of Corrections has modernized and upgraded the Branch Jail and Correctional Facility to improve security, safety, and convenience of staff, inmates, and the public.

The changes have gradually reduced expansion capacity and the network infrastructure has reached its limit. Connectivity projects require this backbone upgrade.

The initial engineering and design project will identify necessary upgrades for the Division of Corrections control center for gates and cell doors. The project will be a phased upgrade of the cabling infrastructure and to provide decentralized control with the ability to centralize as needed.

Project Reference

Network Infrastructure Upgrade - Fund 309

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	65,000	0	0	0	0	65,000	65,000
Total Revenues:	0	65,000	0	0	0	0	65,000	65,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Design	0	65,000	0	0	0	0	65,000	65,000
Total Expenditures:	0	65,000	0	0	0	0	65,000	65,000

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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	0	0	0	300,000	0	300,000	300,000
Total Revenues:	0	0	0	0	300,000	0	300,000	300,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	0	0	300,000	0	300,000	300,000
Total Expenditures:	0	0	0	0	300,000	0	300,000	300,000

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 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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Correction Welfare Trust	0	450,000	0	0	0	0	450,000	450,000
Total Revenues:	0	450,000	0	0	0	0	450,000	450,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	450,000	0	0	0	0	450,000	450,000
Total Expenditures:	0	450,000	0	0	0	0	450,000	450,000

COUNTY OF VOLUSIA

DT and Fitness Lab

Department: Public Protection

Location: 1354 Indian Lake Road

CIP Category: Corrections

Account Number: 001-520-1500

Description/Justification for Capital and Operating

Metal structure for high liability staff training, including fitness (e.g., Defensive Tactics (DT), maintain competency for physical ability test (PAT). Existing workout area is inadequate for physical ability test (PAT) annual requirements for officers required since fiscal year 2008.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	0	0	400,000	0	0	400,000	400,000
Total Revenues:	0	0	0	400,000	0	0	400,000	400,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	0	400,000	0	0	400,000	400,000
Total Expenditures:	0	0	0	400,000	0	0	400,000	400,000

COUNTY OF VOLUSIA
Electrical Panel Upgrade

Department: Public Protection

Location: 1300 Red John Drive and 1354 Indian Lake Rd

CIP Category: Corrections

Account Number: 001-520-1500

Description/Justification for Capital and Operating

Volusia County Branch Jail (VCBJ) Electrical Panel upgrades to accommodate draw on current system and additional future requirements.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	0	32,000	75,000	0	0	107,000	107,000
Total Revenues:	0	0	32,000	75,000	0	0	107,000	107,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Design	0	0	32,000	0	0	0	32,000	32,000
Improvements Other Than Buildings	0	0	0	75,000	0	0	75,000	75,000
Total Expenditures:	0	0	32,000	75,000	0	0	107,000	107,000

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:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	0	60,000	0	0	0	60,000	60,000
Total Revenues:	0	0	60,000	0	0	0	60,000	60,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	60,000	0	0	0	60,000	60,000
Total Expenditures:	0	0	60,000	0	0	0	60,000	60,000

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 Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	0	30,000	260,000	130,000	0	420,000	420,000
Total Revenues:	0	0	30,000	260,000	130,000	0	420,000	420,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	0	0	0	260,000	130,000	0	390,000	390,000
Design	0	0	30,000	0	0	0	30,000	30,000
Total Expenditures:	0	0	30,000	260,000	130,000	0	420,000	420,000

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.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Correction Welfare Trust	0	0	25,000	400,000	0	0	425,000	425,000
Total Revenues:	0	0	25,000	400,000	0	0	425,000	425,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	0	0	0	400,000	0	0	400,000	400,000
Design	0	0	25,000	0	0	0	25,000	25,000
Total Expenditures:	0	0	25,000	400,000	0	0	425,000	425,000

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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	0	85,000	0	0	0	85,000	85,000
Total Revenues:	0	0	85,000	0	0	0	85,000	85,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	85,000	0	0	0	85,000	85,000
Total Expenditures:	0	0	85,000	0	0	0	85,000	85,000

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 three year project. Potable water pipes are original (1987) cast iron pipes located underground in the courtyards. Pipes have become corroded and deteriorated.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	120,000	0	240,000	40,000	0	400,000	400,000
Total Revenues:	0	120,000	0	240,000	40,000	0	400,000	400,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Design	0	0	0	0	0	0	0	0
Improvements Other Than Buildings	0	120,000	0	240,000	40,000	0	400,000	400,000
Total Expenditures:	0	120,000	0	240,000	40,000	0	400,000	400,000

COUNTY OF VOLUSIA
Receiving Dock Shelter

Department: Public Protection

Location: 1300 Red John Drive

CIP Category: Corrections

Account Number: 001-520-1500

Description/Justification for Capital and Operating

Safety and Security Issue. Protective covering/shelter over Volusia County Branch Jail (VCBJ) loading/receiving dock area.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	0	60,000	0	0	0	60,000	60,000
Total Revenues:	0	0	60,000	0	0	0	60,000	60,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	0	0	30,000	0	0	0	30,000	30,000
Design	0	0	30,000	0	0	0	30,000	30,000
Total Expenditures:	0	0	60,000	0	0	0	60,000	60,000

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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	0	0	225,000	0	0	225,000	225,000
Total Revenues:	0	0	0	225,000	0	0	225,000	225,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	0	225,000	0	0	225,000	225,000
Total Expenditures:	0	0	0	225,000	0	0	225,000	225,000

COUNTY OF VOLUSIA
Tailor and Dry Cleaning

Department: Public Protection

Location: 1354 Indian Lake Road, Daytona Beach

CIP Category: Corrections

Account Number: 123-520-3500

Description/Justification for Capital and Operating

Taylor and Dry Cleaning:
 Concrete structure that will house laundry/dry cleaning equipment and accessories for the purpose of providing uniform cleaning and alteration for staff while teaching employable skills that have direct benefit to inmates during incarceration.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Correction Welfare Trust	0	0	0	250,000	0	0	250,000	250,000
Total Revenues:	0	0	0	250,000	0	0	250,000	250,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	0	0	0	250,000	0	0	250,000	250,000
Total Expenditures:	0	0	0	250,000	0	0	250,000	250,000

COUNTY OF VOLUSIA
Television System Upgrade

Department: Public Protection

Location: 1300 Red John Dr and 1354 Indian Lake Rd

CIP Category: Corrections

Account Number: 123-520-3500

Description/Justification for Capital and Operating

IP-based television distribution system for the Volusia County Branch Jail and Correctional Facility.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Correction Welfare Trust	0	0	307,560	0	0	0	307,560	307,560
Total Revenues:	0	0	307,560	0	0	0	307,560	307,560

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	307,560	0	0	0	307,560	307,560
Total Expenditures:	0	0	307,560	0	0	0	307,560	307,560

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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	90,000	90,000	90,000	0	0	270,000	270,000
Total Revenues:	0	90,000	90,000	90,000	0	0	270,000	270,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	90,000	90,000	90,000	0	0	270,000	270,000
Total Expenditures:	0	90,000	90,000	90,000	0	0	270,000	270,000

COUNTY OF VOLUSIA
Water Supply Valves

Department: Public Protection

Location: 1354 Indian Lake Rd and 1300 Red John Drive

CIP Category: Corrections

Account Number: 001-520-1500

Description/Justification for Capital and Operating

Water Supply Valves. Designated replacement of area control valves for water supply and return systems.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	0	100,000	0	0	0	100,000	100,000
Total Revenues:	0	0	100,000	0	0	0	100,000	100,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	100,000	0	0	0	100,000	100,000
Total Expenditures:	0	0	100,000	0	0	0	100,000	100,000

COUNTY OF VOLUSIA

Public Protection - Emergency Medical Services

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2017-18 Year 1	FY 2018-19 Year 2	FY 2019-20 Year 3	FY 2020-21 Year 4	FY 2021-22 Year 5	Total Amount
Emergency Medical Services Facility	0	0	0	4,400,000	3,000,000	0	7,400,000
TOTAL EXPENDITURES	0	0	0	4,400,000	3,000,000	0	7,400,000

REVENUE SOURCE:

Project Title	Prior Years	FY 2017-18 Year 1	FY 2018-19 Year 2	FY 2019-20 Year 3	FY 2020-21 Year 4	FY 2021-22 Year 5	Total Amount
General Fund	0	0	0	4,400,000	3,000,000	0	7,400,000
TOTAL REVENUES	0	0	0	4,400,000	3,000,000	0	7,400,000

COUNTY OF VOLUSIA

Emergency Medical Services Facility

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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	0	0	4,400,000	3,000,000	0	7,400,000	7,400,000
Total Revenues:	0	0	0	4,400,000	3,000,000	0	7,400,000	7,400,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	0	0	0	4,400,000	3,000,000	0	7,400,000	7,400,000
Total Expenditures:	0	0	0	4,400,000	3,000,000	0	7,400,000	7,400,000

COUNTY OF VOLUSIA

Public Protection - Fire Services

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2017-18 Year 1	FY 2018-19 Year 2	FY 2019-20 Year 3	FY 2020-21 Year 4	FY 2021-22 Year 5	Total Amount
Diesel Exhaust Removal Systems for Fire Stations	0	50,000	50,000	50,000	50,000	50,000	250,000
Fire Station 18 -Rodeo Road: Relocation (Renamed Fire Station 47)	0	247,000	2,750,000	0	0	0	2,997,000
Fire Station 22 -Oak Hill: Renovation	0	600,000	0	0	0	0	600,000
Fire Station 23 -Pioneer Trail: Relocation (Renamed Fire Station 38)	0	0	0	525,000	2,750,000	0	3,275,000
Fire Station 36 -Osteen: Renovation	92,600	832,400	0	0	0	0	925,000
Fire Station 44 -Pierson: Roof Replacement	0	100,000	0	0	0	0	100,000
TOTAL EXPENDITURES	92,600	1,829,400	2,800,000	575,000	2,800,000	50,000	8,147,000

REVENUE SOURCE:

Project Title	Prior Years	FY 2017-18 Year 1	FY 2018-19 Year 2	FY 2019-20 Year 3	FY 2020-21 Year 4	FY 2021-22 Year 5	Total Amount
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	215,000	0	0	0	0	215,000
Fire Services Fund	0	1,359,000	2,800,000	575,000	2,800,000	50,000	7,584,000
TOTAL REVENUES	92,600	1,829,400	2,800,000	575,000	2,800,000	50,000	8,147,000

COUNTY OF VOLUSIA

Diesel Exhaust Removal Systems for Fire Stations

Department: Public Protection

Location: Various Fire Stations

CIP Category: Fire Services

Account Number: 140-540-7000

Description/Justification for Capital and Operating

This is a continuation of a Fire Rescue project to install a diesel exhaust removal system in one fire station each year. This system will eliminate the hazardous vehicle exhaust emissions that build up in the bay and living quarters of the fire station. Fire Station 21 - South Beach will receive the diesel exhaust removal system in fiscal year 2017-18.

