

COUNTY OF VOLUSIA, FLORIDA



CAPITAL IMPROVEMENT PLAN
FISCAL YEAR 2015 - 2016

— This page intentionally blank —



COUNTY OF VOLUSIA, FLORIDA

CAPITAL IMPROVEMENT PROGRAM

FY 2015-2016 to FY 2019-2020



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

Tammy J. Bong
Director of Budget & Administrative Services

— This page intentionally blank —



TABLE OF CONTENTS

CAPITAL IMPROVEMENT PROGRAM ELEMENTS

Introduction

Capital Improvement Plan Overview.....	Introduction - 1
Capital Improvement Plan Expenditure Graph.....	Introduction - 5
Capital Improvement Plan Revenue Graph.....	Introduction - 6

Aviation and Economic Resources Graph.....A - 1

Airport.....	A - 3
Economic Development.....	A - 31

Business Services Graph.....B - 1

Critical Communications.....	B - 3
General Government.....	B - 9

Community Services Graph.....C - 1

Library Services.....	C - 3
Mass Transit.....	C - 11
Parks, Recreation, and Culture.....	C - 15

Elections Graph.....D - 1

General Government.....	D - 3
-------------------------	-------

Growth and Resource Management Graph.....E - 1

General Government.....	E - 3
-------------------------	-------

Ocean Center Graph.....F - 1

Ocean Center.....	F - 3
-------------------	-------

Public Protection Graph.....G - 1

Corrections.....	G - 3
Fire Services.....	G - 25
General Government.....	G - 33

Public Works Graph.....H - 1

Coastal.....	H - 3
General Government.....	H - 19
Potable Water.....	H - 23
Road Program.....	H - 31
Solid Waste.....	H - 47
Stormwater - Water Quality.....	H - 57
Wastewater Treatment.....	H - 75

Sheriff's Graph.....I - 1

Sheriff's Facilities.....	I - 3
---------------------------	-------

— This page intentionally blank —





Finance

January, 2016

Attached is the fiscal year 2015-16 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 2015-16 Capital Improvement Projects

Current fiscal year Capital Projects are funded in the amount of \$184,624,894. Public Works projects are 71.0% of the funded projects, Community Services projects follow at 13.5%. The majority of their funding of these areas is from federal/state grant programs.

The Aviation and Economic Resources department has programmed \$7.0 million in capital projects at the Daytona Beach International Airport for fiscal year 2015-16, 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 projects are funded with a combination of 90% federal grants, with 5% from the Florida Department of Transportation, and 5% from airport revenues. An additional \$1.1 million is programmed in the Economic Development Fund for intersection improvements at Beville Road to enhance access to airport property for future development.

The Business Services department includes critical general government infrastructure estimated at \$2.2 million for replacement of the County's 800 MHz radio backbone and equipment; \$1.4 million in renovation and systems upgrades for the Thomas C. Kelly Building; and \$1.1 million in renovations to other county facilities, including the roof at the Agricultural Center, various carpet and roof projects, and replacement of the audio-visual system at the Historic Courthouse. Upgrades and renovations to court facilities are funded at \$1.4 million including elevators, security systems, HVAC, and courtroom expansion.

The Community Services department includes ongoing construction of the Trails Program, with \$19.1 million funded from a combination of federal grants and ECHO (Ecological, Cultural, Historic, and Outdoor) fund. Votran services will be supported with federal capital grants of \$2.7 million to purchase buses and \$450,000 for passenger amenities such as bus shelters.

The Growth & Resource Management department is responding to public demand at the Marine Science Center through improvements of parking and building design for future expansion.

The Ocean Center department is addressing upgrades and renovations through projects totaling \$3.8 million in fiscal year 2015-16. Replacing the lighting systems in all facilities with LED technology is the center's priority for the year. Additional projects are allocated to refurbish entrances and landscaping, air handler, carpet, elevator and roof replacement projects. 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, total \$4.3 million. Capital projects address building integrity and security, as well as improvements to the visitation center. Fire Services projects total \$1.3 million including building improvements in Osteen and roof replacements for Oak Hill and DeLeon Springs stations.

The Public Works department includes the road program funded at \$86.2 million, with 72.0% coming from federal and state grants with the balance from gas taxes. The Veteran's Memorial Bridge over the Halifax river in Daytona Beach will be replaced using federal grant funds, at a cost of \$44.1 million. South Williamson Boulevard will be



Finance

four-laned and extended from Pioneer Trail to Airport Road in Port Orange, using a combination of state grants and gas taxes totaling \$15.0 million. Other major projects include widening Tenth Street in New Smyrna Beach; four-laning and other improvements for Howland Boulevard from Courtland to SR415 in Deltona; four-laning Orange Camp Road from Martin Luther King Boulevard to Interstate 4; and four-laning LPGA from Jimmy Ann Drive to Derbyshire Road in Daytona Beach. Coastal division projects in fiscal year 2015-16 include the initial funding of \$1.5 million from ECHO for boardwalk development project. This funding will provide seed money for planning and matching funds for grants to complete the proposed boardwalk. Off-beach parking development is funded at \$1.2 million from beach access fees and port district funds. Future development of off-beach parking is estimated to cost \$8.4 million, however only \$2 million of the funding has been identified. The county is evaluating additional opportunities to complete its funding requirement.

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 has tried to maximize its capital expenditures and financial flexibility.

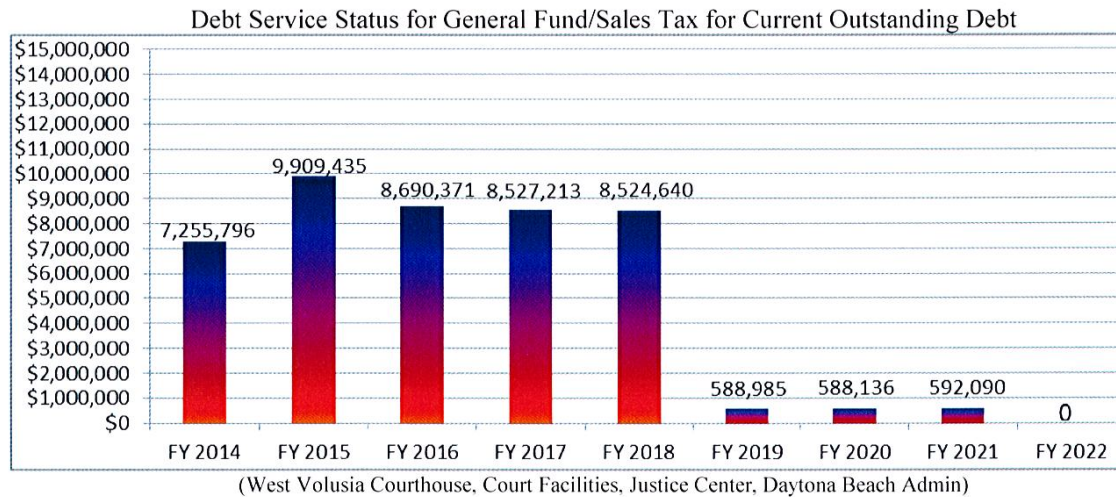
The largest funding source for the fiscal year 2015-16 capital improvement program is federal and state grants, comprising 50.4% of the CIP budget. Fund balance, which carries over project balances from all sources, is the next largest contributor at 33.6%, followed by ad valorem taxes at 9.9% (of the fund balance, \$15.3 million is constitutional fuel taxes in the County Transportation Trust, \$12.0 million for the Bond Funded Road Program, and \$11.8 million from the Local Option Gas Tax). The remaining budget is funded through a mix of enterprise funds, city contributions, 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 Clerk of the Court, the County and Circuit Courts, 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.



Finance

The fiscal year 2015-16 budget includes funding of \$23.3 million for implementation of the core services infrastructure plan: Elections Warehouse - \$2.8 million toward design and engineering; Sheriff's Evidence Facility - \$1.5 million toward design and engineering, and Public Works Service Center - \$19.0 million. The balance of the project budgets would be financed by debt which will be secured by sales tax revenue. As shown in the chart below, the current debt load for the sales tax revenue is \$8.6 million, with the retirement of most of the current debt service in fiscal year 2017-18. As a result, the debt load will fall to approximately \$588,000 in fiscal year 2018-19, leaving capacity to accomplish the core service infrastructure plan within current budget levels.



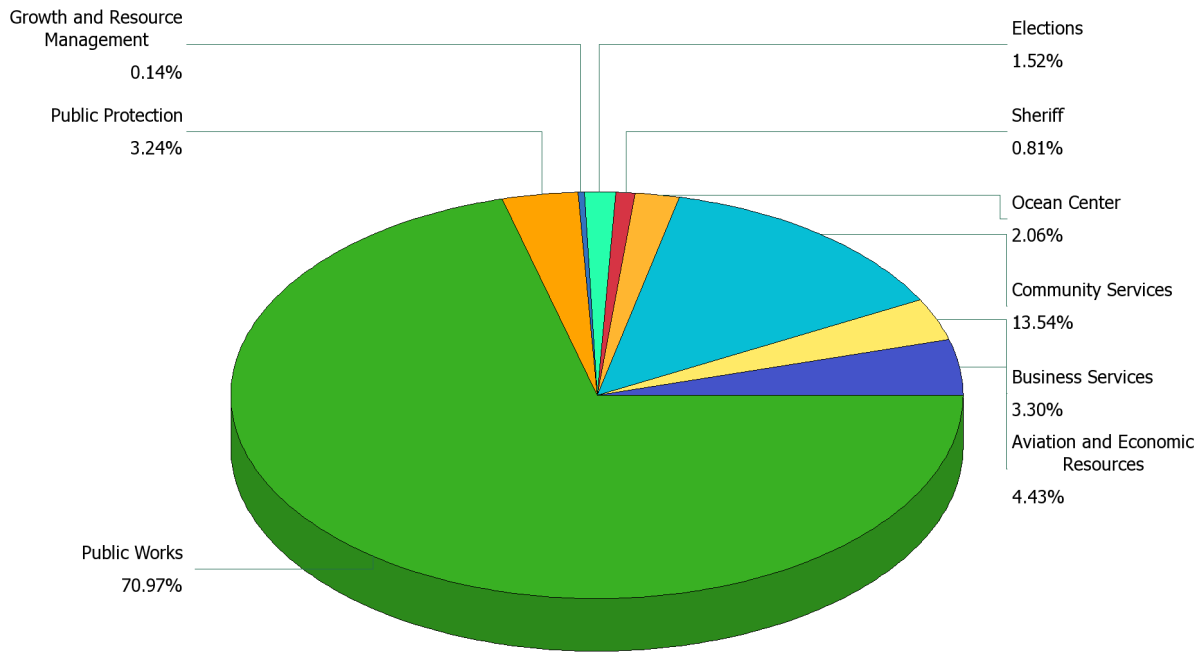
In Conclusion

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,

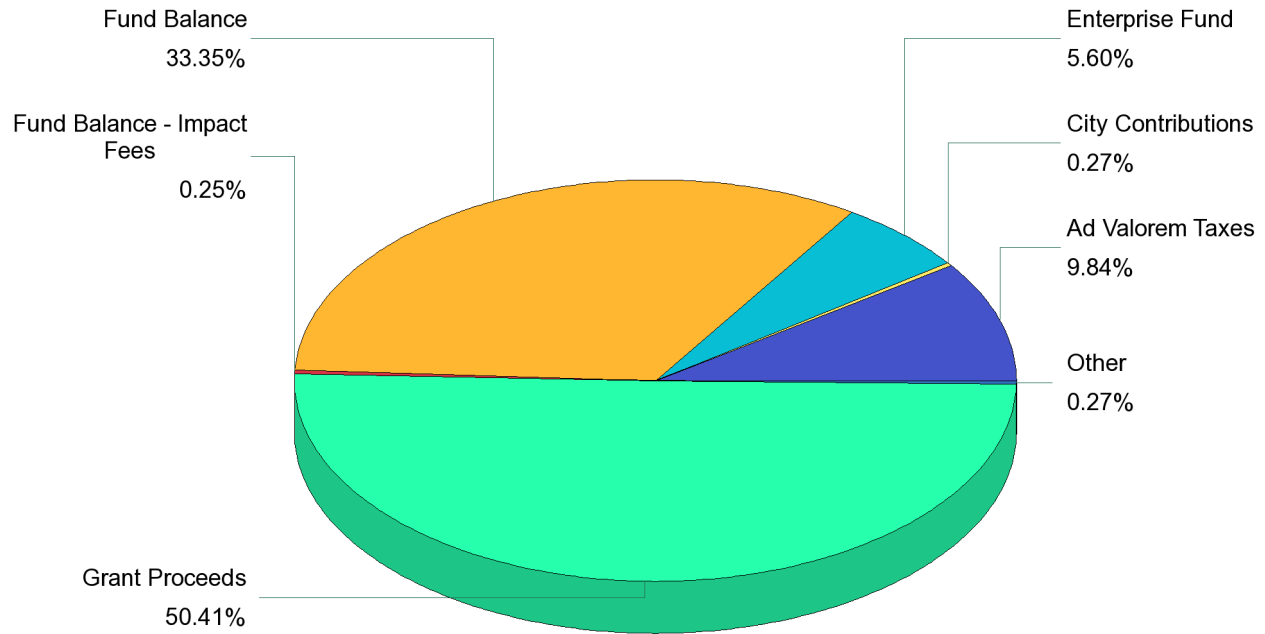
Donna de Peyster, CPA
Deputy County Manager/CFO

COUNTY OF VOLUSIA
Capital Improvement Program
FY 2015-16 Department Expenditure Summary



Department	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total
Aviation and Economic Resources	1,861,767	8,178,964	24,316,710	14,000,000	16,800,000	11,700,000	76,857,441
Business Services	219,796	6,087,862	3,760,000	19,761,527	5,115,000	625,000	35,569,185
Community Services	34,909,157	24,997,542	15,265,928	2,474,750	5,000,000	8,150,750	90,798,127
Ocean Center	0	3,803,672	1,917,465	712,082	1,858,878	4,933,924	13,226,021
Sheriff	0	1,500,000	12,000,000	0	3,400,000	0	16,900,000
Elections	0	2,800,000	0	0	3,100,000	0	5,900,000
Growth and Resource Management	0	250,000	0	0	5,400,000	0	5,650,000
Public Protection	43,409	5,978,304	2,545,000	3,050,000	1,740,000	12,260,000	25,616,713
Public Works	50,962,726	131,028,550	22,037,545	21,597,508	24,815,068	17,116,331	267,557,728
TOTAL EXPENDITURES	87,996,855	184,624,894	81,842,648	61,595,867	67,228,946	54,786,005	538,075,215

COUNTY OF VOLUSIA
Capital Improvement Program
FY 2015-16 Revenue Summary

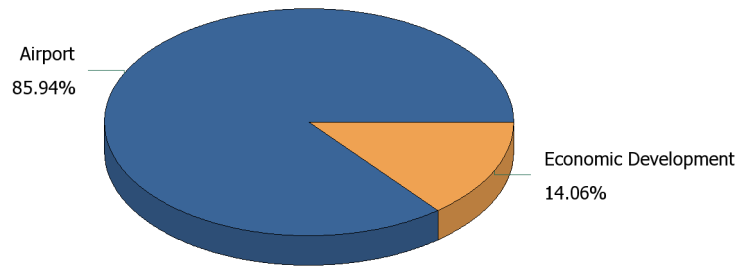


Funding Source	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total
Ad Valorem Taxes	15,501,733	18,170,275	13,114,705	15,234,355	3,395,086	1,300,000	66,716,154
City Contributions	791,731	500,000	0	0	0	0	1,291,731
Enterprise Fund	8,665,187	10,340,848	7,016,605	14,750,000	15,795,000	6,555,000	63,122,640
Fund Balance	42,252,621	61,573,118	16,075,350	11,690,411	9,616,929	10,846,755	152,055,184
Fund Balance - Impact Fees	299,638	463,000	0	0	0	0	762,638
Grant Proceeds	21,185,511	93,077,653	30,576,082	11,899,750	21,305,000	18,825,750	196,869,746
Other	6,660,000	500,000	17,168,500	1,326,708	22,083,414	9,518,500	57,257,122
TOTAL REVENUES	95,356,421	184,624,894	83,951,242	54,901,224	72,195,429	47,046,005	538,075,215

COUNTY OF VOLUSIA

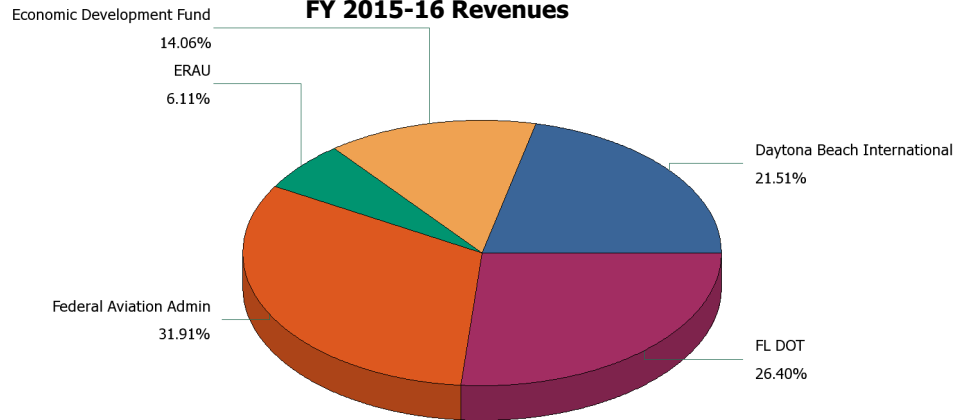
Aviation and Economic Resources

FY 2015-16 Expenditures



Division	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total
Airport	1,748,180	7,028,750	24,316,710	14,000,000	16,800,000	11,700,000	75,593,640
Economic Development	113,587	1,150,214	0	0	0	0	1,263,801
Total Expenditures	1,861,767	8,178,964	24,316,710	14,000,000	16,800,000	11,700,000	76,857,441