Project Reference

Capital Project Schedule: PP-FR-4

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Fire Services Fund	0	50,000	50,000	50,000	50,000	50,000	250,000	250,000
Total Revenues:	0	50,000	50,000	50,000	50,000	50,000	250,000	250,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	50,000	50,000	50,000	50,000	50,000	250,000	250,000
Total Expenditures:	0	50,000	50,000	50,000	50,000	50,000	250,000	250,000

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.

The new station location will be based on a consultant assessment that has reviewed the current fire station locations, forecasted future demands for service and made recommended changes to the current system.

Project Reference

Capital Project Schedule: PP-FR-2

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Fire Impact Fees Zone 4/NW	0	215,000	0	0	0	0	215,000	215,000
Fire Services Fund	0	32,000	2,750,000	0	0	0	2,782,000	2,782,000
Total Revenues:	0	247,000	2,750,000	0	0	0	2,997,000	2,997,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Projects	0	0	2,500,000	0	0	0	2,500,000	2,500,000
Engineering	0	0	250,000	0	0	0	250,000	250,000
Land	0	247,000	0	0	0	0	247,000	247,000
Total Expenditures:	0	247,000	2,750,000	0	0	0	2,997,000	2,997,000

COUNTY OF VOLUSIA

Fire Station 22 -Oak Hill: Renovation

Department: Public Protection

Location: 213 N. US Highway 1, Oak Hill

CIP Category: Fire Services

Account Number: 140-540-5175

Description/Justification for Capital and Operating

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

Project Reference

Capital Project Schedule: PP-FR-3

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	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	547,000	0	0	0	0	547,000	547,000
Total Revenues:	0	600,000	0	0	0	0	600,000	600,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Projects	0	500,000	0	0	0	0	500,000	500,000
Engineering	0	100,000	0	0	0	0	100,000	100,000
Total Expenditures:	0	600,000	0	0	0	0	600,000	600,000

COUNTY OF VOLUSIA

Fire Station 23 -Pioneer Trail: Relocation (Renamed Fire Station 38)

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 no longer used except to house the fire apparatus.

This project will be supplemented with funds from the Fire Impact Fee as they become available.

The location of the new station will be determined based on a consultant assessment that reviewed the current fire station locations, forecasted future demands for service and made recommended changes to the current system.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Fire Services Fund	0	0	0	525,000	2,750,000	0	3,275,000	3,275,000
Total Revenues:	0	0	0	525,000	2,750,000	0	3,275,000	3,275,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Projects	0	0	0	0	2,750,000	0	2,750,000	2,750,000
Engineering	0	0	0	275,000	0	0	275,000	275,000
Land	0	0	0	250,000	0	0	250,000	250,000
Total Expenditures:	0	0	0	525,000	2,750,000	0	3,275,000	3,275,000

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 September 2017. Construction should be completed by June 2018.

Project Reference

Capital Project Schedule: PP-FR-1

REVENUE SOURCE:

Table with 9 columns: Budget Object Name, Prior Years, FY 2017-18, FY 2018-19, FY 2019-20, FY 2020-21, FY 2021-22, Total Years 1-5, Total Amount. Rows include Fire Impact Fees Zone 3/SW, Fire Services Fund, and Total Revenues.

CAPITAL IMPROVEMENT EXPENDITURE:

Table with 9 columns: Budget Object Name, Prior Years, FY 2017-18, FY 2018-19, FY 2019-20, FY 2020-21, FY 2021-22, Total Years 1-5, Total Amount. Rows include Construction Projects, Engineering, and Total Expenditures.

COUNTY OF VOLUSIA

Fire Station 44 -Pierson: Roof Replacement

Department: Public Protection

Location: 132 N. Fountain Drive, Pierson

CIP Category: Fire Services

Account Number: 140-540-7000

Description/Justification for Capital and Operating

This project will replace the roof at Fire Station 44 -Pierson. This building was built in 1988 and renovated in 2001.

Project Reference

Capital Project Schedule: PP-FR-5

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Fire Services Fund	0	100,000	0	0	0	0	100,000	100,000
Total Revenues:	0	100,000	0	0	0	0	100,000	100,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Projects	0	100,000	0	0	0	0	100,000	100,000
Total Expenditures:	0	100,000	0	0	0	0	100,000	100,000

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COUNTY OF VOLUSIA

Public Protection - General Government

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2017-18 Year 1	FY 2018-19 Year 2	FY 2019-20 Year 3	FY 2020-21 Year 4	FY 2021-22 Year 5	Total Amount
Medical Examiner Facility	0	500,000	1,900,000	3,000,000	0	0	5,400,000
TOTAL EXPENDITURES	0	500,000	1,900,000	3,000,000	0	0	5,400,000

REVENUE SOURCE:

Project Title	Prior Years	FY 2017-18 Year 1	FY 2018-19 Year 2	FY 2019-20 Year 3	FY 2020-21 Year 4	FY 2021-22 Year 5	Total Amount
General Fund	0	500,000	1,900,000	3,000,000	0	0	5,400,000
TOTAL REVENUES	0	500,000	1,900,000	3,000,000	0	0	5,400,000

COUNTY OF VOLUSIA

Medical Examiner Facility

Department: Public Protection

Location: 1360 Indian Lake Rd

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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	500,000	1,900,000	3,000,000	0	0	5,400,000	5,400,000
Total Revenues:	0	500,000	1,900,000	3,000,000	0	0	5,400,000	5,400,000

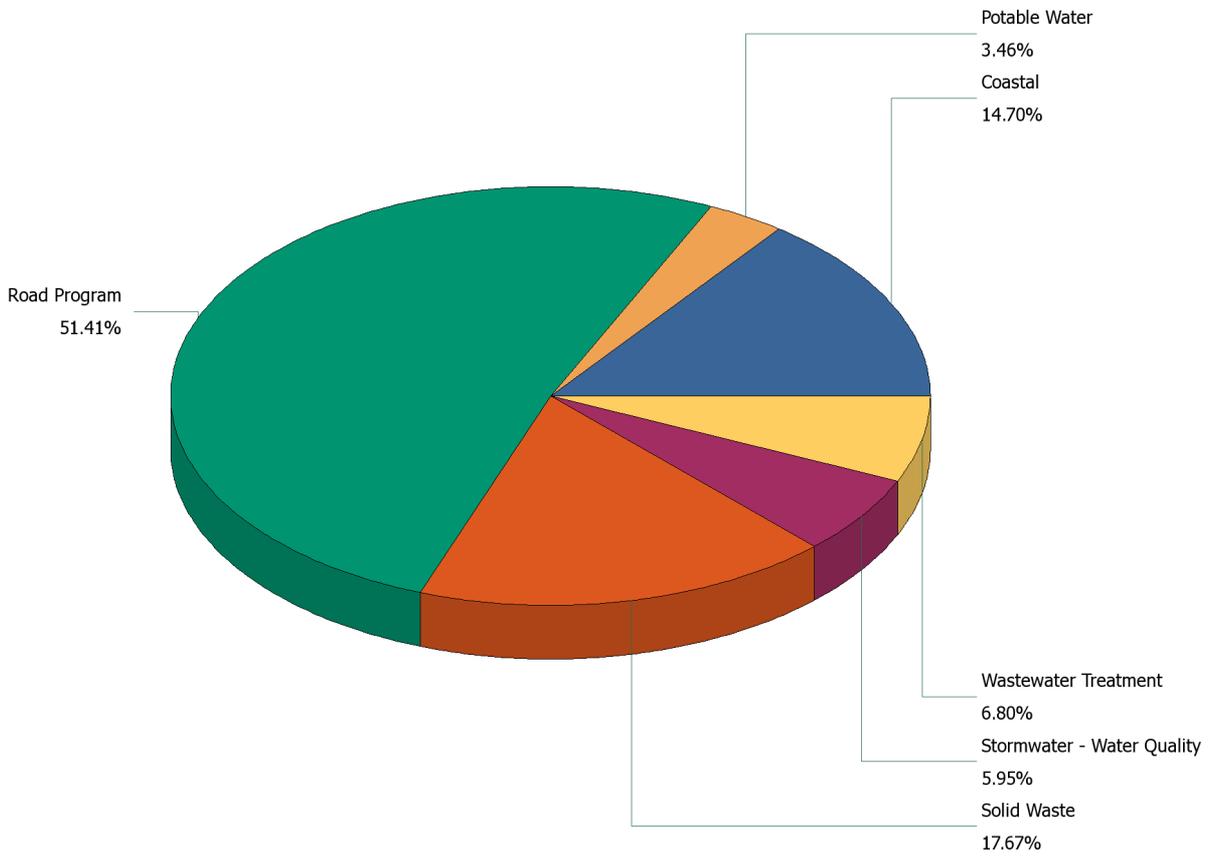
CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	0	500,000	1,900,000	3,000,000	0	0	5,400,000	5,400,000
Total Expenditures:	0	500,000	1,900,000	3,000,000	0	0	5,400,000	5,400,000