FY 2015-16 Revenues



Revenue Source	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total
Daytona Beach International	874,090	1,759,375	3,336,605	4,025,000	5,295,000	675,000	15,965,070
Economic Development Fund	113,587	1,150,214	0	0	0	0	1,263,801
ERAU	0	500,000	0	0	0	0	500,000
Federal Aviation Admin	0	2,610,000	17,743,500	6,300,000	6,210,000	10,350,000	43,213,500
FL DOT	874,090	2,159,375	3,236,605	3,675,000	5,295,000	675,000	15,915,070
Total Revenues	1,861,767	8,178,964	24,316,710	14,000,000	16,800,000	11,700,000	76,857,441

— This page intentionally blank —



COUNTY OF VOLUSIA

Aviation and Economic Resources - Airport

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
Addition of Emergency Response Road	0	0	0	100,000	0	0	100,000
Electrical System Upgrade - Runway 16-34, Taxiways Echo and Whiskey - Design and Construction	0	0	0	0	300,000	3,000,000	3,300,000
Fuel Farm System	0	250,000	0	0	0	0	250,000
Parking Lot Improvements	0	0	3,050,000	0	0	0	3,050,000
Public Announcement Replacement	0	0	210,000	0	0	0	210,000
Replace Centrifugal Chillers	0	0	0	400,000	400,000	200,000	1,000,000
Replacement of ARFF Units	0	1,000,000	215,000	0	850,000	0	2,065,000
Roof Rehabilitation	1,739,652	387,750	0	0	0	0	2,127,402
Runway 16-34 Rehabilitation Design	0	0	0	0	750,000	7,500,000	8,250,000
Runway 25R RSA Improvements	0	150,000	1,500,000	0	0	0	1,650,000
Runway 7R-25L Rehabilitation	0	0	0	500,000	5,000,000	0	5,500,000
Security Systems and Workstations	0	0	0	150,000	0	0	150,000
Stormwater Pond Relocation - Design including safety	0	0	0	0	0	500,000	500,000
Strategic Intermodal System (SIS) - Realign Airport Entrance	0	0	0	5,000,000	0	0	5,000,000
Strategic Intermodal System (SIS) - Transportation Loop Road	0	0	0	500,000	5,000,000	0	5,500,000
Strategic Intermodel System (SIS) - Realign Bellevue Avenue	0	0	0	500,000	4,500,000	0	5,000,000
Taxiway Echo Run-up Ramp Design & Construction	0	1,891,000	0	0	0	0	1,891,000
Taxiway November and Taxiways Alpha 1 and Alpha 2 Rehabilitation	0	1,750,000	17,500,000	0	0	0	19,250,000
Taxiway Sierra Extension Design and Construction	0	1,000,000	0	0	0	0	1,000,000
Taxiway Sierra Rehabilitation and Extension	0	0	500,000	5,000,000	0	0	5,500,000
Taxiway Whiskey Rehabilitation - Design Including Safety Areas	0	0	0	0	0	500,000	500,000
Terminal Air Handlers - Design and Replacement	0	500,000	0	0	0	0	500,000
Terminal Emergency Generators - Replacement	8,528	0	1,241,710	0	0	0	1,250,238
Terminal Exterior Painting	0	0	0	250,000	0	0	250,000
Terminal Flooring	0	100,000	100,000	100,000	0	0	300,000
Update Master Plan	0	0	0	1,500,000	0	0	1,500,000
TOTAL EXPENDITURES	1,748,180	7,028,750	24,316,710	14,000,000	16,800,000	11,700,000	75,593,640

COUNTY OF VOLUSIA

Aviation and Economic Resources - Airport

REVENUE SOURCE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
Daytona Beach International	874,090	1,759,375	3,336,605	4,025,000	5,295,000	675,000	15,965,070
ERAU	0	500,000	0	0	0	0	500,000
Federal Aviation Admin	0	2,610,000	17,743,500	6,300,000	6,210,000	10,350,000	43,213,500
FL DOT	874,090	2,159,375	3,236,605	3,675,000	5,295,000	675,000	15,915,070
TOTAL REVENUES	1,748,180	7,028,750	24,316,710	14,000,000	16,800,000	11,700,000	75,593,640

COUNTY OF VOLUSIA

Addition of Emergency Response 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 of 50% and DBIA funding of 50%

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Daytona Beach International	0	0	0	50,000	0	0	50,000	50,000
FL DOT	0	0	0	50,000	0	0	50,000	50,000
Total Revenues:	0	0	0	100,000	0	0	100,000	100,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	0	100,000	0	0	100,000	100,000
Total Expenditures:	0	0	0	100,000	0	0	100,000	100,000

COUNTY OF VOLUSIA**Electrical System Upgrade - Runway 16-34, Taxiways Echo and Whiskey - Design and Construction**

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-9999

Description/Justification for Capital and Operating

The Rehabilitate Runway Lighting Project is programmed to address needed repairs by replacement of Runway 16-34, Taxiway Echo, and Taxiway Whiskey's edge lighting. The lighting system, which has been in service for over 20 years, is in need of replacement, having surpassed its operational and economic life cycle. The lighting system requires an elevated level of maintenance and repair, potentially increasing flight safety risks. Runway 16-34 is a crosswind runway for the airport serving commercial air carriers, supporting considerable general aviation and flight training traffic. Additionally, this project will upgrade the taxiway lighting to LED technology which will reduce operational costs.

Project Reference

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

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Daytona Beach International	0	0	0	0	15,000	150,000	165,000	165,000
Federal Aviation Admin	0	0	0	0	270,000	2,700,000	2,970,000	2,970,000
FL DOT	0	0	0	0	15,000	150,000	165,000	165,000
Total Revenues:	0	0	0	0	300,000	3,000,000	3,300,000	3,300,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	0	0	300,000	3,000,000	3,300,000	3,300,000
Total Expenditures:	0	0	0	0	300,000	3,000,000	3,300,000	3,300,000

COUNTY OF VOLUSIA

Fuel Farm System

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-4006

Description/Justification for Capital and Operating

This project replaces vehicle fueling system and holding tanks to address its age, safety and environmental concerns.

Original project estimate was \$100,000, with funding 50% Florida Department of Transportation (FDOT) and 50% airport revenues, appropriated with budget resolution 2014-049. Bids with all alternates included exceeded the project estimate; the department has evaluated and limited the project to include just alternate 1. The new estimated cost for the project is \$250,000, a supplemental grant application will be submitted to FDOT and the project will be brought to Council to appropriate the revised project budget.

Project Reference

FDOT - FM436052, Received FDOT grant award \$50,000.00. Anticipate additional funding, FDOT 50% and DBIA 50%

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	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 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	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
Parking Lot Improvements

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-4005

Description/Justification for Capital and Operating

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

Project Reference

FDOT - FM436051 Grant award, \$1,525,000, DBIA funding, \$1,525,000.

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Daytona Beach International	0	0	1,525,000	0	0	0	1,525,000	1,525,000
FL DOT	0	0	1,525,000	0	0	0	1,525,000	1,525,000
Total Revenues:	0	0	3,050,000	0	0	0	3,050,000	3,050,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	3,050,000	0	0	0	3,050,000	3,050,000
Total Expenditures:	0	0	3,050,000	0	0	0	3,050,000	3,050,000

COUNTY OF VOLUSIA
Public Announcement Replacement

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-9999

Description/Justification for Capital and Operating

The replacement of the existing Public Announcement (PA) system hardware is required due to obsolescence and unreliable performance. Further, its existing components are no longer supported by the original equipment manufacturer (OEM). Full system replacement with current state of the art technology will ensure continued reliability of the terminal's PA system and reduce current maintenance requirements.

Project Reference

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

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Daytona Beach International	0	0	105,000	0	0	0	105,000	105,000
FL DOT	0	0	105,000	0	0	0	105,000	105,000
Total Revenues:	0	0	210,000	0	0	0	210,000	210,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	210,000	0	0	0	210,000	210,000
Total Expenditures:	0	0	210,000	0	0	0	210,000	210,000

COUNTY OF VOLUSIA
Replace Centrifugal Chillers

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-9999

Description/Justification for Capital and Operating

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

Project Reference

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

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Daytona Beach International	0	0	0	200,000	200,000	100,000	500,000	500,000
FL DOT	0	0	0	200,000	200,000	100,000	500,000	500,000
Total Revenues:	0	0	0	400,000	400,000	200,000	1,000,000	1,000,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	0	400,000	400,000	200,000	1,000,000	1,000,000
Total Expenditures:	0	0	0	400,000	400,000	200,000	1,000,000	1,000,000

COUNTY OF VOLUSIA
Replacement of ARFF Units

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-9999

Description/Justification for Capital and Operating

Fiscal year 2015-16: replacement of 2005 Aircraft Rescue & Fire Fighting Unit 1 (3,000 gallons) that will reach its useful economic and operational life. This request considers the 12-18 month manufacturing time frame.

Fiscal year 2016-17: replacement of 1995 Aircraft Rescue & Firefighting Unit 3 that will reach its useful economic and operational life. This vehicle is the rapid response unit and is used for fire suppression and rescue and is equipped with both a water and foam system, as well as dry chemicals.

Fiscal year 2018-19: replacement of 2006 Aircraft Rescue & Firefighting Unit 2 (1,500 gallons) that will reach its useful economic and operational life. This request considers the 12-18 month manufacturing time frame.

Project Reference

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

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Daytona Beach International	0	50,000	10,750	0	42,500	0	103,250	103,250
Federal Aviation Admin	0	900,000	193,500	0	765,000	0	1,858,500	1,858,500
FL DOT	0	50,000	10,750	0	42,500	0	103,250	103,250
Total Revenues:	0	1,000,000	215,000	0	850,000	0	2,065,000	2,065,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Automotive Equipment	0	1,000,000	215,000	0	850,000	0	2,065,000	2,065,000
Total Expenditures:	0	1,000,000	215,000	0	850,000	0	2,065,000	2,065,000

COUNTY OF VOLUSIA

Roof Rehabilitation

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-4503

Description/Justification for Capital and Operating

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

Project Reference

FDOT - FM431538, FDOT Grant award \$1,145,518 and DBIA funding, \$1,145,518. Anticipate FDOT funding of 50% and DBIA funding of 50%

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Daytona Beach International	869,826	193,875	0	0	0	0	193,875	1,063,701
FL DOT	869,826	193,875	0	0	0	0	193,875	1,063,701
Total Revenues:	1,739,652	387,750	0	0	0	0	387,750	2,127,402

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	1,739,652	387,750	0	0	0	0	387,750	2,127,402
Total Expenditures:	1,739,652	387,750	0	0	0	0	387,750	2,127,402

COUNTY OF VOLUSIA
Runway 16-34 Rehabilitation Design

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 16-34. The runway is exhibiting signs of degradation and is at the point of its lifecycle requiring milling and overlay in response to the findings of the Florida Department of Transportation Statewide Airfield Pavement Management Program Inspection conducted in January 2012.

Project Reference

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

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Daytona Beach International	0	0	0	0	37,500	375,000	412,500	412,500
Federal Aviation Admin	0	0	0	0	675,000	6,750,000	7,425,000	7,425,000
FL DOT	0	0	0	0	37,500	375,000	412,500	412,500
Total Revenues:	0	0	0	0	750,000	7,500,000	8,250,000	8,250,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	0	0	750,000	7,500,000	8,250,000	8,250,000
Total Expenditures:	0	0	0	0	750,000	7,500,000	8,250,000	8,250,000

COUNTY OF VOLUSIA
Runway 25R RSA Improvements

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-9999

Description/Justification for Capital and Operating

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

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

Project Reference

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

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Daytona Beach International	0	7,500	75,000	0	0	0	82,500	82,500
Federal Aviation Admin	0	135,000	1,350,000	0	0	0	1,485,000	1,485,000
FL DOT	0	7,500	75,000	0	0	0	82,500	82,500
Total Revenues:	0	150,000	1,500,000	0	0	0	1,650,000	1,650,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	150,000	1,500,000	0	0	0	1,650,000	1,650,000
Total Expenditures:	0	150,000	1,500,000	0	0	0	1,650,000	1,650,000

COUNTY OF VOLUSIA
Runway 7R-25L Rehabilitation

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 design and rehabilitation of Runway 7R-25L

This project is in response to the findings of the Florida Department of Transportation Statewide Airfield Pavement Management Program Inspection conducted in January 2012. This project is required to ensure the runway pavement operational & economic lifecycles are met. Failure to plan and execute this pavement rehab will compromise runway longevity and integrity and will result in preventable longer range expensive repairs.

Project Reference

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

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Daytona Beach International	0	0	0	25,000	250,000	0	275,000	275,000
Federal Aviation Admin	0	0	0	450,000	4,500,000	0	4,950,000	4,950,000
FL DOT	0	0	0	25,000	250,000	0	275,000	275,000
Total Revenues:	0	0	0	500,000	5,000,000	0	5,500,000	5,500,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	0	500,000	5,000,000	0	5,500,000	5,500,000
Total Expenditures:	0	0	0	500,000	5,000,000	0	5,500,000	5,500,000

COUNTY OF VOLUSIA
Security Systems and Workstations

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-9999

Description/Justification for Capital and Operating

As of 2015, the Security System is 8.5 years old, approaching the maximum 10-year life, replacement is imperative to maintain the system operation without loss of coverage and to prevent failures.

Project Reference

Anticipate FDOT 50% Funding and DBIA funding 50%

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Daytona Beach International	0	0	0	75,000	0	0	75,000	75,000
FL DOT	0	0	0	75,000	0	0	75,000	75,000
Total Revenues:	0	0	0	150,000	0	0	150,000	150,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	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**Stormwater Pond Relocation - Design including safety**

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-9999

Description/Justification for Capital and Operating

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

Project Reference

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

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	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 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	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**Strategic Intermodal System (SIS) - Realign Airport Entrance**

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-9999

Description/Justification for Capital and Operating

This project will redesign the main airport geometry and make necessary realignment to the airport entrance to provide for future increased vehicular capacity. The Airport Entrance Road will be reconfigured to best utilize the surrounding properties, Midway Avenue, and US 92. Due to the airport's increased enplanements and growth of Daytona markets, the main entrance, as designed, restricts growth and capacity in the area from the airport to US 92.

Project Reference

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

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	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 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	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**Strategic Intermodal System (SIS) -Transportation Loop Road**

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-9999

Description/Justification for Capital and Operating

This project is to design a conceptual layout of the interior transportation system that identifies and connects each of the internal activity centers or nodes, and identifies the locations of intermodal transportation centers that connect the airport with the region. An efficient local transportation network will increase our ability to attract businesses and spur economic development in the region.

Project Reference

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

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Daytona Beach International	0	0	0	250,000	2,500,000	0	2,750,000	2,750,000
FL DOT	0	0	0	250,000	2,500,000	0	2,750,000	2,750,000
Total Revenues:	0	0	0	500,000	5,000,000	0	5,500,000	5,500,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	0	500,000	5,000,000	0	5,500,000	5,500,000
Total Expenditures:	0	0	0	500,000	5,000,000	0	5,500,000	5,500,000

COUNTY OF VOLUSIA**Strategic Intermodel System (SIS) - Realign Bellevue Avenue**

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-9999

Description/Justification for Capital and Operating

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

Project Reference

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

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Daytona Beach International	0	0	0	250,000	2,250,000	0	2,500,000	2,500,000
FL DOT	0	0	0	250,000	2,250,000	0	2,500,000	2,500,000
Total Revenues:	0	0	0	500,000	4,500,000	0	5,000,000	5,000,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	0	500,000	4,500,000	0	5,000,000	5,000,000
Total Expenditures:	0	0	0	500,000	4,500,000	0	5,000,000	5,000,000

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

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

Project Reference

Anticipate FDOT Funding of 50% and DBIA funding 50%

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Daytona Beach International	0	945,500	0	0	0	0	945,500	945,500
FL DOT	0	945,500	0	0	0	0	945,500	945,500
Total Revenues:	0	1,891,000	0	0	0	0	1,891,000	1,891,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	1,891,000	0	0	0	0	1,891,000	1,891,000
Total Expenditures:	0	1,891,000	0	0	0	0	1,891,000	1,891,000

COUNTY OF VOLUSIA**Taxiway November and Taxiways Alpha 1 and Alpha 2 Rehabilitation**

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

FDOT - FM431539 Anticipate FAA 90% funding, FDOT 5% funding and DBIA 5% funding

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Daytona Beach International	0	87,500	875,000	0	0	0	962,500	962,500
Federal Aviation Admin	0	1,575,000	15,750,000	0	0	0	17,325,000	17,325,000
FL DOT	0	87,500	875,000	0	0	0	962,500	962,500
Total Revenues:	0	1,750,000	17,500,000	0	0	0	19,250,000	19,250,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	1,750,000	17,500,000	0	0	0	19,250,000	19,250,000
Total Expenditures:	0	1,750,000	17,500,000	0	0	0	19,250,000	19,250,000

COUNTY OF VOLUSIA

Taxiway Sierra Extension Design and Construction

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-9999

Description/Justification for Capital and Operating

The purpose of this project is to extend Taxiway Sierra to the future Embry-Riddle Aeronautical University (ERAU) Research West Facility and ramp. This project is a joint venture between ERAU and the airport to provide direct access via Taxiway Sierra to the research park and supports the university's continuing growth.