COUNTY OF VOLUSIA

Public Works

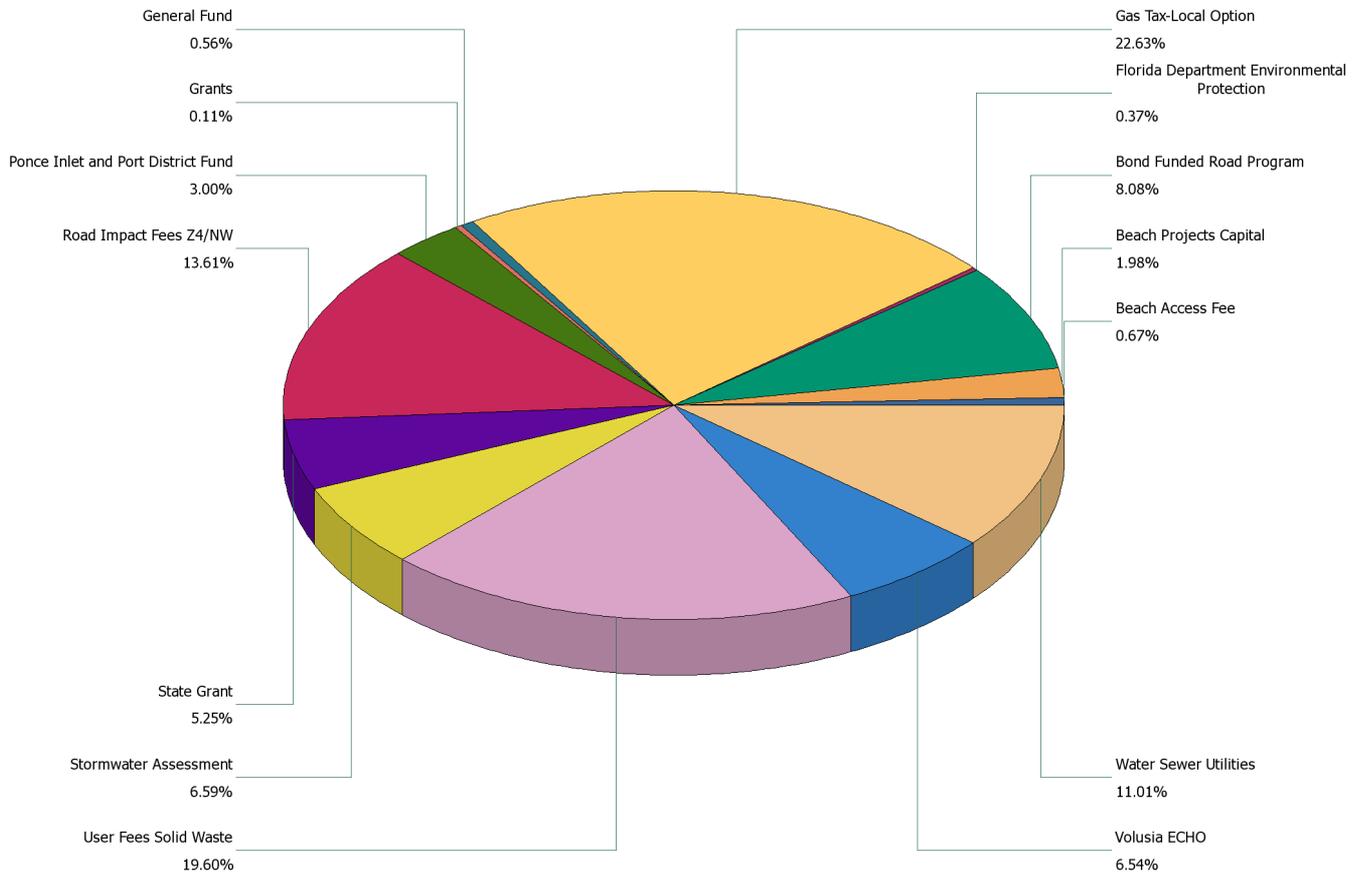
FY 2017-18 Expenditures



Division	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Coastal	9,983,742	8,702,013	9,095,684	5,001,448	5,146,736	3,725,954	41,655,577
Potable Water	1,692,345	2,050,000	2,000,000	1,175,000	750,000	0	7,667,345
Road Program	12,087,310	30,429,025	14,950,000	3,350,000	4,350,000	4,350,000	69,516,335
Solid Waste	237,723	10,461,285	1,245,000	798,000	350,000	350,000	13,442,008
Stormwater - Water Quality	13,040,560	3,520,000	1,880,000	1,700,000	1,505,000	1,530,000	23,175,560
Wastewater Treatment	4,079,253	4,025,000	865,000	1,165,000	6,120,000	625,000	16,879,253
Total Expenditures	41,120,933	59,187,323	30,035,684	13,189,448	18,221,736	10,580,954	172,336,078

COUNTY OF VOLUSIA

FY 2017-18 Revenues



Revenue Source	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Beach Access Fee	416,278	357,997	385,000	385,000	385,000	0	1,929,275
Beach Projects Capital	7,606,585	1,057,160	4,699,200	400,000	860,000	0	14,622,945
Bond Funded Road Program	6,819,425	4,314,030	2,700,000	0	0	0	13,833,455
Federal Funds	2,935,058	0	0	0	0	0	2,935,058
Florida Department Environmental P	0	200,000	0	0	0	0	200,000
Gas Tax-Local Option	9,237,880	12,080,000	12,250,000	3,350,000	4,350,000	4,350,000	45,617,880
General Fund	221,356	300,000	100,000	400,000	100,000	100,000	1,221,356
Grants	0	60,000	60,000	60,000	50,000	60,000	290,000
Ponce Inlet and Port District Fund	3,484,104	1,602,370	1,175,000	775,000	450,000	275,000	7,761,474
Road Impact Fees Z4/NW	0	7,265,000	0	0	0	0	7,265,000
State Grant	0	2,800,000	0	0	0	0	2,800,000
Stormwater Assessment	10,105,502	3,520,000	1,880,000	1,700,000	1,505,000	1,530,000	20,240,502
User Fees Solid Waste	237,723	10,461,285	1,245,000	798,000	350,000	350,000	13,442,008
Volusia ECHO	3,381,823	3,489,036	2,676,484	2,981,448	3,301,736	0	15,830,527
Water Sewer Utilities	5,771,598	5,875,000	2,865,000	2,340,000	6,870,000	625,000	24,346,598
Total Revenues	50,217,332	53,381,878	30,035,684	13,189,448	18,221,736	7,290,000	172,336,078

COUNTY OF VOLUSIA

Public Works - Coastal

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2017-18 Year 1	FY 2018-19 Year 2	FY 2019-20 Year 3	FY 2020-21 Year 4	FY 2021-22 Year 5	Total Amount
3167 S Atlantic Ave - Strand	171,226	0	2,204,700	0	0	0	2,375,926
3621 S Atlantic Ave - Jasmin/Dahia	119,854	0	1,284,500	0	0	0	1,404,354
650 S Atlantic Ave - Cardinal West	142,392	1,708,308	0	0	0	0	1,850,700
ADA Walkovers and Walkover Rehabilitations	221,356	300,000	100,000	100,000	100,000	100,000	921,356
Artificial Reefs and Marine Habitat Development	2,589,193	685,000	585,000	285,000	275,000	185,000	4,604,193
Beach Infrastructure	0	278,986	385,000	385,000	385,000	0	1,433,986
Beach Ramp Renovation	0	250,000	1,210,000	400,000	860,000	0	2,720,000
Boardwalk Development	90,869	2,386,111	2,676,484	2,981,448	3,301,736	3,290,954	14,727,602
Halifax/Indian River Channel Markers	174,660	130,000	0	0	0	0	304,660
Hiles Parking Development	416,278	381,936	0	0	0	0	798,214
Inlet Channel Dredging (USACE)	720,251	150,000	150,000	150,000	150,000	150,000	1,470,251
Lighthouse Point Park Boardwalk	0	200,000	500,000	400,000	0	0	1,100,000
Mary McLeod Bethune Beach Park - Restroom	0	0	0	300,000	0	0	300,000
Off-beach Parking - 1255 N. Ocean Shore Blvd.	676,954	119,736	0	0	0	0	796,690
Off-beach Parking - 726 N. Atlantic Ave.	478,830	1,191,936	0	0	0	0	1,670,766
Smyrna Dunes Boardwalk Reconstruction - ECHO	4,181,879	800,000	0	0	0	0	4,981,879
South Jetty Fishing Deck	0	120,000	0	0	75,000	0	195,000
TOTAL EXPENDITURES	9,983,742	8,702,013	9,095,684	5,001,448	5,146,736	3,725,954	41,655,577

REVENUE SOURCE:

Project Title	Prior Years	FY 2017-18 Year 1	FY 2018-19 Year 2	FY 2019-20 Year 3	FY 2020-21 Year 4	FY 2021-22 Year 5	Total Amount
Beach Access Fee	416,278	357,997	385,000	385,000	385,000	0	1,929,275
Beach Projects Capital	7,606,585	1,057,160	4,699,200	400,000	860,000	0	14,622,945
General Fund	221,356	300,000	100,000	400,000	100,000	100,000	1,221,356
Grants	0	60,000	60,000	60,000	50,000	60,000	290,000
Ponce Inlet and Port District Fund	3,484,104	1,602,370	1,175,000	775,000	450,000	275,000	7,761,474
Volusia ECHO	3,381,823	3,489,036	2,676,484	2,981,448	3,301,736	0	15,830,527
TOTAL REVENUES	15,110,146	6,866,563	9,095,684	5,001,448	5,146,736	435,000	41,655,577

COUNTY OF VOLUSIA

3167 S Atlantic Ave - Strand

Department: Public Works

Location: 3167 S Atlantic Ave

CIP Category: Coastal

Account Number: 313-930-3167

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 Conservation Plan (HCP) and the Incidental Take Permit (ITP). Off-beach parking that is convenient, 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.

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.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Beach Projects Capital	171,226	0	2,204,700	0	0	0	2,204,700	2,375,926
Total Revenues:	171,226	0	2,204,700	0	0	0	2,204,700	2,375,926

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Design	160,301	0	0	0	0	0	0	160,301
Impact Fees	925	0	0	0	0	0	0	925
Implementation Services	10,000	0	0	0	0	0	0	10,000
Improvements Other Than Buildings	0	0	2,204,700	0	0	0	2,204,700	2,204,700
Total Expenditures:	171,226	0	2,204,700	0	0	0	2,204,700	2,375,926

COUNTY OF VOLUSIA

3621 S Atlantic Ave - Jasmin/Dahia

Department: Public Works

Location: 3621 S Atlantic Ave

CIP Category: Coastal

Account Number: 313-930-3621

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 Conservation Plan (HCP) and the Incidental Take Permit (ITP). Off-beach parking that is convenient, 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.

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.

Project Reference

None

REVENUE SOURCE:

Table with 9 columns: Budget Object Name, Prior Years, FY 2017-18, FY 2018-19, FY 2019-20, FY 2020-21, FY 2021-22, Total Years 1-5, Total Amount. Rows include Beach Projects Capital and Total Revenues.

CAPITAL IMPROVEMENT EXPENDITURE:

Table with 9 columns: Budget Object Name, Prior Years, FY 2017-18, FY 2018-19, FY 2019-20, FY 2020-21, FY 2021-22, Total Years 1-5, Total Amount. Rows include Design, Impact Fees, Improvements Other Than Buildings, and Total Expenditures.