Project Reference

Anticipate FDOT funding of 50% and ERAU funding of 50%

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
ERAU	0	500,000	0	0	0	0	500,000	500,000
FL DOT	0	500,000	0	0	0	0	500,000	500,000
Total Revenues:	0	1,000,000	0	0	0	0	1,000,000	1,000,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	1,000,000	0	0	0	0	1,000,000	1,000,000
Total Expenditures:	0	1,000,000	0	0	0	0	1,000,000	1,000,000

COUNTY OF VOLUSIA**Taxiway Sierra Rehabilitation and Extension**

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-9999

Description/Justification for Capital and Operating

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

Project Reference

Anticipate FAA funding of 90%, FDOT funding of 5%, and DBIA funding of 5% for rehabilitation and 50% ERAU and 50% DBIA for extension

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Daytona Beach International	0	0	25,000	250,000	0	0	275,000	275,000
Federal Aviation Admin	0	0	450,000	4,500,000	0	0	4,950,000	4,950,000
FL DOT	0	0	25,000	250,000	0	0	275,000	275,000
Total Revenues:	0	0	500,000	5,000,000	0	0	5,500,000	5,500,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	500,000	5,000,000	0	0	5,500,000	5,500,000
Total Expenditures:	0	0	500,000	5,000,000	0	0	5,500,000	5,500,000

COUNTY OF VOLUSIA**Taxiway Whiskey Rehabilitation - Design Including Safety Areas**

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-9999

Description/Justification for Capital and Operating

This project is in response to the findings of the FDOT Statewide Airfield Pavement Management Program Inspection conducted in January 2012. The timing of this project is consistent with Taxiway Whiskey's satisfactory to fair condition evaluation and will require rehabilitation in future years.

Project Reference

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

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	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 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	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**Terminal Air Handlers - Design and Replacement**

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-4003

Description/Justification for Capital and Operating

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

Project Reference

FDOT - FM433516, FDOT Grant award, \$800,000 and DBIA funding, \$800,000 for FY'15. Additional cost to complete project, \$500,000. Anticipate 50% FDOT Funding, \$250,000 and 50% Local Funding, \$250,000.

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Daytona Beach International	0	250,000	0	0	0	0	250,000	250,000
FL DOT	0	250,000	0	0	0	0	250,000	250,000
Total Revenues:	0	500,000	0	0	0	0	500,000	500,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	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**Terminal Emergency Generators - Replacement**

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-4004

Description/Justification for Capital and Operating

The purpose of this project is to provide required electrical upgrades to the terminal electrical distribution system and installation of emergency generators to address long-standing shortfalls of backup emergency power for crucial airport systems. Currently, the existing system does not provide critical backup to the terminal fire alarm and other systems as required by current NFPA, NEC and life safety codes. This project is required to bring the terminal into full compliance.

Additionally, in the event of disasters and weather events, the airport becomes a critical community and county node for emergency recovery operations and logistics. This project will ensure critical capacity is provided for all airport terminal utilities and systems including the 6 passenger boarding bridges.

Project Reference

FDOT - FM436050, FDOT Grant award \$112,500. Anticipate additional FDOT funding of 50% and DBIA funding of 50%

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Daytona Beach International	4,264	0	620,855	0	0	0	620,855	625,119
FL DOT	4,264	0	620,855	0	0	0	620,855	625,119
Total Revenues:	8,528	0	1,241,710	0	0	0	1,241,710	1,250,238

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	8,528	0	1,241,710	0	0	0	1,241,710	1,250,238
Total Expenditures:	8,528	0	1,241,710	0	0	0	1,241,710	1,250,238

COUNTY OF VOLUSIA
Terminal Exterior Painting

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-9999

Description/Justification for Capital and Operating

To paint exterior of terminal and canopy.

Project Reference

To be funded by DBIA at 100%

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Daytona Beach International	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 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	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

Terminal Flooring

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-9999

Description/Justification for Capital and Operating

To replace all public terminal flooring.

Project Reference

To be funded by DBIA at 100%

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Daytona Beach International	0	100,000	100,000	100,000	0	0	300,000	300,000
Total Revenues:	0	100,000	100,000	100,000	0	0	300,000	300,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	100,000	100,000	100,000	0	0	300,000	300,000
Total Expenditures:	0	100,000	100,000	100,000	0	0	300,000	300,000

COUNTY OF VOLUSIA

Update Master Plan

Department: Aviation and Economic Resources

Location: Airport

CIP Category: Airport

Account Number: 451-110-9999

Description/Justification for Capital and Operating

This project will update the approved Airport Master Plan, last updated in 2003. The updated master plan will more accurately support the needs of the capital investment and development program of the airport, as well as the County's and City's strategic economic development plan and vision for the airport. This update will ensure that vital growth projections and data can be utilized to support additional capital development.

Project Reference

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

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Daytona Beach International	0	0	0	75,000	0	0	75,000	75,000
Federal Aviation Admin	0	0	0	1,350,000	0	0	1,350,000	1,350,000
FL DOT	0	0	0	75,000	0	0	75,000	75,000
Total Revenues:	0	0	0	1,500,000	0	0	1,500,000	1,500,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	0	1,500,000	0	0	1,500,000	1,500,000
Total Expenditures:	0	0	0	1,500,000	0	0	1,500,000	1,500,000

COUNTY OF VOLUSIA

Aviation and Economic Resources - Economic Development

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
Beville Road Signalization	113,587	1,150,214	0	0	0	0	1,263,801
TOTAL EXPENDITURES	113,587	1,150,214	0	0	0	0	1,263,801

REVENUE SOURCE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
Economic Development Fund	113,587	1,150,214	0	0	0	0	1,263,801
TOTAL REVENUES	113,587	1,150,214	0	0	0	0	1,263,801

— This page intentionally blank —



COUNTY OF VOLUSIA

Beville Road Signalization

Department: Aviation and Economic Resources

Location: Daytona Beach International Airport

CIP Category: Economic Development

Account Number: 130-100-3130

Description/Justification for Capital and Operating

The intersection improvements would include turn lanes on Beville Road, both eastbound and westbound, accommodating Pelican Bay and any new development to the north; mast arms for both Beville Road and the fire station; and traffic signals, flashing only, unless used by the fire station, until the Florida Department of Transportation (FDOT) determines that an increase in traffic warranted full utilization. Full signalization could be activated by development of airport property; or the closing of the left turn lane from Pelican Bay Drive onto Beville Road at the West Gate, at the option of Pelican Bay. Construction contract for the project was awarded in August, 2015, with completion expected in fiscal year 2015-16.

Project Reference

The intersection improvements will complement planning for commercial development of airport property and allow a base to develop a plan for the ultimate development along the north side of Beville Road as an attractive planned gateway to the City of Daytona Beach.

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Economic Development Fund	113,587	1,150,214	0	0	0	0	1,150,214	1,263,801
Total Revenues:	113,587	1,150,214	0	0	0	0	1,150,214	1,263,801

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	170	1,150,214	0	0	0	0	1,150,214	1,150,384
Engineering	113,417	0	0	0	0	0	0	113,417
Total Expenditures:	113,587	1,150,214	0	0	0	0	1,150,214	1,263,801

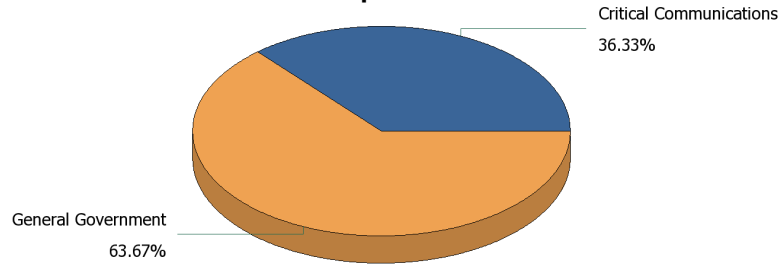
— This page intentionally blank —



COUNTY OF VOLUSIA

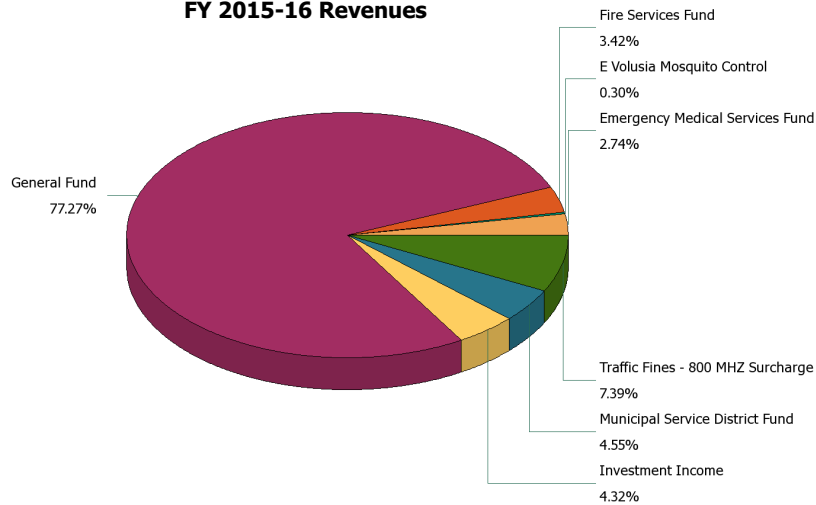
Business Services

FY 2015-16 Expenditures



Division	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total
Critical Communications	219,796	2,211,632	0	17,501,527	0	0	19,932,955
General Government	0	3,876,230	3,760,000	2,260,000	5,115,000	625,000	15,636,230
Total Expenditures	219,796	6,087,862	3,760,000	19,761,527	5,115,000	625,000	35,569,185

FY 2015-16 Revenues



Revenue Source	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total
Capital Project Carryover	255,523	0	0	1,013,071	0	0	1,268,594
Emergency Medical Services Fund	166,935	166,953	166,935	166,953	0	0	667,776
E Volusia Mosquito Control	18,250	18,250	18,250	18,250	0	0	73,000
Fire Services Fund	278,447	208,447	208,447	208,447	0	0	903,788
General Fund	1,234,276	4,704,153	6,097,923	10,115,263	715,000	625,000	23,491,615
Investment Income	13,806	263,159	0	0	0	0	276,965
Municipal Service District Fund	339,400	276,900	276,900	276,900	0	0	1,170,100
To Be Determined	0	0	0	0	4,400,000	0	4,400,000
Traffic Fines - 800 MHZ Surcharge	1,967,347	450,000	450,000	450,000	0	0	3,317,347
Total Revenues	4,273,984	6,087,862	7,218,455	12,248,884	5,115,000	625,000	35,569,185

— This page intentionally blank —



COUNTY OF VOLUSIA

Business Services - Critical Communications

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
800 MHz Backbone Infrastructure Project	49,637	450,000	0	11,700,000	0	0	12,199,637
800 MHz Radio Replacement	0	1,498,473	0	5,801,527	0	0	7,300,000
Network Infrastructure Project	170,159	263,159	0	0	0	0	433,318
TOTAL EXPENDITURES	219,796	2,211,632	0	17,501,527	0	0	19,932,955

REVENUE SOURCE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
Capital Project Carryover	255,523	0	0	1,013,071	0	0	1,268,594
Emergency Medical Services Fund	166,935	166,953	166,935	166,953	0	0	667,776
E Volusia Mosquito Control	18,250	18,250	18,250	18,250	0	0	73,000
Fire Services Fund	278,447	208,447	208,447	208,447	0	0	903,788
General Fund	1,234,276	827,923	2,337,923	7,855,263	0	0	12,255,385
Investment Income	13,806	263,159	0	0	0	0	276,965
Municipal Service District Fund	339,400	276,900	276,900	276,900	0	0	1,170,100
Traffic Fines - 800 MHZ Surcharge	1,967,347	450,000	450,000	450,000	0	0	3,317,347
TOTAL REVENUES	4,273,984	2,211,632	3,458,455	9,988,884	0	0	19,932,955

— This page intentionally blank —



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. 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. The site will be completed in fiscal year 2015-16 at a projected cost of \$99,637. In fiscal year 2015-16, the regional mutual aid system will be simulcast at a cost of \$150,000 to expand radio coverage and to make dispatch operations more efficient, and we will begin development of system design specifications for an RFP to upgrade the 800 MHz system to the next generation of technology based on P25, an industry standard. Engineering services costing an estimated \$250,000 will be used to analyze market and technology direction and to assist with RFP development. The upgrade is necessary to continue support of the system and to maintain reliability. In fiscal year 2017-18, the County will begin migration of the radio system to P25.

The multi-year P25 backbone infrastructure upgrade is projected to cost \$11.7 million. Additional expenses for engineering, southwest tower site upgrades, and simulcast equipment are \$499,637, bringing the total infrastructure project cost to \$12,199,637. Funding of \$4,217,778 is available from 800 MHz traffic surcharge revenues and capital project balances from prior years, leaving a balance of \$7,869,219 in funding required to implement the upgrade in fiscal year 2017-18.

Project Reference

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

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Capital Project Carryover	0	0	0	1,013,071	0	0	1,013,071	1,013,071
General Fund	0	0	1,510,000	6,359,219	0	0	7,869,219	7,869,219
Traffic Fines - 800 MHZ Surcharge	1,967,347	450,000	450,000	450,000	0	0	1,350,000	3,317,347
Total Revenues:	1,967,347	450,000	1,960,000	7,822,290	0	0	10,232,290	12,199,637

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Engineering	0	250,000	0	0	0	0	250,000	250,000
Improvements Other Than Buildings	0	50,000	0	0	0	0	50,000	50,000
Other Equipment	49,637	150,000	0	11,700,000	0	0	11,850,000	11,899,637
Total Expenditures:	49,637	450,000	0	11,700,000	0	0	12,150,000	12,199,637

COUNTY OF VOLUSIA
800 MHz Radio Replacement

Department: Business Services

Location: Countywide

CIP Category: Critical Communications

Account Number: 305-930-4606

Description/Justification for Capital and Operating

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

Project Reference

800 MHz Backbone Infrastructure Project

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Capital Project Carryover	255,523	0	0	0	0	0	0	255,523
Emergency Medical Services Fund	166,935	166,953	166,935	166,953	0	0	500,841	667,776
E Volusia Mosquito Control	18,250	18,250	18,250	18,250	0	0	54,750	73,000
Fire Services Fund	278,447	208,447	208,447	208,447	0	0	625,341	903,788
General Fund	1,077,923	827,923	827,923	1,496,044	0	0	3,151,890	4,229,813
Municipal Service District Fund	339,400	276,900	276,900	276,900	0	0	830,700	1,170,100
Total Revenues:	2,136,478	1,498,473	1,498,455	2,166,594	0	0	5,163,522	7,300,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Other Equipment	0	1,498,473	0	5,801,527	0	0	7,300,000	7,300,000
Total Expenditures:	0	1,498,473	0	5,801,527	0	0	7,300,000	7,300,000

COUNTY OF VOLUSIA
Network Infrastructure Project

Department: Business Services

Location: 49 Keyton Dr.