COUNTY OF VOLUSIA

650 S Atlantic Ave - Cardinal West

Department: Public Works

Location: 650 S Atlantic Ave

CIP Category: Coastal

Account Number: 313-930-0650

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 Conservation Plan (HCP) and the Incidental Take Permit (ITP). Off-beach parking that is convenient, 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 - Cardinal West will have approximately 124 parking spaces, as well as the Beach and Coastal North County Operations and Storage Yard.

Project Reference

Capital Project Schedule: PW-COS-9

REVENUE SOURCE:

Table with 9 columns: Budget Object Name, Prior Years, FY 2017-18, FY 2018-19, FY 2019-20, FY 2020-21, FY 2021-22, Total Years 1-5, Total Amount. Rows include Beach Projects Capital, Ponce Inlet and Port District Fund, and Total Revenues.

CAPITAL IMPROVEMENT EXPENDITURE:

Table with 9 columns: Budget Object Name, Prior Years, FY 2017-18, FY 2018-19, FY 2019-20, FY 2020-21, FY 2021-22, Total Years 1-5, Total Amount. Rows include Design, Impact Fees, Implementation Services, Improvements Other Than Buildings, and Total Expenditures.

COUNTY OF VOLUSIA

ADA Walkovers and Walkover Rehabilitations

Department: Public Works

Location: Various Walkovers

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 2017-18 with \$300,000 from the General Fund. Due to the impacts from H.C. Matthew, 21 walkovers had to be completely rebuilt. Funding from 2016-17 was identified as a possible County share for these FEMA and FDEM reimbursable projects. 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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	221,356	300,000	100,000	100,000	100,000	100,000	700,000	921,356
Total Revenues:	221,356	300,000	100,000	100,000	100,000	100,000	700,000	921,356

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Other	221,356	300,000	100,000	100,000	100,000	100,000	700,000	921,356
Total Expenditures:	221,356	300,000	100,000	100,000	100,000	100,000	700,000	921,356

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:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Grants	0	60,000	60,000	60,000	50,000	60,000	290,000	290,000
Ponce Inlet and Port District Fund	2,589,193	625,000	525,000	225,000	225,000	125,000	1,725,000	4,314,193
Total Revenues:	2,589,193	685,000	585,000	285,000	275,000	185,000	2,015,000	4,604,193

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Other	2,589,193	210,000	435,000	285,000	275,000	185,000	1,390,000	3,979,193
Design	0	0	150,000	0	0	0	150,000	150,000
Land	0	475,000	0	0	0	0	475,000	475,000
Total Expenditures:	2,589,193	685,000	585,000	285,000	275,000	185,000	2,015,000	4,604,193

COUNTY OF VOLUSIA
Beach Infrastructure

Department: Public Works

Location: Various Coastal Infrastructure

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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Beach Access Fee	0	278,986	385,000	385,000	385,000	0	1,433,986	1,433,986
Total Revenues:	0	278,986	385,000	385,000	385,000	0	1,433,986	1,433,986

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Other	0	278,986	385,000	385,000	385,000	0	1,433,986	1,433,986
Total Expenditures:	0	278,986	385,000	385,000	385,000	0	1,433,986	1,433,986

COUNTY OF VOLUSIA
Beach Ramp Renovation

Department: Public Works

Location: Various Beach Ramps

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 maintain 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:

Fiscal Year 2017-18:

Rockefeller - \$60,000 design
 Boylston Ave - \$70,000 design
 Plaza Blvd - \$60,000 design
 Browning Ave - \$60,000 design

Fiscal Year 2018-19:

Rockefeller - \$240,000 construction
 Boylston Ave - \$430,000 construction
 Plaza Blvd - \$240,000 construction
 Browning Ave - \$240,000 construction
 Botefur Ave - \$60,000 design

Fiscal Year 2019-20:

Riverview Blvd - \$60,000 design
 Botefur Ave - \$340,000 construction

Fiscal Year 2020-21:

University Blvd - \$300,000 construction
 Seabreeze Blvd - \$60,000 design
 Riverview Blvd - \$240,000 construction
 Riverbeach - \$60,000 design
 Seaview Ave - \$60,000 design
 Glenview - \$60,000 design
 Main Street - \$80,000 design

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Beach Projects Capital	0	250,000	1,210,000	400,000	860,000	0	2,720,000	2,720,000
Total Revenues:	0	250,000	1,210,000	400,000	860,000	0	2,720,000	2,720,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Projects	0	250,000	1,210,000	400,000	860,000	0	2,720,000	2,720,000
Total Expenditures:	0	250,000	1,210,000	400,000	860,000	0	2,720,000	2,720,000

COUNTY OF VOLUSIA
Boardwalk Development

Department: Public Works

Location: Daytona Beach

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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Volusia ECHO	3,381,823	2,386,111	2,676,484	2,981,448	3,301,736	0	11,345,779	14,727,602
Total Revenues:	3,381,823	2,386,111	2,676,484	2,981,448	3,301,736	0	11,345,779	14,727,602

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Projects	90,869	2,386,111	2,676,484	2,981,448	3,301,736	3,290,954	14,636,733	14,727,602
Total Expenditures:	90,869	2,386,111	2,676,484	2,981,448	3,301,736	3,290,954	14,636,733	14,727,602

COUNTY OF VOLUSIA

Halifax/Indian River Channel Markers

Department: Public Works

Location: Halifax and Indian River

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

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Ponce Inlet and Port District Fund	174,660	130,000	0	0	0	0	130,000	304,660
Total Revenues:	174,660	130,000	0	0	0	0	130,000	304,660

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Projects	174,660	130,000	0	0	0	0	130,000	304,660
Total Expenditures:	174,660	130,000	0	0	0	0	130,000	304,660

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 Conservation Plan (HCP) 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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Beach Access Fee	416,278	79,011	0	0	0	0	79,011	495,289
Volusia ECHO	0	302,925	0	0	0	0	302,925	302,925
Total Revenues:	416,278	381,936	0	0	0	0	381,936	798,214

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Projects	329,438	381,936	0	0	0	0	381,936	711,374
Engineering	84,201	0	0	0	0	0	0	84,201
Impact Fees	2,550	0	0	0	0	0	0	2,550
Implementation Services	89	0	0	0	0	0	0	89
Total Expenditures:	416,278	381,936	0	0	0	0	381,936	798,214

COUNTY OF VOLUSIA
Inlet Channel Dredging (USACE)

Department: Public Works

Location: Ponce Inlet

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. This USACE is scheduled for a full hydraulic dredge of the Ponce Deleon Inlet in the winter of 2017-18 as there response to conditions resulting from Hurricane Matthew.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Ponce Inlet and Port District Fund	720,251	150,000	150,000	150,000	150,000	150,000	750,000	1,470,251
Total Revenues:	720,251	150,000	150,000	150,000	150,000	150,000	750,000	1,470,251

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Projects	720,251	150,000	150,000	150,000	150,000	150,000	750,000	1,470,251
Total Expenditures:	720,251	150,000	150,000	150,000	150,000	150,000	750,000	1,470,251

COUNTY OF VOLUSIA
Lighthouse Point Park Boardwalk

Department: Public Works

Location: 5000 S. Atlantic Ave

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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Ponce Inlet and Port District Fund	0	200,000	500,000	400,000	0	0	1,100,000	1,100,000
Total Revenues:	0	200,000	500,000	400,000	0	0	1,100,000	1,100,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Projects	0	200,000	500,000	400,000	0	0	1,100,000	1,100,000
Total Expenditures:	0	200,000	500,000	400,000	0	0	1,100,000	1,100,000

COUNTY OF VOLUSIA

Mary McLeod Bethune Beach Park - Restroom

Department: Public Works

Location: 6656 S Atlantic Ave

CIP Category: Coastal

Account Number: 001-150-6100

Description/Justification for Capital and Operating

Renovate the restrooms at Mary McLeod Bethune Beach Park.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	0	0	300,000	0	0	300,000	300,000
Total Revenues:	0	0	0	300,000	0	0	300,000	300,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	0	0	0	300,000	0	0	300,000	300,000
Total Expenditures:	0	0	0	300,000	0	0	300,000	300,000

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

PW-COS-5

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Beach Projects Capital	676,954	119,736	0	0	0	0	119,736	796,690
Total Revenues:	676,954	119,736	0	0	0	0	119,736	796,690

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	99,998	0	0	0	0	0	0	99,998
Construction Projects	528,616	119,736	0	0	0	0	119,736	648,352
Design	44,940	0	0	0	0	0	0	44,940
Impact Fees	3,400	0	0	0	0	0	0	3,400
Total Expenditures:	676,954	119,736	0	0	0	0	119,736	796,690

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 Conservation Plan (HCP) and the Incidental Take Permit (ITP). Off-beach parking that is convenient, 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

PW-COS-6

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Beach Projects Capital	983,342	687,424	0	0	0	0	687,424	1,670,766
Total Revenues:	983,342	687,424	0	0	0	0	687,424	1,670,766

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	0	1,191,936	0	0	0	0	1,191,936	1,191,936
Construction Other	6,780	0	0	0	0	0	0	6,780
Construction Projects	404,099	0	0	0	0	0	0	404,099
Design	49,801	0	0	0	0	0	0	49,801
Engineering	6,785	0	0	0	0	0	0	6,785
Impact Fees	87	0	0	0	0	0	0	87
Implementation Services	11,278	0	0	0	0	0	0	11,278
Total Expenditures:	478,830	1,191,936	0	0	0	0	1,191,936	1,670,766

COUNTY OF VOLUSIA

Smyrna Dunes Boardwalk Reconstruction - ECHO

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:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Beach Projects Capital	4,181,879	0	0	0	0	0	0	4,181,879
Volusia ECHO	0	800,000	0	0	0	0	800,000	800,000
Total Revenues:	4,181,879	800,000	0	0	0	0	800,000	4,981,879

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Design	193,800	0	0	0	0	0	0	193,800
Improvements Other Than Buildings	3,988,079	800,000	0	0	0	0	800,000	4,788,079
Total Expenditures:	4,181,879	800,000	0	0	0	0	800,000	4,981,879

COUNTY OF VOLUSIA
South Jetty Fishing Deck

Department: Public Works

Location: New Smyrna Beach

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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Ponce Inlet and Port District Fund	0	120,000	0	0	75,000	0	195,000	195,000
Total Revenues:	0	120,000	0	0	75,000	0	195,000	195,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Engineering	0	120,000	0	0	75,000	0	195,000	195,000
Total Expenditures:	0	120,000	0	0	75,000	0	195,000	195,000