CIP Category: Critical Communications

Account Number: 322-930-1017

Description/Justification for Capital and Operating

The current fiber optic network connecting many of the buildings on the Indian Lake campus is more than 20 years old, has degraded over time, and is becoming brittle. This project will replace the existing fiber optic network with higher capacity fiber optic cable installed in conduit between the buildings and provide backup service into the Emergency Operations and Sheriff's Communications Center. The conduit will protect the cable and allow future installations for data connectivity to be done for less money. Data network connectivity is becoming more and more critical as departments depend upon computer systems to perform their daily work. Needs for increased network capacity and speeds continues to grow as more information, video, and mapping is delivered to the desktop. The total project budget is projected at \$433,318. The fiber provides voice and data service for the following buildings: Central Services-Fleet and Facilities, Animal Control, Fire Services Training Center, Sheriff's Office training center, Library Support Center, Sheriff's Office District 1, and the Eastside Data Center. The project began construction in the second quarter of fiscal year 2014-15 and will be completed by the 3rd quarter of fiscal year 2015-16.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	156,353	0	0	0	0	0	0	156,353
Investment Income	13,806	263,159	0	0	0	0	263,159	276,965
Total Revenues:	170,159	263,159	0	0	0	0	263,159	433,318

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Implementation Services	0	0	0	0	0	0	0	0
Improvements Other Than Buildings	170,159	263,159	0	0	0	0	263,159	433,318
Total Expenditures:	170,159	263,159	0	0	0	0	263,159	433,318

— This page intentionally blank —



COUNTY OF VOLUSIA

Business Services - General Government

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
Court Facilities Building Renovations	0	100,000	500,000	0	0	0	600,000
Court Facilities Carpet Replacement	0	0	250,000	250,000	165,000	250,000	915,000
Court Facilities City Island Courthouse Improvements	0	0	0	0	1,000,000	0	1,000,000
Court Facilities DeLand Courthouse Courtroom Addition	0	75,000	0	0	0	0	75,000
Court Facilities DeLand Courthouse Parking Garage	0	50,000	250,000	0	0	0	300,000
Court Facilities DeLand Courthouse Thermal Energy Storage	0	0	0	0	250,000	0	250,000
Court Facilities Elevators	0	400,000	0	0	0	0	400,000
Court Facilities HVAC	0	150,000	350,000	450,000	0	0	950,000
Court Facilities Modular Furniture Replacement	0	75,000	150,000	0	0	0	225,000
Court Facilities Plumbing Projects	0	0	30,000	150,000	0	0	180,000
Court Facilities Restrooms	0	25,000	100,000	100,000	0	0	225,000
Court Facilities Roof Projects	0	0	100,000	200,000	0	0	300,000
Court Facilities Security	0	540,000	50,000	0	0	0	590,000
Court Records/Central Services Warehouse	0	0	0	0	3,400,000	0	3,400,000
DeLand Data Center Floor Replacement	0	0	80,000	0	0	0	80,000
Facilities - Ag Center Roof & HVAC Replacement	0	400,000	0	0	0	0	400,000
Facilities - Building Demolition	0	0	100,000	300,000	0	0	400,000
Facilities - Building Envelope Sealing	0	250,000	700,000	0	0	0	950,000
Facilities - Carpet Replacement	0	100,000	225,000	250,000	100,000	225,000	900,000
Facilities - Halifax Historical Museum Roof	0	0	0	0	0	150,000	150,000
Facilities - Historic Courthouse Audio-Video System	0	100,000	0	0	0	0	100,000
Facilities - HVAC Projects	0	80,000	250,000	60,000	0	0	390,000
Facilities - Plumbing Projects	0	0	125,000	0	0	0	125,000
Facilities - Roof Projects	0	170,000	0	0	200,000	0	370,000
Facilities - Thomas C. Kelly Building 2nd Floor Renovation	0	411,230	0	0	0	0	411,230
Facilities - Thomas C. Kelly Building Elevator Repairs and Controllers Upgrade	0	0	250,000	0	0	0	250,000
Facilities - Thomas C. Kelly Building Fire Alarm	0	600,000	0	0	0	0	600,000
Facilities - Thomas C. Kelly Building Modular Furniture Replacement	0	350,000	250,000	500,000	0	0	1,100,000

COUNTY OF VOLUSIA

Business Services - General Government

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
TOTAL EXPENDITURES	0	3,876,230	3,760,000	2,260,000	5,115,000	625,000	15,636,230

REVENUE SOURCE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
General Fund	0	3,876,230	3,760,000	2,260,000	715,000	625,000	11,236,230
To Be Determined	0	0	0	0	4,400,000	0	4,400,000
TOTAL REVENUES	0	3,876,230	3,760,000	2,260,000	5,115,000	625,000	15,636,230

COUNTY OF VOLUSIA

Court Facilities Building Renovations

Department: Business Services

Location: Countywide

CIP Category: General Government

Account Number: 001-870-4300

Description/Justification for Capital and Operating

Building updates as below:

Fiscal year 2015-16

\$80,000 City Island Courthouse - replacement of the glass storefront style doors and side panels at the main entrance

\$20,000 Justice Center - screen wall engineering, this wall blocks the view of the HVAC units on the roof, and contains electrical units and conduit to the HVAC systems. Some of the electrical components are failing and causing leaks in the roof.

Fiscal year 2016-17

\$300,000 Branch Jail - construction of Court Administration and Public Defender Offices in the jail to replace the modular units that now house the offices.

\$200,000 250 Beach Street - renovation of the State Attorney's Offices

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	100,000	500,000	0	0	0	600,000	600,000
Total Revenues:	0	100,000	500,000	0	0	0	600,000	600,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	100,000	500,000	0	0	0	600,000	600,000
Total Expenditures:	0	100,000	500,000	0	0	0	600,000	600,000

COUNTY OF VOLUSIA
Court Facilities Carpet Replacement

Department: Business Services

Location: Countywide

CIP Category: General Government

Account Number: 001-870-4300

Description/Justification for Capital and Operating

Court Facilities carpet replacement schedule:

Fiscal year 2016-17
\$250,000 Court Facilities

Fiscal year 2017-18
\$250,000 Court Facilities

Fiscal year 2018-19
\$60,000 Courthouse Annex
\$50,000 DeLand Courthouse
\$20,000 State Attorney
\$35,000 Public Defender

Fiscal year 2019-20
\$250,000 Court Facilities

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	0	250,000	250,000	165,000	250,000	915,000	915,000
Total Revenues:	0	0	250,000	250,000	165,000	250,000	915,000	915,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	0	250,000	250,000	165,000	250,000	915,000	915,000
Total Expenditures:	0	0	250,000	250,000	165,000	250,000	915,000	915,000

COUNTY OF VOLUSIA**Court Facilities City Island Courthouse Improvements**

Department: Business Services

Location: Daytona Beach

CIP Category: General Government

Account Number: 001-930-9999

Description/Justification for Capital and Operating

The existing courthouse on City Island in Daytona Beach has operational and structural deficiencies relating to security, ADA, technology, courtroom configuration, and emergency backup power. The County will complete an evaluation of the facility and alternatives for improvements to address the issues. This project is part of the core services infrastructure plan presented to Council on May 21, 2015. A loan would need to be secured to commence construction. The debt service plan presented on November 5, 2015, included a projection of obtaining 10-year financing for the \$1,000,000 project cost, with annual estimated debt service of \$120,000.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
To Be Determined	0	0	0	0	1,000,000	0	1,000,000	1,000,000
Total Revenues:	0	0	0	0	1,000,000	0	1,000,000	1,000,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	0	0	0	1,000,000	0	1,000,000	1,000,000
Total Expenditures:	0	0	0	0	1,000,000	0	1,000,000	1,000,000

COUNTY OF VOLUSIA

Court Facilities DeLand Courthouse Courtroom Addition

Department: Business Services

Location: Alabama Avenue, DeLand

CIP Category: General Government

Account Number: 001-870-4300

Description/Justification for Capital and Operating

The chief judge at the DeLand Courthouse cited an increased caseload in the judicial system as the need for a DeLand Courthouse Courtroom addition.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	75,000	0	0	0	0	75,000	75,000
Total Revenues:	0	75,000	0	0	0	0	75,000	75,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	75,000	0	0	0	0	75,000	75,000
Total Expenditures:	0	75,000	0	0	0	0	75,000	75,000

COUNTY OF VOLUSIA

Court Facilities DeLand Courthouse Parking Garage

Department: Business Services

Location: Alabama Avenue, DeLand

CIP Category: General Government

Account Number: 001-870-4300

Description/Justification for Capital and Operating

Repair parking decks and renovate drainage system for the parking garage adjacent to the DeLand Courthouse. Fiscal year 2015-16 expenses are for design and engineering. The estimated cost of the project will be determined after the design and engineering is completed and then will be included in the fiscal year 2016-2017 budget.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	50,000	250,000	0	0	0	300,000	300,000
Total Revenues:	0	50,000	250,000	0	0	0	300,000	300,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	50,000	250,000	0	0	0	300,000	300,000
Total Expenditures:	0	50,000	250,000	0	0	0	300,000	300,000

COUNTY OF VOLUSIA

Court Facilities DeLand Courthouse Thermal Energy Storage

Department: Business Services

Location: Alabama Avenue, DeLand

CIP Category: General Government

Account Number: 001-870-4300

Description/Justification for Capital and Operating

Design and engineering for Thermal Energy Storage (TES) project at the DeLand Courthouse, construction costs will be determined based on engineering estimate.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	0	0	0	250,000	0	250,000	250,000
Total Revenues:	0	0	0	0	250,000	0	250,000	250,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	0	0	0	250,000	0	250,000	250,000
Total Expenditures:	0	0	0	0	250,000	0	250,000	250,000

COUNTY OF VOLUSIA
Court Facilities Elevators

Department: Business Services

Location: City Island Courthouse, Daytona Beach

CIP Category: General Government

Account Number: 001-870-4300

Description/Justification for Capital and Operating

Replace original elevators in the City Island Courthouse. Project design will be done in the first quarter of fiscal year 2015-16, with project completion expected in 3rd quarter of the fiscal year.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General 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 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	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
Court Facilities HVAC

Department: Business Services

Location: Countywide

CIP Category: General Government

Account Number: 001-870-4300

Description/Justification for Capital and Operating

Replacement schedule for Heating, Ventilation and Air Conditioning (HVAC) for County facilities:

Fiscal year 2015-16
\$50,000 City Island Courthouse
\$50,000 Justice Center
\$50,000 Clerk's IT (includes electrical upgrade)

Fiscal year 2016-17
\$300,000 City Island Courthouse
\$ 50,000 Daytona Beach Justice Center Variable Air Volume (VAV)

Fiscal year 2017-18
\$150,000 DeLand Courthouse Chiller
\$300,000 Justice Center

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	150,000	350,000	450,000	0	0	950,000	950,000
Total Revenues:	0	150,000	350,000	450,000	0	0	950,000	950,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	150,000	350,000	450,000	0	0	950,000	950,000
Total Expenditures:	0	150,000	350,000	450,000	0	0	950,000	950,000

COUNTY OF VOLUSIA

Court Facilities Modular Furniture Replacement

Department: Business Services

Location: Justice Center, Daytona Beach

CIP Category: General Government

Account Number: 001-870-4300

Description/Justification for Capital and Operating

Multi-year project to replace the existing modular furniture in the Daytona Beach Justice Center. Existing modular furniture is not able to accommodate the technological needs for computer networking and electrical supply.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	75,000	150,000	0	0	0	225,000	225,000
Total Revenues:	0	75,000	150,000	0	0	0	225,000	225,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	75,000	150,000	0	0	0	225,000	225,000
Total Expenditures:	0	75,000	150,000	0	0	0	225,000	225,000

COUNTY OF VOLUSIA
Court Facilities Plumbing Projects

Department: Business Services

Location: Countywide

CIP Category: General Government

Account Number: 001-870-4300

Description/Justification for Capital and Operating

Court facilities plumbing projects.

Fiscal year 2016-17

\$30,000 City Island Project Engineering

Fiscal year 2017-18

\$150,000 City Island Plumbing

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	0	30,000	150,000	0	0	180,000	180,000
Total Revenues:	0	0	30,000	150,000	0	0	180,000	180,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	0	30,000	150,000	0	0	180,000	180,000
Total Expenditures:	0	0	30,000	150,000	0	0	180,000	180,000

COUNTY OF VOLUSIA
Court Facilities Restrooms

Department: Business Services

Location: Countywide

CIP Category: General Government

Account Number: 001-870-4300

Description/Justification for Capital and Operating

Repair and renovation projects for restrooms at court facilities.

Fiscal year 2015-16

\$250,000 City Island Courthouse and Courthouse Annex - Engineering

Fiscal year 2016-17

\$100,000 City Island Courthouse and Courthouse Annex Phase 1

Fiscal year 2017-18

\$100,000 City Island Courthouse and Courthouse Annex Phase 2

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	25,000	100,000	100,000	0	0	225,000	225,000
Total Revenues:	0	25,000	100,000	100,000	0	0	225,000	225,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	25,000	100,000	100,000	0	0	225,000	225,000
Total Expenditures:	0	25,000	100,000	100,000	0	0	225,000	225,000

COUNTY OF VOLUSIA
Court Facilities Roof Projects

Department: Business Services

Location: Countywide

CIP Category: General Government

Account Number: 001-870-4300

Description/Justification for Capital and Operating

Court facilities roof projects schedule:

Fiscal year 2016-17
\$100,000 State Attorney

Fiscal year 2017-18
\$200,000 Clerk's Record Storage

Project Reference

Clerk's Record Storage roof will not be required if new facility is constructed.

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	0	100,000	200,000	0	0	300,000	300,000
Total Revenues:	0	0	100,000	200,000	0	0	300,000	300,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	0	100,000	200,000	0	0	300,000	300,000
Total Expenditures:	0	0	100,000	200,000	0	0	300,000	300,000

COUNTY OF VOLUSIA
Court Facilities Security

Department: Business Services

Location: Countywide

CIP Category: General Government

Account Number: 001-870-4300

Description/Justification for Capital and Operating

Upgrades to building security at Court buildings to include new door hardware and keying systems, metal detectors and video monitoring systems.

Fiscal year 2015-16

\$ 40,000 DeLand Courthouse sally port doors

\$ 50,000 City Island hardware and keying system

\$450,000 DeLand Courthouse hardware and keying system

Fiscal year 2016-17

\$50,000 HVR and 8 additional cameras for DeLand Courthouse

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	540,000	50,000	0	0	0	590,000	590,000
Total Revenues:	0	540,000	50,000	0	0	0	590,000	590,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	540,000	50,000	0	0	0	590,000	590,000
Total Expenditures:	0	540,000	50,000	0	0	0	590,000	590,000

COUNTY OF VOLUSIA**Court Records/Central Services Warehouse**

Department: Business Services

Location: DeLand

CIP Category: General Government

Account Number: 001-930-9999

Description/Justification for Capital and Operating

Current record storage for the court records and Central Services Division is in three buildings dating back to 1950, 1960, and 1970. The buildings are on prime property at the intersection of Clyde Morris Boulevard and Bellevue Avenue in Daytona Beach. Building new storage facilities at a new location would allow repurposing of the current site to the highest and best use. New facilities could be integrated with other warehouse projects and provide integrated security, building automation and climate controls for the court records, and non-air conditioned space for Central Services. This project is part of the core services infrastructure plan presented to Council on May 21, 2015. A loan would need to be secured to commence construction. The debt service plan presented on November 5, 2015, included a projection of obtaining 10-year financing for the \$3,400,000 project cost, with annual estimated debt service of \$400,000.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
To Be Determined	0	0	0	0	3,400,000	0	3,400,000	3,400,000
Total Revenues:	0	0	0	0	3,400,000	0	3,400,000	3,400,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	0	0	0	3,060,000	0	3,060,000	3,060,000
Design	0	0	0	0	340,000	0	340,000	340,000
Total Expenditures:	0	0	0	0	3,400,000	0	3,400,000	3,400,000

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 end-of-life. The floor is over 30 years old in sections and in some sections has been patched with used tiles from other sources to extend the life. 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 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	0	80,000	0	0	0	80,000	80,000
Total Revenues:	0	0	80,000	0	0	0	80,000	80,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	0	80,000	0	0	0	80,000	80,000
Total Expenditures:	0	0	80,000	0	0	0	80,000	80,000

COUNTY OF VOLUSIA

Facilities - Ag Center Roof & HVAC Replacement

Department: Business Services

Location:

CIP Category: General Government

Account Number: 001-870-4200

Description/Justification for Capital and Operating

Replacement of the current roof and HVAC system at the Ag Center.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General 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 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	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
Facilities - Building Demolition

Department: Business Services

Location: Various

CIP Category: General Government

Account Number: 001-870-4200

Description/Justification for Capital and Operating

Demolition of buildings that are deteriorating and not suitable for renovation.

Fiscal year 2016-17

\$100,000 Elections, Florida Ave., DeLand

Fiscal year 2017-18

\$300,000 Old Jail, New York Ave., DeLand

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	0	100,000	300,000	0	0	400,000	400,000
Total Revenues:	0	0	100,000	300,000	0	0	400,000	400,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	0	100,000	300,000	0	0	400,000	400,000
Total Expenditures:	0	0	100,000	300,000	0	0	400,000	400,000

COUNTY OF VOLUSIA**Facilities - Building Envelope Sealing**

Department: Business Services

Location: Countywide

CIP Category: General Government

Account Number: 001-870-4200

Description/Justification for Capital and Operating

Exterior repair, renovation and seal to preserve building integrity.

Fiscal year 2015-16

\$250,000 Historic Courthouse Building Envelope Sealing (Phase 3)

Fiscal year 2016-17

\$250,000 Historic Courthouse Building Envelope Sealing (Phase 4)

\$250,000 Thomas C. Kelly (TCK) Building Envelope Sealing Phase 1

\$200,000 TCK Building Envelope Sealing Phase 2

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	250,000	700,000	0	0	0	950,000	950,000
Total Revenues:	0	250,000	700,000	0	0	0	950,000	950,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	250,000	700,000	0	0	0	950,000	950,000
Total Expenditures:	0	250,000	700,000	0	0	0	950,000	950,000

COUNTY OF VOLUSIA

Facilities - Carpet Replacement

Department: Business Services

Location: Countywide

CIP Category: General Government

Account Number: 001-870-4200

Description/Justification for Capital and Operating

Replacement of carpet at various county facilities.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	100,000	225,000	250,000	100,000	225,000	900,000	900,000
Total Revenues:	0	100,000	225,000	250,000	100,000	225,000	900,000	900,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	100,000	225,000	250,000	100,000	225,000	900,000	900,000
Total Expenditures:	0	100,000	225,000	250,000	100,000	225,000	900,000	900,000

COUNTY OF VOLUSIA

Facilities - Halifax Historical Museum Roof

Department: Business Services

Location: Beach Street, Daytona Beach

CIP Category: General Government

Account Number: 001-870-4200

Description/Justification for Capital and Operating

Replacement of the roof at the Halifax Historical Museum.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	0	0	0	0	150,000	150,000	150,000
Total Revenues:	0	0	0	0	0	150,000	150,000	150,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	0	0	0	0	150,000	150,000	150,000
Total Expenditures:	0	0	0	0	0	150,000	150,000	150,000

COUNTY OF VOLUSIA

Facilities - Historic Courthouse Audio-Video System

Department: Business Services

Location: Historic Courthouse, DeLand

CIP Category: General Government

Account Number: 001-870-4200

Description/Justification for Capital and Operating

Install an audio-video system in the Historic Courthouse.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General 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 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	100,000	0	0	0	0	100,000	100,000
Total Expenditures:	0	100,000	0	0	0	0	100,000	100,000

COUNTY OF VOLUSIA
Facilities - HVAC Projects

Department: Business Services

Location: Countywide

CIP Category: General Government

Account Number: 001-870-4200

Description/Justification for Capital and Operating

Replacement schedule for Heating, Ventilation and Air Conditioning (HVAC) for County facilities:

Fiscal year 2015-16

\$30,000 Historic Courthouse

\$50,000 Sheriff's Training - Engineering

Fiscal year 2016-17

\$200,000 Sheriff's Training Facility

\$ 50,000 Thomas C. Kelly Building (TCK) Demand Control Ventilation

Fiscal year 2017-18

\$60,000 DeLand Information Technologies Building

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	80,000	250,000	60,000	0	0	390,000	390,000
Total Revenues:	0	80,000	250,000	60,000	0	0	390,000	390,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	80,000	250,000	60,000	0	0	390,000	390,000
Total Expenditures:	0	80,000	250,000	60,000	0	0	390,000	390,000

COUNTY OF VOLUSIA
Facilities - Plumbing Projects

Department: Business Services

Location: Countywide

CIP Category: General Government

Account Number: 001-870-4200

Description/Justification for Capital and Operating

Renovation, upgrades and repairs to plumbing systems at county buildings.

Fiscal year 2016-17

\$50,000 Thomas C. Kelly Building pipe replacement

\$75,000 Thomas C. Kelly Building fountain repair

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	0	125,000	0	0	0	125,000	125,000
Total Revenues:	0	0	125,000	0	0	0	125,000	125,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	0	125,000	0	0	0	125,000	125,000
Total Expenditures:	0	0	125,000	0	0	0	125,000	125,000

COUNTY OF VOLUSIA
Facilities - Roof Projects

Department: Business Services

Location: Countywide

CIP Category: General Government

Account Number: 001-870-4200

Description/Justification for Capital and Operating

Replacement schedule for County facilities:

Fiscal year 2015-16
\$ 70,000 IT/Microcomputer Roof
\$100,000 Sheriff IT Roof

Fiscal year 2018-19
\$200,000 Keech Street Roofs (Head Start and Health Dept)

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	170,000	0	0	200,000	0	370,000	370,000
Total Revenues:	0	170,000	0	0	200,000	0	370,000	370,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	170,000	0	0	200,000	0	370,000	370,000
Total Expenditures:	0	170,000	0	0	200,000	0	370,000	370,000

COUNTY OF VOLUSIA**Facilities - Thomas C. Kelly Building 2nd Floor Renovation**

Department: Business Services

Location: Indiana Avenue - DeLand

CIP Category: General Government

Account Number: 001-870-4200

Description/Justification for Capital and Operating

This capital improvement project is for engineering, renovations & new equipment for the Council Chambers on the second floor of the Thomas C. Kelly Building.

Project Reference

None

OPERATING IMPACT:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Capital Outlay	0	94,770	0	0	0	0	94,770	94,770
Total Operating Impact:	0	94,770	0	0	0	0	94,770	94,770

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	411,230	0	0	0	0	411,230	411,230
Total Revenues:	0	411,230	0	0	0	0	411,230	411,230

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	377,970	0	0	0	0	377,970	377,970
Engineering	0	33,260	0	0	0	0	33,260	33,260
Total Expenditures:	0	411,230	0	0	0	0	411,230	411,230

COUNTY OF VOLUSIA

Facilities - Thomas C. Kelly Building Elevator Repairs and Controllers Upgrade

Department: Business Services

Location: Indiana Avenue - DeLand

CIP Category: General Government

Account Number: 001-870-4200

Description/Justification for Capital and Operating

Elevator Repairs and Controllers Upgrade for the Thomas C. Kelly Building.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	0	250,000	0	0	0	250,000	250,000
Total Revenues:	0	0	250,000	0	0	0	250,000	250,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	0	250,000	0	0	0	250,000	250,000
Total Expenditures:	0	0	250,000	0	0	0	250,000	250,000

COUNTY OF VOLUSIA

Facilities - Thomas C. Kelly Building Fire Alarm

Department: Business Services

Location: Indiana Avenue, DeLand

CIP Category: General Government

Account Number: 001-870-4200

Description/Justification for Capital and Operating

Upgrades to the Thomas C. Kelly Building Fire Alarm System.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	600,000	0	0	0	0	600,000	600,000
Total Revenues:	0	600,000	0	0	0	0	600,000	600,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	600,000	0	0	0	0	600,000	600,000
Total Expenditures:	0	600,000	0	0	0	0	600,000	600,000

COUNTY OF VOLUSIA

Facilities - Thomas C. Kelly Building Modular Furniture Replacement

Department: Business Services

Location: Indiana Avenue - DeLand

CIP Category: General Government

Account Number: 001-870-4200

Description/Justification for Capital and Operating

Multi-year project to replace the existing modular furniture in the DeLand Thomas C. Kelly Building. Existing modular furniture is not able to accommodate the technological needs for computer networking and electrical supply. Replacement furnishings will upgrade the capabilities to meet current standards.

Project Reference

None

REVENUE SOURCE:

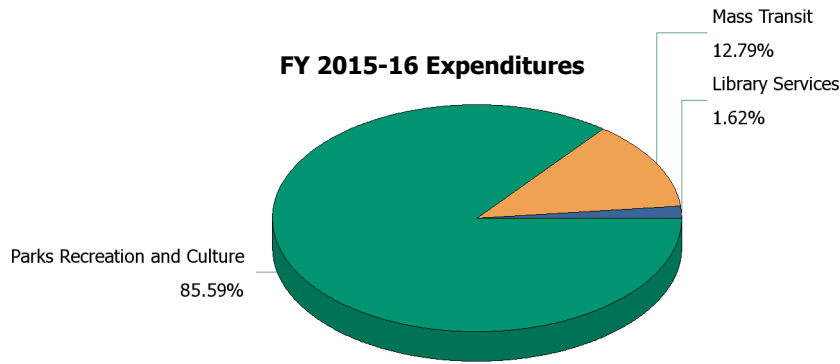
Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	350,000	250,000	500,000	0	0	1,100,000	1,100,000
Total Revenues:	0	350,000	250,000	500,000	0	0	1,100,000	1,100,000

CAPITAL IMPROVEMENT EXPENDITURE:

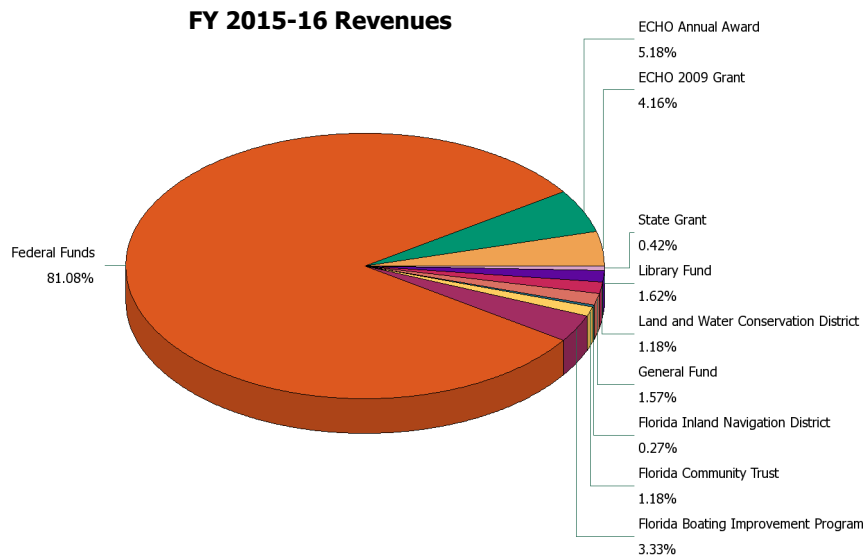
Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	350,000	250,000	500,000	0	0	1,100,000	1,100,000
Total Expenditures:	0	350,000	250,000	500,000	0	0	1,100,000	1,100,000

COUNTY OF VOLUSIA

Community Services



Division	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total
Library Services	0	405,000	305,000	300,000	350,000	100,000	1,460,000
Mass Transit	11,528,025	3,196,610	8,353,727	924,750	3,400,000	6,800,750	34,203,862
Parks Recreation and Culture	23,381,132	21,395,932	6,607,201	1,250,000	1,250,000	1,250,000	55,134,265
Total Expenditures	34,909,157	24,997,542	15,265,928	2,474,750	5,000,000	8,150,750	90,798,127



Revenue Source	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total
Bond Proceeds	6,460,000	0	0	0	0	0	6,460,000
ECHO 2009 Grant	1,528,816	1,039,260	0	0	0	0	2,568,076
ECHO Annual Award	6,809,299	1,295,583	5,190,701	1,000,000	1,000,000	1,000,000	16,295,583
Federal Funds	19,809,784	20,267,427	8,353,727	924,750	3,400,000	6,800,750	59,556,438
Florida Boating Improvement Progra	35,700	833,083	462,250	0	0	0	1,331,033
Florida Community Trust	0	295,582	0	0	0	0	295,582
Florida Inland Navigation District	15,000	67,500	62,250	0	0	0	144,750
General Fund	0	393,525	312,000	250,000	250,000	250,000	1,455,525
Grants	0	0	180,000	0	0	0	180,000
Land and Water Conservation Distric	0	295,582	0	0	0	0	295,582
Library Fund	0	405,000	305,000	300,000	350,000	100,000	1,460,000
Parks Impact Fees County	250,558	0	0	0	0	0	250,558
State Grant	0	105,000	0	0	0	0	105,000
Volusia ECHO	0	0	400,000	0	0	0	400,000
Total Revenues	34,909,157	24,997,542	15,265,928	2,474,750	5,000,000	8,150,750	90,798,127

— This page intentionally blank —



COUNTY OF VOLUSIA

Community Services - Library Services

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
Library Flooring Projects	0	25,000	65,000	150,000	250,000	0	490,000
Library Paving Parking Lot	0	0	0	50,000	0	0	50,000
Library Renovation Projects	0	100,000	100,000	100,000	100,000	100,000	500,000
Library Roof Projects	0	220,000	140,000	0	0	0	360,000
Library Storefront Project	0	60,000	0	0	0	0	60,000
TOTAL EXPENDITURES	0	405,000	305,000	300,000	350,000	100,000	1,460,000

REVENUE SOURCE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
Library Fund	0	405,000	305,000	300,000	350,000	100,000	1,460,000
TOTAL REVENUES	0	405,000	305,000	300,000	350,000	100,000	1,460,000

— This page intentionally blank —



COUNTY OF VOLUSIA

Library Flooring Projects

Department: Community Services

Location:

CIP Category: Library Services

Account Number: 104-640-1500

Description/Justification for Capital and Operating

Replacement for Countywide library flooring. Fiscal year 2015-16 project for Oak Hill. Fiscal year 2016-17 plan to replace flooring at Daytona Beach Children's, and Edgewater. Fiscal year 2017-18 plan is for Ormond Beach. Fiscal year 2018-19 plan is for the Deltona Regional Library.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Library Fund	0	25,000	65,000	150,000	250,000	0	490,000	490,000
Total Revenues:	0	25,000	65,000	150,000	250,000	0	490,000	490,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	25,000	65,000	150,000	250,000	0	490,000	490,000
Total Expenditures:	0	25,000	65,000	150,000	250,000	0	490,000	490,000

COUNTY OF VOLUSIA
Library Paving Parking Lot

Department: Community Services

Location:

CIP Category: Library Services

Account Number: 104-640-1500

Description/Justification for Capital and Operating

Repair and pave parking lot. Fiscal year 2017-18 plan for Lake Helen and Oak Hill.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Library Fund	0	0	0	50,000	0	0	50,000	50,000
Total Revenues:	0	0	0	50,000	0	0	50,000	50,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	0	0	50,000	0	0	50,000	50,000
Total Expenditures:	0	0	0	50,000	0	0	50,000	50,000

COUNTY OF VOLUSIA
Library Renovation Projects

Department: Community Services

Location:

CIP Category: Library Services

Account Number: 104-640-1500

Description/Justification for Capital and Operating

Repair and replacement for Countywide library renovations. Each fiscal year Library Services and Central Services Facilities evaluate the library branches and the Library Support Center buildings to prioritize projects for HVAC and other types of renovations.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Library Fund	0	100,000	100,000	100,000	100,000	100,000	500,000	500,000
Total Revenues:	0	100,000	100,000	100,000	100,000	100,000	500,000	500,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	100,000	100,000	100,000	100,000	100,000	500,000	500,000
Total Expenditures:	0	100,000	100,000	100,000	100,000	100,000	500,000	500,000

COUNTY OF VOLUSIA

Library Roof Projects

Department: Community Services

Location:

CIP Category: Library Services

Account Number: 104-640-1500

Description/Justification for Capital and Operating

Repair and replacement for Countywide library roofs. Fiscal year 2015-16 plan is for Lake Helen and Dickerson; fiscal year 2016-17 plan is for Edgewater.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Library Fund	0	220,000	140,000	0	0	0	360,000	360,000
Total Revenues:	0	220,000	140,000	0	0	0	360,000	360,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	220,000	140,000	0	0	0	360,000	360,000
Total Expenditures:	0	220,000	140,000	0	0	0	360,000	360,000

COUNTY OF VOLUSIA
Library Storefront Project

Department: Community Services

Location:

CIP Category: Library Services

Account Number: 104-640-1500

Description/Justification for Capital and Operating

Fiscal year 2015-16 project to renovate the storefront and the Lyonia Environmental Center entrance at the Deltona Regional Library.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Library Fund	0	60,000	0	0	0	0	60,000	60,000
Total Revenues:	0	60,000	0	0	0	0	60,000	60,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	60,000	0	0	0	0	60,000	60,000
Total Expenditures:	0	60,000	0	0	0	0	60,000	60,000

— This page intentionally blank —



COUNTY OF VOLUSIA

Community Services - Mass Transit

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
Passenger Amenities	662,649	450,000	450,000	350,000	550,000	550,000	3,012,649
Vehicle Purchases	10,865,376	2,746,610	7,903,727	574,750	2,850,000	6,250,750	31,191,213
TOTAL EXPENDITURES	11,528,025	3,196,610	8,353,727	924,750	3,400,000	6,800,750	34,203,862

REVENUE SOURCE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
Federal Funds	11,528,025	3,196,610	8,353,727	924,750	3,400,000	6,800,750	34,203,862
TOTAL REVENUES	11,528,025	3,196,610	8,353,727	924,750	3,400,000	6,800,750	34,203,862

— This page intentionally blank —



COUNTY OF VOLUSIA

Passenger Amenities

Department: Community Services

Location: 950 Big Tree Rd, Daytona Beach, FL

CIP Category: Mass Transit

Account Number: 456-670-5100

Description/Justification for Capital and Operating

Bus shelters, bus stop signs and pole, landing pads, curb cuts and other aids to customers, these are all part of the customer amenities program for Votran ridership.

Project Reference

Federal transit grants require 1% of the annual award be set aside for passenger amenities. Any amount not expended in the year awarded is carried forward. Additional monies from the federal grants are used to address ADA issues as needed.

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Federal Funds	662,649	450,000	450,000	350,000	550,000	550,000	2,350,000	3,012,649
Total Revenues:	662,649	450,000	450,000	350,000	550,000	550,000	2,350,000	3,012,649

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	662,649	450,000	450,000	350,000	550,000	550,000	2,350,000	3,012,649
Total Expenditures:	662,649	450,000	450,000	350,000	550,000	550,000	2,350,000	3,012,649

COUNTY OF VOLUSIA

Vehicle Purchases

Department: Community Services

Location: 950 Big Tree Rd, Daytona Beach, FL

CIP Category: Mass Transit

Account Number: 456-670-6200

Description/Justification for Capital and Operating

These vehicles are for replacement of our aging fleet along with vehicles for additional service as funding becomes available. These vehicles are fixed route, paratransit and service vehicles.

Project Reference

Fiscal year 2015-16 Federal Transit Administration capital grants include \$7,903,727 for vehicle purchases. Prior year grant balances from 2012 and 2014 federal awards for vehicle purchases total \$2,746,610. Five year plan includes current awards plus anticipated future federal funding for mass transit.