COUNTY OF VOLUSIA

Public Works - Potable Water

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2017-18 Year 1	FY 2018-19 Year 2	FY 2019-20 Year 3	FY 2020-21 Year 4	FY 2021-22 Year 5	Total Amount
Alternative Water Sources and Water Supply	0	700,000	0	0	0	0	700,000
Future Capital Projects-Water	0	0	1,800,000	1,175,000	750,000	0	3,725,000
Glen Abbey WTP Water Quality Improvements	1,206,431	350,000	0	0	0	0	1,556,431
SW2 Water Quality Improvement	485,914	1,000,000	200,000	0	0	0	1,685,914
TOTAL EXPENDITURES	1,692,345	2,050,000	2,000,000	1,175,000	750,000	0	7,667,345

REVENUE SOURCE:

Project Title	Prior Years	FY 2017-18 Year 1	FY 2018-19 Year 2	FY 2019-20 Year 3	FY 2020-21 Year 4	FY 2021-22 Year 5	Total Amount
Florida Department Environmental Protection	0	200,000	0	0	0	0	200,000
Water Sewer Utilities	1,692,345	1,850,000	2,000,000	1,175,000	750,000	0	7,467,345
TOTAL REVENUES	1,692,345	2,050,000	2,000,000	1,175,000	750,000	0	7,667,345

COUNTY OF VOLUSIA

Alternative Water Sources and Water Supply

Department: Public Works

Location: System-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 withdrawals from traditional ground water sources such as the Floridan Aquifer. Volusia County works in cooperation with the St. Johns River Water Management District (SJRWMD), Florida Department of Environmental Protection (DEP), and water suppliers of partnering cities to ensure that adequate and sustainable water supplies are available to meet future needs in the region while also protecting the environment.

In fiscal year 2016-17, the County commenced design and initiated construction of a reclaimed water main extension which will provide alternative water supply service for commercial development within the I-4 activity center. Construction will be completed by summer 2018.

Also in fiscal year 2016-17, the County initiated design for the construction of water production/test wells on county-owned property located outside the springshed boundaries of Volusia Blue Spring. The purpose of the project is the determine source water yield and quality. Completion is also expected during fiscal year 2017-18.

Project Reference

Capital Project Schedule: PW-WRU-3

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Florida Department Environmental Protection	0	200,000	0	0	0	0	200,000	200,000
Water Sewer Utilities	0	500,000	0	0	0	0	500,000	500,000
Total Revenues:	0	700,000	0	0	0	0	700,000	700,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Other	0	700,000	0	0	0	0	700,000	700,000
Total Expenditures:	0	700,000	0	0	0	0	700,000	700,000

COUNTY OF VOLUSIA
Future Capital Projects-Water

Department: Public Works

Location: Utility System-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:

\$300,000 - utility interconnects engineering and design

\$1,200,000 - advanced meter infrastructure and distribution monitoring technology for water conservation

\$300,000 - reclaimed water main extension construction

Fiscal Year 2019-20:

\$1,000,000 - Water Treatment Plant process/technology upgrades

\$175,000 - reclaimed water main extension engineering and design

Fiscal Year 2020-21:

\$750,000 - reclaimed water main extension construction

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Water Sewer Utilities	0	0	1,800,000	1,175,000	750,000	0	3,725,000	3,725,000
Total Revenues:	0	0	1,800,000	1,175,000	750,000	0	3,725,000	3,725,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Other	0	0	1,500,000	1,000,000	750,000	0	3,250,000	3,250,000
Engineering	0	0	300,000	175,000	0	0	475,000	475,000
Total Expenditures:	0	0	1,800,000	1,175,000	750,000	0	3,725,000	3,725,000

COUNTY OF VOLUSIA

Glen Abbey WTP Water Quality Improvements

Department: Public Works

Location: Southwest 1 Utility Service Area

CIP Category: Potable Water

Account Number: 457-780-4790

Description/Justification for Capital and Operating

Planned improvements include installation of mixing systems within existing ground storage tanks serving the Southwest 1 (Glen Abbey) utility service area. These improvements will enhance water quality and ensure continued compliance with safe drinking water standards.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Water Sewer Utilities	1,206,431	350,000	0	0	0	0	350,000	1,556,431
Total Revenues:	1,206,431	350,000	0	0	0	0	350,000	1,556,431

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Other	921,453	350,000	0	0	0	0	350,000	1,271,453
Engineering	284,978	0	0	0	0	0	0	284,978
Total Expenditures:	1,206,431	350,000	0	0	0	0	350,000	1,556,431

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

Operational, security, and technology upgrades at water treatment facilities serving Southwest 2 (Deltona North) service area to ensure compliance with future regulatory requirements and enhanced service reliability for anticipated increased demand.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Water Sewer Utilities	485,914	1,000,000	200,000	0	0	0	1,200,000	1,685,914
Total Revenues:	485,914	1,000,000	200,000	0	0	0	1,200,000	1,685,914

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Other	192,234	1,000,000	200,000	0	0	0	1,200,000	1,392,234
Engineering	293,680	0	0	0	0	0	0	293,680
Total Expenditures:	485,914	1,000,000	200,000	0	0	0	1,200,000	1,685,914

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COUNTY OF VOLUSIA

Public Works - Road Program

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2017-18 Year 1	FY 2018-19 Year 2	FY 2019-20 Year 3	FY 2020-21 Year 4	FY 2021-22 Year 5	Total Amount
Advanced Permits & Engineering	1,562,122	500,000	500,000	500,000	500,000	500,000	4,062,122
Advanced Right of Way Acquisition	708,733	500,000	500,000	500,000	500,000	500,000	3,208,733
Beresford Ave - Blue Lake Ave to Kepler Rd	0	3,900,000	0	0	0	0	3,900,000
Bridge Repair Program	3,243,946	250,000	250,000	250,000	250,000	250,000	4,493,946
Countywide Safety Projects	3,319,762	1,500,000	1,500,000	1,500,000	2,500,000	2,500,000	12,819,762
Howland Blvd - Providence Blvd to Elkcam Blvd	0	2,500,000	11,600,000	0	0	0	14,100,000
Orange Camp Rd - MLK Blvd to I-4	188,430	10,943,570	0	0	0	0	11,132,000
Park Ave - Old Mission Rd to Massey Ranch Rd	403,317	2,680,000	0	0	0	0	3,083,317
Tenth St - Myrtle Ave to US 1	2,661,000	7,055,455	0	0	0	0	9,716,455
Traffic Signal Upgrade	0	600,000	600,000	600,000	600,000	600,000	3,000,000
TOTAL EXPENDITURES	12,087,310	30,429,025	14,950,000	3,350,000	4,350,000	4,350,000	69,516,335

REVENUE SOURCE:

Project Title	Prior Years	FY 2017-18 Year 1	FY 2018-19 Year 2	FY 2019-20 Year 3	FY 2020-21 Year 4	FY 2021-22 Year 5	Total Amount
Bond Funded Road Program	6,819,425	4,314,030	2,700,000	0	0	0	13,833,455
Gas Tax-Local Option	9,237,880	12,080,000	12,250,000	3,350,000	4,350,000	4,350,000	45,617,880
Road Impact Fees Z4/NW	0	7,265,000	0	0	0	0	7,265,000
State Grant	0	2,800,000	0	0	0	0	2,800,000
TOTAL REVENUES	16,057,305	26,459,030	14,950,000	3,350,000	4,350,000	4,350,000	69,516,335

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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Gas Tax-Local Option	1,562,122	500,000	500,000	500,000	500,000	500,000	2,500,000	4,062,122
Total Revenues:	1,562,122	500,000	500,000	500,000	500,000	500,000	2,500,000	4,062,122

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Engineering	1,562,122	500,000	500,000	500,000	500,000	500,000	2,500,000	4,062,122
Total Expenditures:	1,562,122	500,000	500,000	500,000	500,000	500,000	2,500,000	4,062,122

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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Gas Tax-Local Option	708,733	500,000	500,000	500,000	500,000	500,000	2,500,000	3,208,733
Total Revenues:	708,733	500,000	500,000	500,000	500,000	500,000	2,500,000	3,208,733

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Right of Way	708,733	500,000	500,000	500,000	500,000	500,000	2,500,000	3,208,733
Total Expenditures:	708,733	500,000	500,000	500,000	500,000	500,000	2,500,000	3,208,733

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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Road Impact Fees Z4/NW	0	3,900,000	0	0	0	0	3,900,000	3,900,000
Total Revenues:	0	3,900,000	0	0	0	0	3,900,000	3,900,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Projects	0	3,500,000	0	0	0	0	3,500,000	3,500,000
Design	0	400,000	0	0	0	0	400,000	400,000
Total Expenditures:	0	3,900,000	0	0	0	0	3,900,000	3,900,000

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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Gas Tax-Local Option	3,243,946	250,000	250,000	250,000	250,000	250,000	1,250,000	4,493,946
Total Revenues:	3,243,946	250,000	250,000	250,000	250,000	250,000	1,250,000	4,493,946

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Projects	2,659,941	200,000	200,000	200,000	200,000	200,000	1,000,000	3,659,941
Engineering	569,194	50,000	50,000	50,000	50,000	50,000	250,000	819,194
Other Equipment	14,811	0	0	0	0	0	0	14,811
Total Expenditures:	3,243,946	250,000	250,000	250,000	250,000	250,000	1,250,000	4,493,946

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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Gas Tax-Local Option	3,319,762	1,500,000	1,500,000	1,500,000	2,500,000	2,500,000	9,500,000	12,819,762
Total Revenues:	3,319,762	1,500,000	1,500,000	1,500,000	2,500,000	2,500,000	9,500,000	12,819,762

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Projects	3,319,762	1,500,000	1,500,000	1,500,000	2,500,000	2,500,000	9,500,000	12,819,762
Total Expenditures:	3,319,762	1,500,000	1,500,000	1,500,000	2,500,000	2,500,000	9,500,000	12,819,762

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:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Bond Funded Road Program	0	2,500,000	2,700,000	0	0	0	5,200,000	5,200,000
Gas Tax-Local Option	0	0	8,900,000	0	0	0	8,900,000	8,900,000
Total Revenues:	0	2,500,000	11,600,000	0	0	0	14,100,000	14,100,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Projects	0	0	10,850,000	0	0	0	10,850,000	10,850,000
Engineering	0	0	750,000	0	0	0	750,000	750,000
Right of Way	0	2,500,000	0	0	0	0	2,500,000	2,500,000
Total Expenditures:	0	2,500,000	11,600,000	0	0	0	14,100,000	14,100,000

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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Bond Funded Road Program	4,158,425	1,508,575	0	0	0	0	1,508,575	5,667,000
Gas Tax-Local Option	0	2,100,000	0	0	0	0	2,100,000	2,100,000
Road Impact Fees Z4/NW	0	3,365,000	0	0	0	0	3,365,000	3,365,000
Total Revenues:	4,158,425	6,973,575	0	0	0	0	6,973,575	11,132,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Projects	161	10,326,107	0	0	0	0	10,326,107	10,326,268
Engineering	182,537	617,463	0	0	0	0	617,463	800,000
Right of Way	5,732	0	0	0	0	0	0	5,732
Total Expenditures:	188,430	10,943,570	0	0	0	0	10,943,570	11,132,000

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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Gas Tax-Local Option	403,317	2,680,000	0	0	0	0	2,680,000	3,083,317
Total Revenues:	403,317	2,680,000	0	0	0	0	2,680,000	3,083,317

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Projects	0	2,680,000	0	0	0	0	2,680,000	2,680,000
Design	403,317	0	0	0	0	0	0	403,317
Total Expenditures:	403,317	2,680,000	0	0	0	0	2,680,000	3,083,317

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 2018-19.