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Federal Funds	10,865,376	2,746,610	7,903,727	574,750	2,850,000	6,250,750	20,325,837	31,191,213
Total Revenues:	10,865,376	2,746,610	7,903,727	574,750	2,850,000	6,250,750	20,325,837	31,191,213

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Automotive Equipment	10,865,376	2,746,610	7,903,727	574,750	2,850,000	6,250,750	20,325,837	31,191,213
Total Expenditures:	10,865,376	2,746,610	7,903,727	574,750	2,850,000	6,250,750	20,325,837	31,191,213

COUNTY OF VOLUSIA

Community Services - Parks Recreation and Culture

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
Bicentennial Park Playground Shade Cover	0	75,000	0	0	0	0	75,000
Chuck Lennon Scoreboards	0	12,000	0	0	0	0	12,000
Cypress Lake Park Playground	0	66,000	0	0	0	0	66,000
Gemini Springs Park Large Pavilion	0	104,800	0	0	0	0	104,800
Hickory Bluff Kayak Launch	0	17,000	0	0	0	0	17,000
Highbridge Park Improvements	50,700	220,000	180,000	0	0	0	450,700
Lemon Bluff Park Expansion	0	1,287,330	0	0	0	0	1,287,330
Osteen Civic Center Replace Floor	0	22,125	0	0	0	0	22,125
Park Repair & Renovation	0	0	312,000	250,000	250,000	250,000	1,062,000
Shell Boat Ramp for Access to Blue Lake	0	250,000	0	0	0	0	250,000
Shell Harbor	0	135,000	924,500	0	0	0	1,059,500
Strickland Shooting Range Firing Line Renovation	0	96,600	0	0	0	0	96,600
Trails Program	23,330,432	19,110,077	5,190,701	1,000,000	1,000,000	1,000,000	50,631,210
TOTAL EXPENDITURES	23,381,132	21,395,932	6,607,201	1,250,000	1,250,000	1,250,000	55,134,265

REVENUE SOURCE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
Bond Proceeds	6,460,000	0	0	0	0	0	6,460,000
ECHO 2009 Grant	1,528,816	1,039,260	0	0	0	0	2,568,076
ECHO Annual Award	6,809,299	1,295,583	5,190,701	1,000,000	1,000,000	1,000,000	16,295,583
Federal Funds	8,281,759	17,070,817	0	0	0	0	25,352,576
Florida Boating Improvement Program	35,700	833,083	462,250	0	0	0	1,331,033
Florida Community Trust	0	295,582	0	0	0	0	295,582
Florida Inland Navigation District	15,000	67,500	62,250	0	0	0	144,750
General Fund	0	393,525	312,000	250,000	250,000	250,000	1,455,525
Grants	0	0	180,000	0	0	0	180,000
Land and Water Conservation District	0	295,582	0	0	0	0	295,582
Parks Impact Fees County	250,558	0	0	0	0	0	250,558
State Grant	0	105,000	0	0	0	0	105,000
Volusia ECHO	0	0	400,000	0	0	0	400,000
TOTAL REVENUES	23,381,132	21,395,932	6,607,201	1,250,000	1,250,000	1,250,000	55,134,265

— This page intentionally blank —



COUNTY OF VOLUSIA

Bicentennial Park Playground Shade Cover

Department: Community Services

Location: Bicentennial Park

CIP Category: Parks Recreation and Culture

Account Number: 001-680-1020

Description/Justification for Capital and Operating

Shade Cover for Bicentennial Park Playground, currently no cover and this park playground is a high use area.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	75,000	0	0	0	0	75,000	75,000
Total Revenues:	0	75,000	0	0	0	0	75,000	75,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	75,000	0	0	0	0	75,000	75,000
Total Expenditures:	0	75,000	0	0	0	0	75,000	75,000

COUNTY OF VOLUSIA
Chuck Lennon Scoreboards

Department: Community Services

Location: Chuck Lennon Park

CIP Category: Parks Recreation and Culture

Account Number: 001-680-2000

Description/Justification for Capital and Operating

Scoreboards replacement for Chuck Lennon Park, existing are beyond useful life and inoperable.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	12,000	0	0	0	0	12,000	12,000
Total Revenues:	0	12,000	0	0	0	0	12,000	12,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	12,000	0	0	0	0	12,000	12,000
Total Expenditures:	0	12,000	0	0	0	0	12,000	12,000

COUNTY OF VOLUSIA
Cypress Lake Park Playground

Department: Community Services

Location: Cypress Lake Park

CIP Category: Parks Recreation and Culture

Account Number: 001-680-1020

Description/Justification for Capital and Operating

Cypress Lake Park Playground, replace old playground which is beyond its useful life and does not meet current safety standards and the current safety surface is inadequate. Project estimate is \$45,000 for the safety surface and \$21,000 to install a new playground.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	66,000	0	0	0	0	66,000	66,000
Total Revenues:	0	66,000	0	0	0	0	66,000	66,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	66,000	0	0	0	0	66,000	66,000
Total Expenditures:	0	66,000	0	0	0	0	66,000	66,000

COUNTY OF VOLUSIA
Gemini Springs Park Large Pavilion

Department: Community Services

Location: Gemini Springs Park

CIP Category: Parks Recreation and Culture

Account Number: 001-680-1020

Description/Justification for Capital and Operating

Replacement of large pavilion at Gemini Springs Park, existing pavilion needs a new roof. The frame structure also needs replacement.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	104,800	0	0	0	0	104,800	104,800
Total Revenues:	0	104,800	0	0	0	0	104,800	104,800

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	104,800	0	0	0	0	104,800	104,800
Total Expenditures:	0	104,800	0	0	0	0	104,800	104,800

COUNTY OF VOLUSIA
Hickory Bluff Kayak Launch

Department: Community Services

Location: Hickory Bluff Preserve

CIP Category: Parks Recreation and Culture

Account Number: 001-680-2300

Description/Justification for Capital and Operating

Hickory Bluff Kayak Launch, no existing launch and is a very popular boating area that will serve a large number of recreational boaters while giving additional access to the preserve.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	17,000	0	0	0	0	17,000	17,000
Total Revenues:	0	17,000	0	0	0	0	17,000	17,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	17,000	0	0	0	0	17,000	17,000
Total Expenditures:	0	17,000	0	0	0	0	17,000	17,000

COUNTY OF VOLUSIA
Highbridge Park Improvements

Department: Community Services

Location: Ormond Beach

CIP Category: Parks Recreation and Culture

Account Number: 754-680-9011

Description/Justification for Capital and Operating

Improvements to the one-acre park that provides access to the Halifax River in extreme northeastern Volusia County. Planned improvements include ADA accessible restrooms, paving entrance and parking areas, addition of a canoe/kayak launch and improvements to the water system. The project design was partially funded with a grant of \$15,000 from the Florida Inland Navigation District (FIND) with the balance of \$35,700 from Florida Boating Improvement Program (FBIP) revenues. The remainder of the project costs, excluding the ADA restrooms, are funded with FBIP revenues at \$220,000. The County is seeking grant funding for construction of the restrooms, project estimated at \$180,000.

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 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Florida Boating Improvement Program	35,700	220,000	0	0	0	0	220,000	255,700
Florida Inland Navigation District	15,000	0	0	0	0	0	0	15,000
Grants	0	0	180,000	0	0	0	180,000	180,000
Total Revenues:	50,700	220,000	180,000	0	0	0	400,000	450,700

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	0	180,000	0	0	0	180,000	180,000
Design	50,700	0	0	0	0	0	0	50,700
Improvements Other Than Buildings	0	220,000	0	0	0	0	220,000	220,000
Total Expenditures:	50,700	220,000	180,000	0	0	0	400,000	450,700

COUNTY OF VOLUSIA
Lemon Bluff Park Expansion

Department: Community Services

Location: 907 Lemon Bluff Road, Osteen

CIP Category: Parks Recreation and Culture

Account Number: 326-930-6611

Description/Justification for Capital and Operating

This project is a proposed expansion of the current boat ramp and parking area. The expansion will allow for more paved parking spaces, restrooms for users, and an improved seawall with docking opportunities. A pavilion will also be added for users to take advantage of. 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

This expansion relates to the other projects within the division by offering an improved outdoor recreation opportunity for residents and visitors. Currently, most parks maintained by Volusia County offer restrooms for public use, as well as pavilions for picnic and other outdoor activities.

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
ECHO Annual Award	0	295,583	0	0	0	0	295,583	295,583
Florida Boating Improvement Program	0	295,583	0	0	0	0	295,583	295,583
Florida Community Trust	0	295,582	0	0	0	0	295,582	295,582
Land and Water Conservation District	0	295,582	0	0	0	0	295,582	295,582
State Grant	0	105,000	0	0	0	0	105,000	105,000
Total Revenues:	0	1,287,330	0	0	0	0	1,287,330	1,287,330

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Other	0	1,170,300	0	0	0	0	1,170,300	1,170,300
Design	0	117,030	0	0	0	0	117,030	117,030
Total Expenditures:	0	1,287,330	0	0	0	0	1,287,330	1,287,330

COUNTY OF VOLUSIA
Osteen Civic Center Replace Floor

Department: Community Services

Location: Osteen Civic Center

CIP Category: Parks Recreation and Culture

Account Number: 001-680-1020

Description/Justification for Capital and Operating

Osteen Civic Center floor replacement, existing floor is in bad condition, one of the few remaining elements that has not been renovated.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	22,125	0	0	0	0	22,125	22,125
Total Revenues:	0	22,125	0	0	0	0	22,125	22,125

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	22,125	0	0	0	0	22,125	22,125
Total Expenditures:	0	22,125	0	0	0	0	22,125	22,125

COUNTY OF VOLUSIA
Park Repair & Renovation

Department: Community Services

Location: Various

CIP Category: Parks Recreation and Culture

Account Number: 001-680-1020

Description/Justification for Capital and Operating

Park repair and renovation capital projects to maintain safety and quality of park facilities and amenities. Projects include pavilions, restrooms, fishing and boating facilities, roofs, building interiors and exteriors, playgrounds, ball fields and amenities, access roads, parking lots, and other park and recreation amenities. Facilities are evaluated regularly to determine project priorities.

Fiscal year 2016-17 projects:

Highbridge Park, flowable fill at pier	\$20,000
Lake Monroe Park, volleyball court, playground, safety surface	\$75,000
Mariners Cove Park, pave interior road	\$200,000
Spruce Creek Preserve, kayak launch	\$17,000

Fiscal year 2017-18 through 2019-20 projects will be evaluated and prioritized annually to maintain safety and accessibility of park amenities countywide.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	0	312,000	250,000	250,000	250,000	1,062,000	1,062,000
Total Revenues:	0	0	312,000	250,000	250,000	250,000	1,062,000	1,062,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	312,000	250,000	250,000	250,000	1,062,000	1,062,000
Total Expenditures:	0	0	312,000	250,000	250,000	250,000	1,062,000	1,062,000

COUNTY OF VOLUSIA**Shell Boat Ramp for Access to Blue Lake**

Department: Community Services

Location: Zone 3 Southwest Quad

CIP Category: Parks Recreation and Culture

Account Number: 326-930-6611

Description/Justification for Capital and Operating

This is currently a shell boat ramp for access to Blue Lake in DeLand. During the rainy season this ramp continuously washes out and requires earth work to shore up the ramp for continued use. During this time the ramp remains closed. The project was designed to pave this ramp which will minimize earthwork and keep the ramp open on a more regular basis.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Florida Boating Improvement Program	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 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Other	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

Shell Harbor

Department: Community Services

Location: Shell Harbor

CIP Category: Parks Recreation and Culture

Account Number: 326-930-6611

Description/Justification for Capital and Operating

Volusia County recently received the Shell Harbor property for the proposed park through a donation from two private individuals. Currently, the site has an outdated boat ramp that is extremely difficult to access and there are no amenities. However, thanks to the donation of the land, Volusia County now has a chance to create a beautiful 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 northeast 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. Additional funding assistance will be sought from FIND and the Volusia ECHO grant program for construction of the park project.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Florida Boating Improvement Program	0	67,500	462,250	0	0	0	529,750	529,750
Florida Inland Navigation District	0	67,500	62,250	0	0	0	129,750	129,750
Volusia ECHO	0	0	400,000	0	0	0	400,000	400,000
Total Revenues:	0	135,000	924,500	0	0	0	1,059,500	1,059,500

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	0	135,000	924,500	0	0	0	1,059,500	1,059,500
Total Expenditures:	0	135,000	924,500	0	0	0	1,059,500	1,059,500

COUNTY OF VOLUSIA**Strickland Shooting Range Firing Line Renovation**

Department: Community Services

Location: Strickland Shooting Range

CIP Category: Parks Recreation and Culture

Account Number: 001-680-1020

Description/Justification for Capital and Operating

Strickland Shooting Range firing line renovation, operations of firing line during moderate and heavy use periods cause safety issues due to limited space, widening the lane and roof line will enable staff to safely operate the firing lanes and keep patrons safe.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	96,600	0	0	0	0	96,600	96,600
Total Revenues:	0	96,600	0	0	0	0	96,600	96,600

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	96,600	0	0	0	0	96,600	96,600
Total Expenditures:	0	96,600	0	0	0	0	96,600	96,600

COUNTY OF VOLUSIA

Trails Program

Department: Community Services

Location:

CIP Category: Parks Recreation and Culture

Account Number: 328-930-6663

Description/Justification for Capital and Operating

Of the proposed 280 miles of Showcase Multi-Use Trails identified in the Volusia Trails Plan, Volusia County is currently developing two major trail systems: the Spring-to-Spring Trail in western Volusia County, which will one day traverse 26 miles from Gemini Springs Park to Deleon Springs State Park; and the 50+ mile East Central Regional Rail Trail (ECRRT) in south Volusia County. Showcase Multi-Use Trails are designed to be two-way, 12 foot wide paved trails separated from roads.

Upcoming projects for fiscal year 2015-16 include construction of Spring to Spring segments: French Av to Detroit Terrace, Detroit Terrace to US 17-92, Mansion Drive to Deltona Boulevard, and Lemon Street to King Street. ECRRT trail segments are Cow Creek to Brevard County Line, Cow Creek to Dale Street, Guise Road to Gobbler's Lodge Road, and Gobbler's Lodge Road to Maytown Spur.

Project Reference

The County Council designated \$1 million in Volusia ECHO funds, annually, for trails. In addition the program has been supported by Volusia ECHO Program grants and by federal Local Agency Program (LAP) grants.

ECHO 2009 grant award for \$439,260 for ECRRT segments

ECHO 2009 grant award for \$600,000 for Spring-to-Spring segments

LAP grant AQO85 \$2,160,000 SR415 Pedestrian Overpass

LAP grant AQO86 \$2,160,000 SR442 Pedestrian Overpass

LAP grant AR524 \$2,211,571 Cow Creek to Dale

LAP grant ARB61 Guise Road to Gobblers Lodge Road \$439,767

LAP grant ARU60 Gobblers Lodge Road to Maytown Spur \$6,531,746

LAP grant ARU61 Brevard County Line to Cow Creek \$7,465,283

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Bond Proceeds	6,460,000	0	0	0	0	0	0	6,460,000
ECHO 2009 Grant	1,528,816	1,039,260	0	0	0	0	1,039,260	2,568,076
ECHO Annual Award	6,809,299	1,000,000	5,190,701	1,000,000	1,000,000	1,000,000	9,190,701	16,000,000
Federal Funds	8,281,759	17,070,817	0	0	0	0	17,070,817	25,352,576
Parks Impact Fees County	250,558	0	0	0	0	0	0	250,558
Total Revenues:	23,330,432	19,110,077	5,190,701	1,000,000	1,000,000	1,000,000	27,300,778	50,631,210

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	18,928,715	18,605,156	4,685,509	494,930	495,445	495,367	24,776,407	43,705,122
Trans to Debt Svc	4,401,717	504,921	505,192	505,070	504,555	504,633	2,524,371	6,926,088
Total Expenditures:	23,330,432	19,110,077	5,190,701	1,000,000	1,000,000	1,000,000	27,300,778	50,631,210

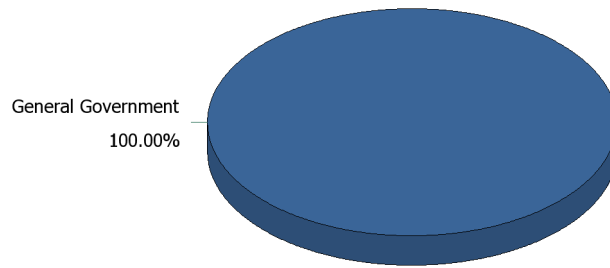
— This page intentionally blank —



COUNTY OF VOLUSIA

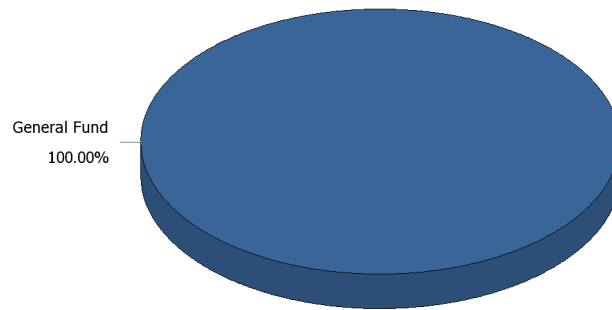
Elections

FY 2015-16 Expenditures



Division	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total
General Government	0	2,800,000	0	0	3,100,000	0	5,900,000
Total Expenditures	0	2,800,000	0	0	3,100,000	0	5,900,000

FY 2015-16 Revenues



Revenue Source	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total
General Fund	0	2,800,000	0	0	0	0	2,800,000
To Be Determined	0	0	0	0	3,100,000	0	3,100,000
Total Revenues	0	2,800,000	0	0	3,100,000	0	5,900,000

— This page intentionally blank —



COUNTY OF VOLUSIA

Elections - General Government

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
Elections Warehouse	0	2,800,000	0	0	3,100,000	0	5,900,000
TOTAL EXPENDITURES	0	2,800,000	0	0	3,100,000	0	5,900,000

REVENUE SOURCE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
General Fund	0	2,800,000	0	0	0	0	2,800,000
To Be Determined	0	0	0	0	3,100,000	0	3,100,000
TOTAL REVENUES	0	2,800,000	0	0	3,100,000	0	5,900,000

— This page intentionally blank —



COUNTY OF VOLUSIA

Elections Warehouse

Department: Elections

Location:

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. The fiscal year 2015-16 budget includes an interfund transfer of \$2.8 million from General Fund to begin design and engineering services. The total estimated project cost is \$5.9 million. A loan would need to be secured to commence construction. The debt service plan presented on November 5, 2015, included a projection of obtaining 10-year financing for the \$3,100,000 balance of the project cost, with annual estimated debt service of \$350,000.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	2,800,000	0	0	0	0	2,800,000	2,800,000
To Be Determined	0	0	0	0	3,100,000	0	3,100,000	3,100,000
Total Revenues:	0	2,800,000	0	0	3,100,000	0	5,900,000	5,900,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	2,210,000	0	0	3,100,000	0	5,310,000	5,310,000
Design	0	590,000	0	0	0	0	590,000	590,000
Total Expenditures:	0	2,800,000	0	0	3,100,000	0	5,900,000	5,900,000

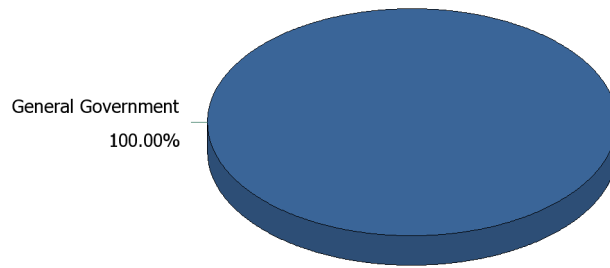
— This page intentionally blank —



COUNTY OF VOLUSIA

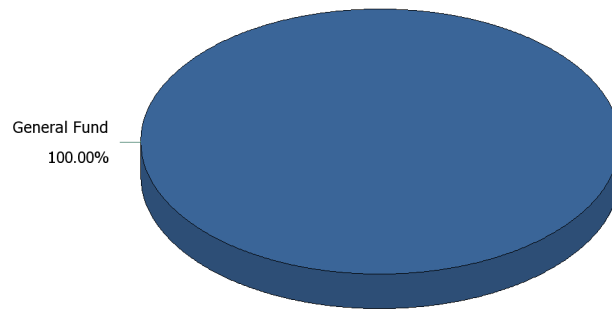
Growth and Resource Management

FY 2015-16 Expenditures



Division	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total
General Government	0	250,000	0	0	5,400,000	0	5,650,000
Total Expenditures	0	250,000	0	0	5,400,000	0	5,650,000

FY 2015-16 Revenues



Revenue Source	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total
General Fund	0	250,000	0	0	0	0	250,000
Grants	0	0	0	0	5,400,000	0	5,400,000
Total Revenues	0	250,000	0	0	5,400,000	0	5,650,000

— This page intentionally blank —



COUNTY OF VOLUSIA

Growth and Resource Management - General Government

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
Marine Science Center Expansion	0	150,000	0	0	5,400,000	0	5,550,000
Marine Science Center Parking Lot Renovations	0	100,000	0	0	0	0	100,000
TOTAL EXPENDITURES	0	250,000	0	0	5,400,000	0	5,650,000

REVENUE SOURCE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
General Fund	0	250,000	0	0	0	0	250,000
Grants	0	0	0	0	5,400,000	0	5,400,000
TOTAL REVENUES	0	250,000	0	0	5,400,000	0	5,650,000

— This page intentionally blank —



COUNTY OF VOLUSIA

Marine Science Center Expansion

Department: Growth and Resource Management

Location:

CIP Category: General Government

Account Number: 001-210-2730

Description/Justification for Capital and Operating

Since opening in June 2002, the Marine Science Center has hosted more than 580,000 visitors, cared for over 17,000 sea turtles and more than 9,000 birds. The great success that the Marine Science Center has enjoyed creates new and different challenges that require attention including staffing, parking, space issues, utilities, and the ability to care for the increase of turtles and birds to the hospitals.

Marine Science Center Expansion will include new classroom space, lecture/public meeting space, visitor orientation and exhibition space, expanded gift shop, and improved medical facilities. The expansion of the exhibit areas to include a sea turtle and shark exhibit will increase annual visitation to over 100,000 based on current trends.

Total estimated project cost is \$5.5 million. Grant opportunities will be sought for funding for this project.

Project Reference

None

OPERATING IMPACT:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Capital Outlay	0	0	0	0	0	52,500	52,500	52,500
Operations/Maintenance	0	0	0	0	0	169,500	169,500	169,500
Personal Costs	0	0	0	0	0	138,500	138,500	138,500
Staff Requirements	0	0	0	0	0	3	3	3
Total Operating Impact:	0	0	0	0	0	360,503	360,503	360,503

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	150,000	0	0	0	0	150,000	150,000
Grants	0	0	0	0	5,400,000	0	5,400,000	5,400,000
Total Revenues:	0	150,000	0	0	5,400,000	0	5,550,000	5,550,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	0	0	0	5,400,000	0	5,400,000	5,400,000
Design	0	150,000	0	0	0	0	150,000	150,000
Total Expenditures:	0	150,000	0	0	5,400,000	0	5,550,000	5,550,000

COUNTY OF VOLUSIA

Marine Science Center Parking Lot Renovations

Department: Growth and Resource Management

Location: 100 Lighthouse Dr Ponce Inlet

CIP Category: General Government

Account Number: 001-210-2730

Description/Justification for Capital and Operating

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

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General 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

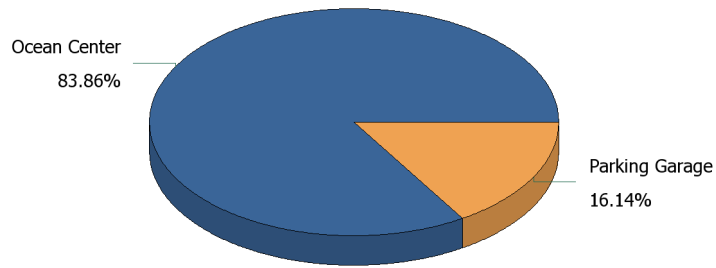
CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	100,000	0	0	0	0	100,000	100,000
Total Expenditures:	0	100,000	0	0	0	0	100,000	100,000

COUNTY OF VOLUSIA

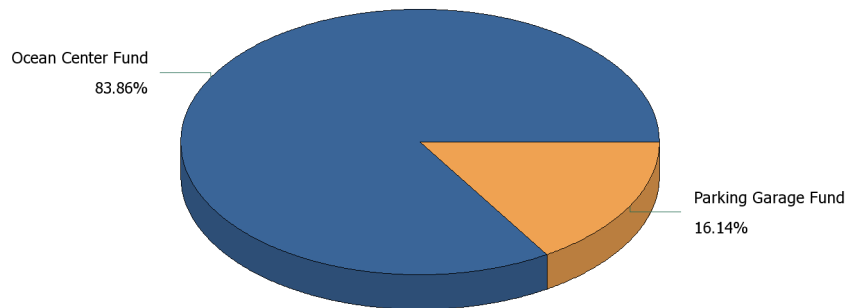
Ocean Center

FY 2015-16 Expenditures



Division	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total
Ocean Center	0	3,189,616	1,461,465	571,082	1,514,266	4,927,924	11,664,353
Parking Garage	0	614,056	456,000	141,000	344,612	6,000	1,561,668
Total Expenditures	0	3,803,672	1,917,465	712,082	1,858,878	4,933,924	13,226,021

FY 2015-16 Revenues



Revenue Source	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total
Ocean Center Fund	1,381,648	3,189,616	1,635,334	1,789,082	1,620,749	2,047,924	11,664,353
Parking Garage Fund	0	614,056	456,000	141,000	344,612	6,000	1,561,668
Total Revenues	1,381,648	3,803,672	2,091,334	1,930,082	1,965,361	2,053,924	13,226,021

— This page intentionally blank —



COUNTY OF VOLUSIA

Ocean Center - Ocean Center

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
Air Handler Replacements	0	1,613,081	660,000	471,082	471,082	471,082	3,686,327
Arena Sports Equipment Refurbishing	0	0	78,000	0	0	0	78,000
Carpet Replacement	0	250,000	0	0	0	1,360,000	1,610,000
Electronic Upgrades	0	142,000	250,000	0	0	84,000	476,000
Lighting Replacement	0	326,535	473,465	100,000	100,000	100,000	1,100,000
Main Marquee Replacement	0	250,000	0	0	754,517	0	1,004,517
Modernization of Arena Elevators	0	58,000	0	0	188,667	11,333	258,000
Ocean Center Building Refurbishment	0	0	0	0	0	651,509	651,509
Ocean Center Roof Replacement	0	550,000	0	0	0	2,250,000	2,800,000
Parking Garage Door Access Control Equipment	0	350,000	0	0	0	0	350,000
Parking Garage Parking Deck Rehab	0	46,000	90,000	90,000	90,000	0	316,000
Parking Garage Renovations	0	95,056	366,000	51,000	254,612	6,000	772,668
Parking Garage Toll Booth Replacement	0	123,000	0	0	0	0	123,000
TOTAL EXPENDITURES	0	3,803,672	1,917,465	712,082	1,858,878	4,933,924	13,226,021

REVENUE SOURCE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
Ocean Center Fund	1,381,648	3,189,616	1,635,334	1,789,082	1,620,749	2,047,924	11,664,353
Parking Garage Fund	0	614,056	456,000	141,000	344,612	6,000	1,561,668
TOTAL REVENUES	1,381,648	3,803,672	2,091,334	1,930,082	1,965,361	2,053,924	13,226,021

— This page intentionally blank —



COUNTY OF VOLUSIA

Air Handler Replacements

Department: Ocean Center

Location: Ocean Center

CIP Category: Ocean Center

Account Number: 318-930-4300

Description/Justification for Capital and Operating

The Ocean Center has a total of 15 air handler units and various other HVAC equipment and controls that will be replaced as they reach the end of their useful life.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Ocean Center Fund	660,000	1,613,081	0	471,082	471,082	471,082	3,026,327	3,686,327
Total Revenues:	660,000	1,613,081	0	471,082	471,082	471,082	3,026,327	3,686,327

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	1,613,081	660,000	471,082	471,082	471,082	3,686,327	3,686,327
Total Expenditures:	0	1,613,081	660,000	471,082	471,082	471,082	3,686,327	3,686,327

COUNTY OF VOLUSIA
Arena Sports Equipment Refurbishing

Department: Ocean Center

Location: Ocean Center

CIP Category: Ocean Center

Account Number: 118-130-1000

Description/Justification for Capital and Operating

Scoreboard Replacement: The scoreboard was installed in 1994, and is no longer supported by the manufacturer. The system driver malfunctions more frequently as time goes on, making us dependent on after-market re-manufacturers to find rebuilt parts. Estimated cost is \$38,000.

Basketball Floor: The basketball floor is 28 years old with numerous broken or cracked sleepers under the floor, chipped corners, and failed finish in several spots. Estimated cost to repair is \$40,000.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Ocean Center Fund	0	0	78,000	0	0	0	78,000	78,000
Total Revenues:	0	0	78,000	0	0	0	78,000	78,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	78,000	0	0	0	78,000	78,000
Total Expenditures:	0	0	78,000	0	0	0	78,000	78,000

COUNTY OF VOLUSIA

Carpet Replacement

Department: Ocean Center

Location: Ocean Center

CIP Category: Ocean Center

Account Number: 318-930-4300

Description/Justification for Capital and Operating

Replacement of carpet in the Ocean Center of approximately 18,000 sq ft.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Ocean Center Fund	100,000	250,000	360,000	360,000	360,000	180,000	1,510,000	1,610,000
Total Revenues:	100,000	250,000	360,000	360,000	360,000	180,000	1,510,000	1,610,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	250,000	0	0	0	1,360,000	1,610,000	1,610,000
Total Expenditures:	0	250,000	0	0	0	1,360,000	1,610,000	1,610,000

COUNTY OF VOLUSIA

Electronic Upgrades

Department: Ocean Center

Location: Ocean Center

CIP Category: Ocean Center

Account Number: 118-130-1000

Description/Justification for Capital and Operating

Additional Security Cameras: When the Ocean Center was expanded in 2009, a new digital security camera system was installed to monitor the exterior doors of the new building. There is a need to also monitor the interior space as well. The first phase is to install 14 cameras at a cost of \$42,000. Cameras installed in 2009 will reach the end of their useful life in fiscal year 2019-20 and will be replaced at a cost of \$84,000.

Arena Sound System Upgrade: During the 2009 expansion, many areas of the original building were remodeled. However, the original sound system from 1985 was not upgraded. The amplifiers are starting to fail, and due to their age, they cannot be repaired. Estimated cost to replace the amplifiers with current technology is \$100,000.

Arena Electrical Floor Boxes: The electrical boxes embedded in the arena floor are 27 years old. They are no longer water tight which allows moisture into them when the floor is scrubbed and has caused them to rust. They are a trip hazard and safety issue. The estimated cost to replace them is \$250,000.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Ocean Center Fund	0	142,000	250,000	0	0	84,000	476,000	476,000
Total Revenues:	0	142,000	250,000	0	0	84,000	476,000	476,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	142,000	250,000	0	0	84,000	476,000	476,000
Total Expenditures:	0	142,000	250,000	0	0	84,000	476,000	476,000

COUNTY OF VOLUSIA
Lighting Replacement

Department: Ocean Center

Location: Ocean Center

CIP Category: Ocean Center

Account Number: 318-930-4300

Description/Justification for Capital and Operating

Conversion of lighting systems in the Ocean Center to LED technology to save energy.

Fiscal Year 2015-16 - Arena lighting upgrade, phase 1 \$326,535

Fiscal Year 2016-17 - Arena lighting upgrade, phase 2 \$473,465

Fiscal Year 2017-18 - Upgrade various other lighting \$100,000

Fiscal Year 2018-19 - Upgrade various other lighting \$100,000

Fiscal Year 2019-20 - Upgrade various other lighting \$100,000

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Ocean Center Fund	384,131	326,535	89,334	100,000	100,000	100,000	715,869	1,100,000
Total Revenues:	384,131	326,535	89,334	100,000	100,000	100,000	715,869	1,100,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	326,535	473,465	100,000	100,000	100,000	1,100,000	1,100,000
Total Expenditures:	0	326,535	473,465	100,000	100,000	100,000	1,100,000	1,100,000

COUNTY OF VOLUSIA
Main Marquee Replacement

Department: Ocean Center

Location: Ocean Center

CIP Category: Ocean Center

Account Number: 318-930-4300

Description/Justification for Capital and Operating

The main Ocean Center marquee along Atlantic Avenue was built in 1985. The monochrome display portion has been replaced several times, the latest in 2007. The marquee needs to be brought up to industry standards.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Ocean Center Fund	129,517	250,000	250,000	250,000	125,000	0	875,000	1,004,517
Total Revenues:	129,517	250,000	250,000	250,000	125,000	0	875,000	1,004,517

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	250,000	0	0	754,517	0	1,004,517	1,004,517
Total Expenditures:	0	250,000	0	0	754,517	0	1,004,517	1,004,517

COUNTY OF VOLUSIA
Modernization of Arena Elevators

Department: Ocean Center

Location: Ocean Center

CIP Category: Ocean Center

Account Number: 318-930-4300

Description/Justification for Capital and Operating

Modernization of two original arena elevators installed in 1985 at a cost of \$100,000 each.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Ocean Center Fund	58,000	58,000	58,000	58,000	14,667	11,333	200,000	258,000
Total Revenues:	58,000	58,000	58,000	58,000	14,667	11,333	200,000	258,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	58,000	0	0	188,667	11,333	258,000	258,000
Total Expenditures:	0	58,000	0	0	188,667	11,333	258,000	258,000

COUNTY OF VOLUSIA
Ocean Center Building Refurbishment

Department: Ocean Center

Location: Ocean Center

CIP Category: Ocean Center

Account Number: 118-130-1000

Description/Justification for Capital and Operating

Renovation and upgrade of building and amenities to include:
Interior and exterior painting \$150,000
Metal panels on exterior north/south \$150,000
Interior landscaping \$150,000
Water features \$45,000
Projection camera equipment \$125,000
Outside landscaping/water features \$71,509

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Ocean Center Fund	0	0	0	0	0	651,509	651,509	651,509
Total Revenues:	0	0	0	0	0	651,509	651,509	651,509

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	0	0	0	651,509	651,509	651,509
Total Expenditures:	0	0	0	0	0	651,509	651,509	651,509

COUNTY OF VOLUSIA
Ocean Center Roof Replacement

Department: Ocean Center

Location: Ocean Center

CIP Category: Ocean Center

Account Number: 318-930-4300

Description/Justification for Capital and Operating

Replacement of the roof on the Ocean Center:

Original building 140,000 sq ft

New building 160,000 sq ft

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Ocean Center Fund	50,000	550,000	550,000	550,000	550,000	550,000	2,750,000	2,800,000
Total Revenues:	50,000	550,000	550,000	550,000	550,000	550,000	2,750,000	2,800,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	550,000	0	0	0	2,250,000	2,800,000	2,800,000
Total Expenditures:	0	550,000	0	0	0	2,250,000	2,800,000	2,800,000