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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Bond Funded Road Program	2,661,000	305,455	0	0	0	0	305,455	2,966,455
Gas Tax-Local Option	0	3,950,000	0	0	0	0	3,950,000	3,950,000
State Grant	0	2,800,000	0	0	0	0	2,800,000	2,800,000
Total Revenues:	2,661,000	7,055,455	0	0	0	0	7,055,455	9,716,455

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Projects	165,000	7,055,455	0	0	0	0	7,055,455	7,220,455
Engineering	1,263,712	0	0	0	0	0	0	1,263,712
Right of Way	1,232,288	0	0	0	0	0	0	1,232,288
Total Expenditures:	2,661,000	7,055,455	0	0	0	0	7,055,455	9,716,455

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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Gas Tax-Local Option	0	600,000	600,000	600,000	600,000	600,000	3,000,000	3,000,000
Total Revenues:	0	600,000	600,000	600,000	600,000	600,000	3,000,000	3,000,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Projects	0	600,000	600,000	600,000	600,000	600,000	3,000,000	3,000,000
Total Expenditures:	0	600,000	600,000	600,000	600,000	600,000	3,000,000	3,000,000

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COUNTY OF VOLUSIA

Public Works - Solid Waste

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2017-18 Year 1	FY 2018-19 Year 2	FY 2019-20 Year 3	FY 2020-21 Year 4	FY 2021-22 Year 5	Total Amount
Citizen's Convenience Center Improvements	0	118,000	0	0	0	0	118,000
Class III Design Change	0	0	500,000	0	0	0	500,000
Landfill Gas Expansion/System Upgrades	0	675,000	350,000	350,000	300,000	300,000	1,975,000
Landfill Improvements	0	45,000	95,000	48,000	0	0	188,000
Leachate System Improvements	0	175,000	0	0	0	0	175,000
North Cell Construction	0	6,199,000	0	0	0	0	6,199,000
Southeast Area Cell Design	0	110,000	300,000	400,000	50,000	50,000	910,000
Tomoka Farms Road Landfill (TFRL) Southwest Facility	237,723	3,139,285	0	0	0	0	3,377,008
TOTAL EXPENDITURES	237,723	10,461,285	1,245,000	798,000	350,000	350,000	13,442,008

REVENUE SOURCE:

Project Title	Prior Years	FY 2017-18 Year 1	FY 2018-19 Year 2	FY 2019-20 Year 3	FY 2020-21 Year 4	FY 2021-22 Year 5	Total Amount
User Fees Solid Waste	237,723	10,461,285	1,245,000	798,000	350,000	350,000	13,442,008
TOTAL REVENUES	237,723	10,461,285	1,245,000	798,000	350,000	350,000	13,442,008

COUNTY OF VOLUSIA

Citizen's Convenience Center Improvements

Department: Public Works

Location: Tomoka Farms Road Landfill

CIP Category: Solid Waste

Account Number: 450-760-5600

Description/Justification for Capital and Operating

In fiscal year 2017-18, installation of additional out-buildings for the Citizen's Convenience Center.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
User Fees Solid Waste	0	118,000	0	0	0	0	118,000	118,000
Total Revenues:	0	118,000	0	0	0	0	118,000	118,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	0	118,000	0	0	0	0	118,000	118,000
Total Expenditures:	0	118,000	0	0	0	0	118,000	118,000

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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
User Fees Solid Waste	0	0	500,000	0	0	0	500,000	500,000
Total Revenues:	0	0	500,000	0	0	0	500,000	500,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Design	0	0	500,000	0	0	0	500,000	500,000
Total Expenditures:	0	0	500,000	0	0	0	500,000	500,000

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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
User Fees Solid Waste	0	675,000	350,000	350,000	300,000	300,000	1,975,000	1,975,000
Total Revenues:	0	675,000	350,000	350,000	300,000	300,000	1,975,000	1,975,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Projects	0	625,000	300,000	300,000	300,000	300,000	1,825,000	1,825,000
Engineering	0	50,000	50,000	50,000	0	0	150,000	150,000
Total Expenditures:	0	675,000	350,000	350,000	300,000	300,000	1,975,000	1,975,000

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.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
User Fees Solid Waste	0	45,000	95,000	48,000	0	0	188,000	188,000
Total Revenues:	0	45,000	95,000	48,000	0	0	188,000	188,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	0	0	0	0	0	0	0	0
Improvements Other Than Buildings	0	45,000	95,000	48,000	0	0	188,000	188,000
Total Expenditures:	0	45,000	95,000	48,000	0	0	188,000	188,000

COUNTY OF VOLUSIA

Leachate System Improvements

Department: Public Works

Location: Various Facilities

CIP Category: Solid Waste

Account Number: 450-760-5610

Description/Justification for Capital and Operating

Leachate system improvements include \$175,000 for engineering funding for facility and leachate treatment capacity upgrades.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
User Fees Solid Waste	0	175,000	0	0	0	0	175,000	175,000
Total Revenues:	0	175,000	0	0	0	0	175,000	175,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Engineering	0	175,000	0	0	0	0	175,000	175,000
Total Expenditures:	0	175,000	0	0	0	0	175,000	175,000

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

In fiscal year 2017-18, construction of the final 13 acres of the north cell (Area 4) to ensure future landfill capacity, with construction quality assurance (CQA) engineering services.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
User Fees Solid Waste	0	6,199,000	0	0	0	0	6,199,000	6,199,000
Total Revenues:	0	6,199,000	0	0	0	0	6,199,000	6,199,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Projects	0	6,000,000	0	0	0	0	6,000,000	6,000,000
Engineering	0	199,000	0	0	0	0	199,000	199,000
Total Expenditures:	0	6,199,000	0	0	0	0	6,199,000	6,199,000

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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
User Fees Solid Waste	0	110,000	300,000	400,000	50,000	50,000	910,000	910,000
Total Revenues:	0	110,000	300,000	400,000	50,000	50,000	910,000	910,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Engineering	0	110,000	300,000	400,000	50,000	50,000	910,000	910,000
Total Expenditures:	0	110,000	300,000	400,000	50,000	50,000	910,000	910,000

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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
User Fees Solid Waste	237,723	3,139,285	0	0	0	0	3,139,285	3,377,008
Total Revenues:	237,723	3,139,285	0	0	0	0	3,139,285	3,377,008

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Projects	0	3,139,285	0	0	0	0	3,139,285	3,139,285
Design	237,723	0	0	0	0	0	0	237,723
Total Expenditures:	237,723	3,139,285	0	0	0	0	3,139,285	3,377,008

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COUNTY OF VOLUSIA

Public Works - Stormwater - Water Quality

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2017-18 Year 1	FY 2018-19 Year 2	FY 2019-20 Year 3	FY 2020-21 Year 4	FY 2021-22 Year 5	Total Amount
Gabordy Basin / Elizabeth Street Improvements	0	150,000	750,000	0	0	0	900,000
Gemini Springs	253,707	100,000	0	0	0	0	353,707
Land Acquisition	417,028	200,000	200,000	200,000	200,000	200,000	1,417,028
Local Projects	4,582,486	600,000	600,000	600,000	600,000	600,000	7,582,486
McGarity Basin Outfall Improvements	166,518	0	0	0	50,000	150,000	366,518
Mosquito Lagoon Reasonable Assurance Plan	308,206	400,000	0	300,000	0	0	1,008,206
NPDES Program Development & Reporting	52,200	30,000	30,000	30,000	30,000	30,000	202,200
N Peninsula SW Improvements	2,723,521	320,000	300,000	300,000	300,000	400,000	4,343,521
Rio Way Retention Pond	3,915,556	650,000	0	0	0	0	4,565,556
Spruce Creek Sub Basin/B-21 Improvements	0	0	0	0	75,000	50,000	125,000
St. Johns River Basin Planning and Management	100,000	650,000	0	170,000	150,000	0	1,070,000
Volusia Retention Pond	115,535	0	0	100,000	100,000	100,000	415,535
Wilbur by the Sea Drainage Improvements	405,803	420,000	0	0	0	0	825,803
TOTAL EXPENDITURES	13,040,560	3,520,000	1,880,000	1,700,000	1,505,000	1,530,000	23,175,560

REVENUE SOURCE:

Project Title	Prior Years	FY 2017-18 Year 1	FY 2018-19 Year 2	FY 2019-20 Year 3	FY 2020-21 Year 4	FY 2021-22 Year 5	Total Amount
Federal Funds	2,935,058	0	0	0	0	0	2,935,058
Stormwater Assessment	10,105,502	3,520,000	1,880,000	1,700,000	1,505,000	1,530,000	20,240,502
TOTAL REVENUES	13,040,560	3,520,000	1,880,000	1,700,000	1,505,000	1,530,000	23,175,560

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:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Stormwater Assessment	0	150,000	750,000	0	0	0	900,000	900,000
Total Revenues:	0	150,000	750,000	0	0	0	900,000	900,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Projects	0	0	750,000	0	0	0	750,000	750,000
Engineering	0	150,000	0	0	0	0	150,000	150,000
Total Expenditures:	0	150,000	750,000	0	0	0	900,000	900,000

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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Stormwater Assessment	253,707	100,000	0	0	0	0	100,000	353,707
Total Revenues:	253,707	100,000	0	0	0	0	100,000	353,707

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Projects	190,000	100,000	0	0	0	0	100,000	290,000
Engineering	63,707	0	0	0	0	0	0	63,707
Total Expenditures:	253,707	100,000	0	0	0	0	100,000	353,707

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:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Stormwater Assessment	417,028	200,000	200,000	200,000	200,000	200,000	1,000,000	1,417,028
Total Revenues:	417,028	200,000	200,000	200,000	200,000	200,000	1,000,000	1,417,028

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Acquisition Costs	417,028	200,000	200,000	200,000	200,000	200,000	1,000,000	1,417,028
Total Expenditures:	417,028	200,000	200,000	200,000	200,000	200,000	1,000,000	1,417,028

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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Stormwater Assessment	4,582,486	600,000	600,000	600,000	600,000	600,000	3,000,000	7,582,486
Total Revenues:	4,582,486	600,000	600,000	600,000	600,000	600,000	3,000,000	7,582,486

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Projects	4,582,486	600,000	600,000	600,000	600,000	600,000	3,000,000	7,582,486
Total Expenditures:	4,582,486	600,000	600,000	600,000	600,000	600,000	3,000,000	7,582,486

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, installation of stormwater treatment boxes after construction of a stormwater retention pond.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Stormwater Assessment	166,518	0	0	0	50,000	150,000	200,000	366,518
Total Revenues:	166,518	0	0	0	50,000	150,000	200,000	366,518

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Projects	166,518	0	0	0	0	150,000	150,000	316,518
Engineering	0	0	0	0	50,000	0	50,000	50,000
Total Expenditures:	166,518	0	0	0	50,000	150,000	200,000	366,518

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:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Stormwater Assessment	308,206	400,000	0	300,000	0	0	700,000	1,008,206
Total Revenues:	308,206	400,000	0	300,000	0	0	700,000	1,008,206

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Projects	0	300,000	0	300,000	0	0	600,000	600,000
Engineering	308,206	100,000	0	0	0	0	100,000	408,206
Total Expenditures:	308,206	400,000	0	300,000	0	0	700,000	1,008,206

COUNTY OF VOLUSIA

NPDES Program Development & Reporting

Department: Public Works

Location: Various

CIP Category: Stormwater - Water Quality

Account Number: 159-751-7120

Description/Justification for Capital and Operating

Data Collection to prepare National Pollutant Discharge Elimination System (NPDES) Annual Report Supporting Documentation for compliance with the County's NPDES Permit.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Stormwater Assessment	52,200	30,000	30,000	30,000	30,000	30,000	150,000	202,200
Total Revenues:	52,200	30,000	30,000	30,000	30,000	30,000	150,000	202,200

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Engineering	52,200	30,000	30,000	30,000	30,000	30,000	150,000	202,200
Total Expenditures:	52,200	30,000	30,000	30,000	30,000	30,000	150,000	202,200

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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Stormwater Assessment	2,723,521	320,000	300,000	300,000	300,000	400,000	1,620,000	4,343,521
Total Revenues:	2,723,521	320,000	300,000	300,000	300,000	400,000	1,620,000	4,343,521

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Projects	2,723,521	320,000	300,000	300,000	300,000	400,000	1,620,000	4,343,521
Total Expenditures:	2,723,521	320,000	300,000	300,000	300,000	400,000	1,620,000	4,343,521

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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Federal Funds	2,935,058	0	0	0	0	0	0	2,935,058
Stormwater Assessment	980,498	650,000	0	0	0	0	650,000	1,630,498
Total Revenues:	3,915,556	650,000	0	0	0	0	650,000	4,565,556

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Acquisition Costs	3,668,823	0	0	0	0	0	0	3,668,823
Construction Projects	0	650,000	0	0	0	0	650,000	650,000
Engineering	246,733	0	0	0	0	0	0	246,733
Total Expenditures:	3,915,556	650,000	0	0	0	0	650,000	4,565,556

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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Stormwater Assessment	0	0	0	0	75,000	50,000	125,000	125,000
Total Revenues:	0	0	0	0	75,000	50,000	125,000	125,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Engineering	0	0	0	0	75,000	50,000	125,000	125,000
Total Expenditures:	0	0	0	0	75,000	50,000	125,000	125,000

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. Future projects including the renovation of retention ponds with BAM, construction of new retention ponds and the installation of stormwater treatment boxes.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Stormwater Assessment	100,000	650,000	0	170,000	150,000	0	970,000	1,070,000
Total Revenues:	100,000	650,000	0	170,000	150,000	0	970,000	1,070,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Projects	100,000	650,000	0	120,000	100,000	0	870,000	970,000
Engineering	0	0	0	50,000	50,000	0	100,000	100,000
Total Expenditures:	100,000	650,000	0	170,000	150,000	0	970,000	1,070,000

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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Stormwater Assessment	115,535	0	0	100,000	100,000	100,000	300,000	415,535
Total Revenues:	115,535	0	0	100,000	100,000	100,000	300,000	415,535

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Projects	115,535	0	0	100,000	100,000	100,000	300,000	415,535
Total Expenditures:	115,535	0	0	100,000	100,000	100,000	300,000	415,535

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:

Table with 9 columns: Budget Object Name, Prior Years, FY 2017-18, FY 2018-19, FY 2019-20, FY 2020-21, FY 2021-22, 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 2017-18, FY 2018-19, FY 2019-20, FY 2020-21, FY 2021-22, Total Years 1-5, Total Amount. Rows include Construction Projects, Engineering, and Total Expenditures.

COUNTY OF VOLUSIA

Public Works - Wastewater Treatment

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2017-18 Year 1	FY 2018-19 Year 2	FY 2019-20 Year 3	FY 2020-21 Year 4	FY 2021-22 Year 5	Total Amount
Collection Systems Rehab Program	908,598	125,000	100,000	100,000	100,000	0	1,333,598
Future Capital Projects-Wastewater	0	0	200,000	0	350,000	0	550,000
Halifax Wastewater Treatment Plant	1,728,901	400,000	0	0	0	0	2,128,901
NE Wastewater Treatment Plant Expansion	0	0	0	450,000	5,000,000	0	5,450,000
Nutrient Reduction/Basin Management Action Plan (BMAP) Projects	0	300,000	0	0	0	0	300,000
Operations & Maintenance Capital Improvements	1,441,754	700,000	565,000	615,000	670,000	625,000	4,616,754
Southwest Biosolids Dewatering Facilities Upgrade	0	2,500,000	0	0	0	0	2,500,000
TOTAL EXPENDITURES	4,079,253	4,025,000	865,000	1,165,000	6,120,000	625,000	16,879,253

REVENUE SOURCE:

Project Title	Prior Years	FY 2017-18 Year 1	FY 2018-19 Year 2	FY 2019-20 Year 3	FY 2020-21 Year 4	FY 2021-22 Year 5	Total Amount
Water Sewer Utilities	4,079,253	4,025,000	865,000	1,165,000	6,120,000	625,000	16,879,253
TOTAL REVENUES	4,079,253	4,025,000	865,000	1,165,000	6,120,000	625,000	16,879,253

COUNTY OF VOLUSIA

Collection Systems Rehab Program

Department: Public Works

Location: System-wide

CIP Category: Wastewater Treatment

Account Number: 457-780-5558

Description/Justification for Capital and Operating

This capital program assures the continual rehabilitation, replacement, and repair of the 120 current lift station facilities throughout all the County's utility service areas. Effective asset management principles are utilized to determine age and condition, and assess probability and risk of service interruption.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Water Sewer Utilities	908,598	125,000	100,000	100,000	100,000	0	425,000	1,333,598
Total Revenues:	908,598	125,000	100,000	100,000	100,000	0	425,000	1,333,598

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Other	800,425	0	100,000	100,000	100,000	0	300,000	1,100,425
Engineering	108,173	125,000	0	0	0	0	125,000	233,173
Total Expenditures:	908,598	125,000	100,000	100,000	100,000	0	425,000	1,333,598

COUNTY OF VOLUSIA
Future Capital Projects-Wastewater

Department: Public Works

Location: All Utility Service Areas

CIP Category: Wastewater Treatment

Account Number: 457-780-9999

Description/Justification for Capital and Operating

Future Capital Projects (Wastewater Treatment)

Fiscal Year 2018-19:

\$ 200,000 - Southwest 2 wastewater treatment engineering and design

Fiscal Year 2020-21:

\$ 350,000 - NE wastewater disposal engineering and design

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Water Sewer Utilities	0	0	200,000	0	350,000	0	550,000	550,000
Total Revenues:	0	0	200,000	0	350,000	0	550,000	550,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Other	0	0	0	0	0	0	0	0
Engineering	0	0	200,000	0	350,000	0	550,000	550,000
Total Expenditures:	0	0	200,000	0	350,000	0	550,000	550,000

COUNTY OF VOLUSIA
Halifax Wastewater Treatment Plant

Department: Public Works

Location: Northeast Utility Service Area

CIP Category: Wastewater Treatment

Account Number: 457-780-5160

Description/Justification for Capital and Operating

This project calls for the rehabilitation of the existing 300,000 gal/day wastewater treatment facility to ensure continued reliable service for utility customers and compliance with federal and state clean water standards.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Water Sewer Utilities	1,728,901	400,000	0	0	0	0	400,000	2,128,901
Total Revenues:	1,728,901	400,000	0	0	0	0	400,000	2,128,901

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Other	1,211,630	400,000	0	0	0	0	400,000	1,611,630
Design	517,271	0	0	0	0	0	0	517,271
Total Expenditures:	1,728,901	400,000	0	0	0	0	400,000	2,128,901

COUNTY OF VOLUSIA

NE Wastewater Treatment Plant Expansion

Department: Public Works

Location: Halifax Plantation, Ormond Beach

CIP Category: Wastewater Treatment

Account Number: 457-780-9999

Description/Justification for Capital and Operating

The project calls for the replacement of the County's 300,000 gallon/day wastewater treatment facility, located at Halifax Plantation. The existing steel ring facility is nearing the end of its useful life cycle.

A new energy efficient and advanced treatment facility with an additional 100,000 gallon/day capacity will be constructed to accommodate future increased service demand resulting from anticipated residential growth and commercial development within the utility service area.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Water Sewer Utilities	0	0	0	450,000	5,000,000	0	5,450,000	5,450,000
Total Revenues:	0	0	0	450,000	5,000,000	0	5,450,000	5,450,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Other	0	0	0	0	5,000,000	0	5,000,000	5,000,000
Engineering	0	0	0	450,000	0	0	450,000	450,000
Total Expenditures:	0	0	0	450,000	5,000,000	0	5,450,000	5,450,000

COUNTY OF VOLUSIA

Nutrient Reduction/Basin Management Action Plan (BMAP) Projects

Department: Public Works

Location: County-wide

CIP Category: Wastewater Treatment

Account Number: 457-780-5276

Description/Justification for Capital and Operating

This program funds planning; engineering; and design initiatives, involving the County utility, for improved regional water quality through the reduction of nutrients and other pollutants considered harmful to environmentally sensitive springs and surface waters. Projects for improved regional water quality are commonly developed through DEP initiated basin management action plans (BMAPs) and local initiated reasonable assurance plans (RAPs). The County utility continually seeks to partner with local city utilities, state agencies, and the SJRWMD in achieving mutual goals for improved regional water quality.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Water Sewer Utilities	0	300,000	0	0	0	0	300,000	300,000
Total Revenues:	0	300,000	0	0	0	0	300,000	300,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Engineering	0	300,000	0	0	0	0	300,000	300,000
Total Expenditures:	0	300,000	0	0	0	0	300,000	300,000

COUNTY OF VOLUSIA

Operations & Maintenance Capital Improvements

Department: Public Works

Location: All Utility Service Areas

CIP Category: Wastewater Treatment

Account Number: 457-780-4100

Description/Justification for Capital and Operating

Fiscal Year 2017-18:

Engineering Task Assignments; Water main replacements; well rehabilitation; minor treatment plant upgrades; inflow/infiltration - pipe slip lining/manhole rehabilitation

Fiscal Years 2018-19 to 2021-22:

Lift station rehabilitation; Water main replacements; production well rehabilitations; treatment plant technology upgrades; inflow/infiltration - pipe slip lining/manhole rehabilitation

Project Reference

None

OPERATING IMPACT:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Operations/Maintenance	0	0	0	0	0	0	0	0
Total Operating Impact:	0	0	0	0	0	0	0	0

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Water Sewer Utilities	1,441,754	700,000	565,000	615,000	670,000	625,000	3,175,000	4,616,754
Total Revenues:	1,441,754	700,000	565,000	615,000	670,000	625,000	3,175,000	4,616,754

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Engineering	21,051	200,000	0	0	0	0	200,000	221,051
Improvements Other Than Buildings	1,420,703	500,000	565,000	615,000	670,000	625,000	2,975,000	4,395,703
Total Expenditures:	1,441,754	700,000	565,000	615,000	670,000	625,000	3,175,000	4,616,754

COUNTY OF VOLUSIA

Southwest Biosolids Dewatering Facilities Upgrade

Department: Public Works

Location: Wastewater Treatment Plant DeBary

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:

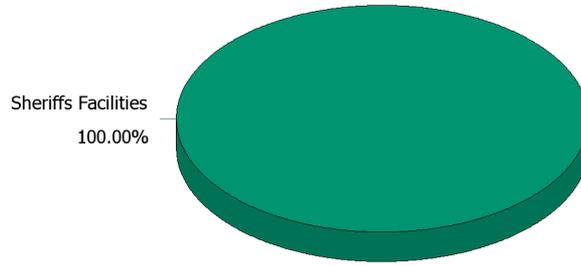
Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Water Sewer Utilities	0	2,500,000	0	0	0	0	2,500,000	2,500,000
Total Revenues:	0	2,500,000	0	0	0	0	2,500,000	2,500,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Construction Other	0	2,500,000	0	0	0	0	2,500,000	2,500,000
Total Expenditures:	0	2,500,000	0	0	0	0	2,500,000	2,500,000

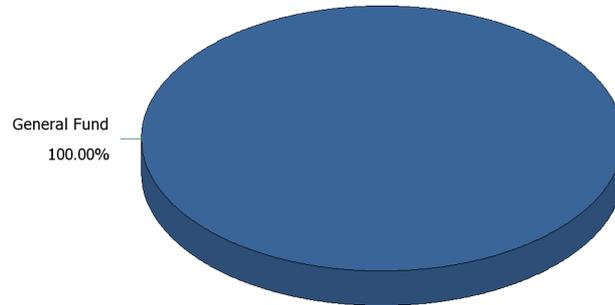
**COUNTY OF VOLUSIA
Sheriff**

FY 2017-18 Expenditures



Division	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
Critical Communications	0	0	5,000,000	0	0	0	5,000,000
General Government	0	0	213,000	500,000	0	0	713,000
Sheriffs Facilities	0	150,000	3,350,000	2,500,000	0	0	6,000,000
Total Expenditures	0	150,000	8,563,000	3,000,000	0	0	11,713,000

FY 2017-18 Revenues



Revenue Source	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total
General Fund	0	150,000	7,063,926	1,350,926	0	0	8,564,852
Municipal Service District Fund	0	0	1,499,074	1,649,074	0	0	3,148,148
Total Revenues	0	150,000	8,563,000	3,000,000	0	0	11,713,000

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COUNTY OF VOLUSIA

Sheriff - Critical Communications

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2017-18 Year 1	FY 2018-19 Year 2	FY 2019-20 Year 3	FY 2020-21 Year 4	FY 2021-22 Year 5	Total Amount
Next Generation 911 System	0	0	5,000,000	0	0	0	5,000,000
TOTAL EXPENDITURES	0	0	5,000,000	0	0	0	5,000,000

REVENUE SOURCE:

Project Title	Prior Years	FY 2017-18 Year 1	FY 2018-19 Year 2	FY 2019-20 Year 3	FY 2020-21 Year 4	FY 2021-22 Year 5	Total Amount
General Fund	0	0	5,000,000	0	0	0	5,000,000
TOTAL REVENUES	0	0	5,000,000	0	0	0	5,000,000

COUNTY OF VOLUSIA

Next Generation 911 System

Department: Sheriff

Location: 3825 Tiger Bay Rd

CIP Category: Critical Communications

Account Number: 369-930-1455

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:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	0	5,000,000	0	0	0	5,000,000	5,000,000
Total Revenues:	0	0	5,000,000	0	0	0	5,000,000	5,000,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	5,000,000	0	0	0	5,000,000	5,000,000
Total Expenditures:	0	0	5,000,000	0	0	0	5,000,000	5,000,000

COUNTY OF VOLUSIA

Sheriff - General Government

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2017-18 Year 1	FY 2018-19 Year 2	FY 2019-20 Year 3	FY 2020-21 Year 4	FY 2021-22 Year 5	Total Amount
Action Target Line	0	0	213,000	0	0	0	213,000
EVOC Track Resurfacing	0	0	0	500,000	0	0	500,000
TOTAL EXPENDITURES	0	0	213,000	500,000	0	0	713,000

REVENUE SOURCE:

Project Title	Prior Years	FY 2017-18 Year 1	FY 2018-19 Year 2	FY 2019-20 Year 3	FY 2020-21 Year 4	FY 2021-22 Year 5	Total Amount
General Fund	0	0	213,000	500,000	0	0	713,000
TOTAL REVENUES	0	0	213,000	500,000	0	0	713,000

COUNTY OF VOLUSIA

Action Target Line

Department: Sheriff

Location: 3901 Tiger Bay Rd, Daytona Beach

CIP Category: General Government

Account Number: 001-400-1700

Description/Justification for Capital and Operating

Action target line of fire range is a frame-mounted instant shooting range that comes assembled in modular sections. The system comes complete with an air compressor, smart range control system, all necessary target control devices, steel target assemblies for moving targets, cardboard qualification targets, paper combat targets, installation, and thorough operational training. This system will provide weapons training with a wide variety of scenarios.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	0	213,000	0	0	0	213,000	213,000
Total Revenues:	0	0	213,000	0	0	0	213,000	213,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	0	0	213,000	0	0	0	213,000	213,000
Total Expenditures:	0	0	213,000	0	0	0	213,000	213,000

COUNTY OF VOLUSIA
EVOC Track Resurfacing

Department: Sheriff

Location: 3901 Tiger Bay Rd, Daytona Beach

CIP Category: General Government

Account Number: 001-400-1700

Description/Justification for Capital and Operating

Resurfacing EVOC course- EVOC course is required to training emergency driving skills. Current facility will need to be resurfaced utilizing various materials to accommodate several different types of emergency vehicles.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	0	0	500,000	0	0	500,000	500,000
Total Revenues:	0	0	0	500,000	0	0	500,000	500,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Buildings and Structures	0	0	0	500,000	0	0	500,000	500,000
Total Expenditures:	0	0	0	500,000	0	0	500,000	500,000

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COUNTY OF VOLUSIA

Sheriff - Sheriffs Facilities

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2017-18 Year 1	FY 2018-19 Year 2	FY 2019-20 Year 3	FY 2020-21 Year 4	FY 2021-22 Year 5	Total Amount
Sheriff's CAD/RMS	0	150,000	2,350,000	2,500,000	0	0	5,000,000
Sheriff's Operations Center Renovations	0	0	1,000,000	0	0	0	1,000,000
TOTAL EXPENDITURES	0	150,000	3,350,000	2,500,000	0	0	6,000,000

REVENUE SOURCE:

Project Title	Prior Years	FY 2017-18 Year 1	FY 2018-19 Year 2	FY 2019-20 Year 3	FY 2020-21 Year 4	FY 2021-22 Year 5	Total Amount
General Fund	0	150,000	1,850,926	850,926	0	0	2,851,852
Municipal Service District Fund	0	0	1,499,074	1,649,074	0	0	3,148,148
TOTAL REVENUES	0	150,000	3,350,000	2,500,000	0	0	6,000,000

COUNTY OF VOLUSIA

Sheriff's CAD/RMS

Department: Sheriff

Location: Sheriff's Office

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 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	150,000	850,926	850,926	0	0	1,851,852	1,851,852
Municipal Service District Fund	0	0	1,499,074	1,649,074	0	0	3,148,148	3,148,148
Total Revenues:	0	150,000	2,350,000	2,500,000	0	0	5,000,000	5,000,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Other Equipment	0	150,000	2,350,000	2,500,000	0	0	5,000,000	5,000,000
Total Expenditures:	0	150,000	2,350,000	2,500,000	0	0	5,000,000	5,000,000

COUNTY OF VOLUSIA

Sheriff's Operations Center Renovations

Department: Sheriff

Location: Sheriff's Office

CIP Category: Sheriffs Facilities

Account Number: 369-930-1456

Description/Justification for Capital and Operating

Renovation of current office space

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
General Fund	0	0	1,000,000	0	0	0	1,000,000	1,000,000
Total Revenues:	0	0	1,000,000	0	0	0	1,000,000	1,000,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	1,000,000	0	0	0	1,000,000	1,000,000
Total Expenditures:	0	0	1,000,000	0	0	0	1,000,000	1,000,000

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