COUNTY OF VOLUSIA**Parking Garage Door Access Control Equipment**

Department: Ocean Center

Location: Ocean Center Parking

CIP Category: Ocean Center

Account Number: 475-130-2500

Description/Justification for Capital and Operating

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

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Parking Garage Fund	0	350,000	0	0	0	0	350,000	350,000
Total Revenues:	0	350,000	0	0	0	0	350,000	350,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	350,000	0	0	0	0	350,000	350,000
Total Expenditures:	0	350,000	0	0	0	0	350,000	350,000

COUNTY OF VOLUSIA
Parking Garage Parking Deck Rehab

Department: Ocean Center

Location: Ocean Center Parking Garage

CIP Category: Ocean Center

Account Number: 475-130-2500

Description/Justification for Capital and Operating

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

Deck 2 \$46,000

Deck 3 \$90,000

Deck 4 \$90,000

Deck 5 \$90,000

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Parking Garage Fund	0	46,000	90,000	90,000	90,000	0	316,000	316,000
Total Revenues:	0	46,000	90,000	90,000	90,000	0	316,000	316,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	46,000	90,000	90,000	90,000	0	316,000	316,000
Total Expenditures:	0	46,000	90,000	90,000	90,000	0	316,000	316,000

COUNTY OF VOLUSIA
Parking Garage Renovations

Department: Ocean Center

Location: Ocean Center Parking

CIP Category: Ocean Center

Account Number: 475-130-2500

Description/Justification for Capital and Operating

Fiscal year 2015-16:

\$12,056 Parking and Storage Buildout, pave and stripe area on level one, enclose storage area to increase security.
\$33,000 Ceiling tile, carpet and tile replacement to maintain safety
\$40,000 Garage lighting upgrade to LED motion sensor lighting system
\$10,000 Stairwell glass replacement

Fiscal year 2016-17:

\$ 6,000 Closed circuit camera system upgrade to replace existing cameras and add additional camera locations
\$360,000 Garage lighting upgrade to LED motion sensor lighting system

Fiscal year 2017-18:

\$ 6,000 Closed circuit camera system upgrade to replace existing cameras and add additional camera locations
\$ 45,000 Emergency generator replacement

Fiscal year 2018-19

\$ 6,000 Closed circuit camera system upgrade to replace existing cameras and add additional camera locations
\$248,612 Painting and sealing of the structure, to include cosmetic repairs to exterior finish

Fiscal year 2019-20

\$ 6,000 Closed circuit camera system upgrade to replace existing cameras and add additional camera locations

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Parking Garage Fund	0	95,056	366,000	51,000	254,612	6,000	772,668	772,668
Total Revenues:	0	95,056	366,000	51,000	254,612	6,000	772,668	772,668

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	95,056	366,000	51,000	254,612	6,000	772,668	772,668
Total Expenditures:	0	95,056	366,000	51,000	254,612	6,000	772,668	772,668

COUNTY OF VOLUSIA

Parking Garage Toll Booth Replacement

Department: Ocean Center

Location: Ocean Center Parking Garage

CIP Category: Ocean Center

Account Number: 475-130-2500

Description/Justification for Capital and Operating

Replace 2 toll booths at each of the 2 exits including equipment.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Parking Garage Fund	0	123,000	0	0	0	0	123,000	123,000
Total Revenues:	0	123,000	0	0	0	0	123,000	123,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	123,000	0	0	0	0	123,000	123,000
Total Expenditures:	0	123,000	0	0	0	0	123,000	123,000

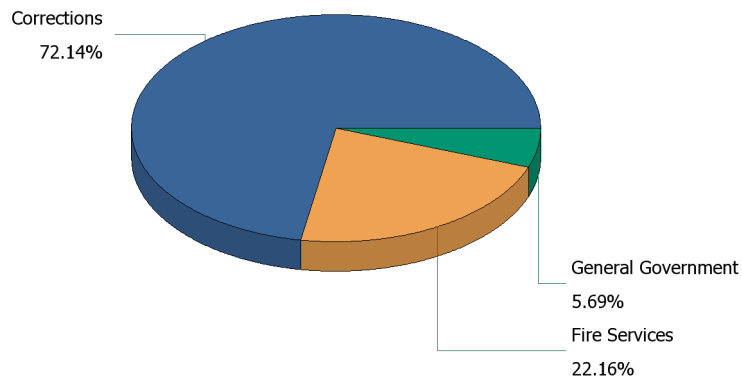
— This page intentionally blank —



COUNTY OF VOLUSIA

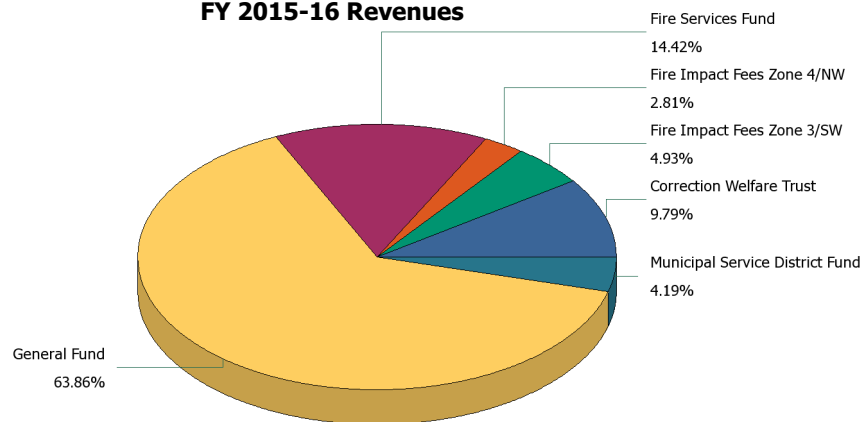
Public Protection

FY 2015-16 Expenditures



Division	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total
Corrections	0	4,312,974	2,205,000	2,015,000	950,000	0	9,482,974
Fire Services	20,771	1,325,000	190,000	1,035,000	250,000	0	2,820,771
General Government	22,638	340,330	150,000	0	540,000	12,260,000	13,312,968
Total Expenditures	43,409	5,978,304	2,545,000	3,050,000	1,740,000	12,260,000	25,616,713

FY 2015-16 Revenues



Revenue Source	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total
Correction Welfare Trust	0	585,000	0	250,000	280,000	0	1,115,000
Emergency Medical Services Fund	0	0	50,000	0	0	0	50,000
Fire Impact Fees Zone 3/SW	0	295,000	0	0	0	0	295,000
Fire Impact Fees Zone 4/NW	0	168,000	0	0	0	0	168,000
Fire Services Fund	20,771	862,000	140,000	1,035,000	250,000	0	2,307,771
General Fund	0	3,817,974	2,355,000	1,765,000	670,000	0	8,607,974
Municipal Service District Fund	22,638	250,330	0	0	0	0	272,968
To Be Determined	0	0	0	0	5,400,000	7,400,000	12,800,000
Total Revenues	43,409	5,978,304	2,545,000	3,050,000	6,600,000	7,400,000	25,616,713

— This page intentionally blank —



COUNTY OF VOLUSIA

Public Protection - Corrections

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
Branch Jail Roof Replacement	0	1,575,000	1,500,000	0	0	0	3,075,000
Central Supply & Records Storage Renovation	0	0	10,000	150,000	0	0	160,000
Chilled Water Storage System	0	0	10,000	275,000	0	0	285,000
Control Center for Gates and Cell Doors	0	0	15,000	1,200,000	0	0	1,215,000
Corrections Staff Parking	0	0	0	0	300,000	0	300,000
Corrections Visitation Center	0	425,000	0	0	0	0	425,000
Defensive Tactics and Fitness Lab	0	0	0	0	200,000	0	200,000
Emergency Generator Switch	0	1,582,974	0	0	0	0	1,582,974
Exterior Window Replacement	0	0	400,000	0	0	0	400,000
Fire Alarm and Smoke Detection Systems	0	225,000	0	0	0	0	225,000
Gardening Program	0	0	0	0	50,000	0	50,000
Mailroom Facility	0	0	0	0	200,000	0	200,000
Perimeter Lights	0	0	0	0	70,000	0	70,000
Potable Water Pipes	0	120,000	120,000	40,000	0	0	280,000
Recreation Yard Canopy	0	160,000	0	0	0	0	160,000
Security Fence Replacement	0	225,000	0	0	0	0	225,000
Tailor/Dry Cleaning Program	0	0	0	250,000	30,000	0	280,000
Variable Air Volume Control	0	0	100,000	100,000	100,000	0	300,000
Volusia County Branch Jail Kitchen Floor Repair	0	0	50,000	0	0	0	50,000
TOTAL EXPENDITURES	0	4,312,974	2,205,000	2,015,000	950,000	0	9,482,974

REVENUE SOURCE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
Correction Welfare Trust	0	585,000	0	250,000	280,000	0	1,115,000
General Fund	0	3,727,974	2,205,000	1,765,000	670,000	0	8,367,974
TOTAL REVENUES	0	4,312,974	2,205,000	2,015,000	950,000	0	9,482,974

— This page intentionally blank —



COUNTY OF VOLUSIA

Branch Jail Roof Replacement

Department: Public Protection

Location: 1300 Red John Drive

CIP Category: Corrections

Account Number: 001-520-1500

Description/Justification for Capital and Operating

Roof replacement project for the Volusia County Branch Jail (VCBJ). Initial findings of the engineer's investigation process indicate replacement of the roof should be done in two phases and that each phase of demolition/construction might take approximately six to nine months. Project timeline assumes phase 1 would commence in the 2nd quarter of fiscal year 2015-16, both phases of the project should be completed by the end of fiscal year 2016-17.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	1,575,000	1,500,000	0	0	0	3,075,000	3,075,000
Total Revenues:	0	1,575,000	1,500,000	0	0	0	3,075,000	3,075,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Other	0	1,500,000	1,500,000	0	0	0	3,000,000	3,000,000
Engineering	0	75,000	0	0	0	0	75,000	75,000
Total Expenditures:	0	1,575,000	1,500,000	0	0	0	3,075,000	3,075,000

COUNTY OF VOLUSIA

Central Supply & 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

Renovation and/or relocation of Central Supply and Records Storage to enhance and streamline warehouse services, inventory turns and records storage space. The Division of Corrections is requesting an efficiency consultant to review the current Central Supply warehouse and adjacent records storage design and staff efficiency. The consultant will identify areas of change with the goal of increasing efficiencies, reducing unnecessary expenditures, and reduce the overall operational costs; and to streamline warehouse services. The analysis will cover all central warehouse operations/expenditures, to include but not limited to, employee utilization and space efficiency. The desired outcome is to develop a comprehensive organizational analysis of the Division's existing operations and current staffing levels that will provide alternatives to improve current levels of service delivery.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	0	10,000	150,000	0	0	160,000	160,000
Total Revenues:	0	0	10,000	150,000	0	0	160,000	160,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	0	0	150,000	0	0	150,000	150,000
Design	0	0	10,000	0	0	0	10,000	10,000
Total Expenditures:	0	0	10,000	150,000	0	0	160,000	160,000

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

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

The cost of the study is \$ 10,000 and the total 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 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	0	10,000	275,000	0	0	285,000	285,000
Total Revenues:	0	0	10,000	275,000	0	0	285,000	285,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Design	0	0	10,000	0	0	0	10,000	10,000
Improvements Other Than Buildings	0	0	0	275,000	0	0	275,000	275,000
Total Expenditures:	0	0	10,000	275,000	0	0	285,000	285,000

COUNTY OF VOLUSIA
Control Center for Gates and Cell Doors

Department: Public Protection

Location: 1300 Red John Drive

CIP Category: Corrections

Account Number: 001-520-1500

Description/Justification for Capital and Operating

Project for replacement and upgrade of the control centers for the operation of gates and cell doors at both the Volusia County Branch Jail (VCBJ) and Volusia County Correctional Facility (VCCF). Feasibility study is planned for fiscal year 2016-17 with implementation of the upgrades in fiscal year 2017-18.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	0	15,000	1,200,000	0	0	1,215,000	1,215,000
Total Revenues:	0	0	15,000	1,200,000	0	0	1,215,000	1,215,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	0	0	1,200,000	0	0	1,200,000	1,200,000
Design	0	0	15,000	0	0	0	15,000	15,000
Total Expenditures:	0	0	15,000	1,200,000	0	0	1,215,000	1,215,000

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

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 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	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 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	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. Estimated system replacement costs are \$425,000.

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 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Correction Welfare Trust	0	425,000	0	0	0	0	425,000	425,000
Total Revenues:	0	425,000	0	0	0	0	425,000	425,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Other	0	0	0	0	0	0	0	0
Improvements Other Than Buildings	0	425,000	0	0	0	0	425,000	425,000
Total Expenditures:	0	425,000	0	0	0	0	425,000	425,000

COUNTY OF VOLUSIA
Defensive Tactics and Fitness Lab

Department: Public Protection

Location: 1300 Red John Drive

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 and maintaining competency for physical abilities test (PAT). Existing space is not functional.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	0	0	0	200,000	0	200,000	200,000
Total Revenues:	0	0	0	0	200,000	0	200,000	200,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	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
Emergency Generator Switch

Department: Public Protection

Location: 1300 Red John Road and 1354 Indian Lake Road

CIP Category: Corrections

Account Number: 001-520-1500

Description/Justification for Capital and Operating

The existing Emergency Generator Switch (EGS) only operates a portion of necessary systems at each facility. Renovations will result in added changes in demand. Having acquired sufficient experience with actual load demands following completion of the Roof/Smoke Handler projects, need engineering task assignment to properly configure EGSs so emergency generators will support air conditioning and other essential systems. Volusia County Correctional Facilities (VCCF) EGS is original to building (1977) and parts are no longer accessible locally. To repair a malfunction in July, 2013, parts had to be located and express shipped from Colorado and Arizona.

Bid 15-B-173-JD for the replacement of the Emergency Generator Switch (EGS) at both institutions was released on July 29, 2015, with award and implementation expected by the second quarter of fiscal year 2015-16.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	1,582,974	0	0	0	0	1,582,974	1,582,974
Total Revenues:	0	1,582,974	0	0	0	0	1,582,974	1,582,974

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Design	0	0	0	0	0	0	0	0
Improvements Other Than Buildings	0	1,582,974	0	0	0	0	1,582,974	1,582,974
Total Expenditures:	0	1,582,974	0	0	0	0	1,582,974	1,582,974

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

Exterior window replacement to enhance security and to upgrade and replace deteriorating and corroded windows original to buildings circa 1970s.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	0	400,000	0	0	0	400,000	400,000
Total Revenues:	0	0	400,000	0	0	0	400,000	400,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	0	400,000	0	0	0	400,000	400,000
Total Expenditures:	0	0	400,000	0	0	0	400,000	400,000

COUNTY OF VOLUSIA

Fire Alarm and Smoke Detection Systems

Department: Public Protection

Location: 1354 Indian Lake Road

CIP Category: Corrections

Account Number: 001-520-1500

Description/Justification for Capital and Operating

The fire alarm and smoke detection system at the Volusia County Correctional Facility (VCCF) is original to the 37-year old facility and has exceeded its useful life. Technology and design standards have progressed to the point that replacement parts are no longer being manufactured and any major failure will result in the system becoming inoperable.

This project was budgeted in fiscal year 2014-15 but was not completed. Thus, the project will need to be re-appropriated in fiscal year 2015-16. Total cost of engineering and installation of the integrated fire alarm and smoke detection system is estimated to be \$225,000.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	225,000	0	0	0	0	225,000	225,000
Total Revenues:	0	225,000	0	0	0	0	225,000	225,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	225,000	0	0	0	0	225,000	225,000
Total Expenditures:	0	225,000	0	0	0	0	225,000	225,000

COUNTY OF VOLUSIA

Gardening Program

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

The inmate garden project is a planned program to be offered to low-security inmates by Volusia County's Division of Corrections. The garden project will be housed in greenhouses to be built and maintained within the secure outdoor confines of the correctional institutions and will be tended to daily by inmates. The inmates will plant vegetables and tend to various daily tasks, such as weeding, watering and harvesting the vegetables grown in the garden. Inmate grown vegetables will be initially used in the correctional facility kitchen as a way to provide inmates with freshly grown produce, while at the same time enabling them to do something positive while incarcerated. Once levels of vegetable production are stabilized, it is expected that garden produce can be used to reduce overall food costs and/or be donated to area food banks for distribution to low income families.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Correction Welfare Trust	0	0	0	0	50,000	0	50,000	50,000
Total Revenues:	0	0	0	0	50,000	0	50,000	50,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	0	0	50,000	0	50,000	50,000
Total Expenditures:	0	0	0	0	50,000	0	50,000	50,000

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

Renovations to the 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 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Correction Welfare Trust	0	0	0	0	200,000	0	200,000	200,000
Total Revenues:	0	0	0	0	200,000	0	200,000	200,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	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

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 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	0	0	0	70,000	0	70,000	70,000
Total Revenues:	0	0	0	0	70,000	0	70,000	70,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	0	0	70,000	0	70,000	70,000
Total Expenditures:	0	0	0	0	70,000	0	70,000	70,000

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

Potable Water Pipes - multi-phased project to replace/repair all potable water pipes at both the Correctional Facility and Branch Jail, estimated to be a 3 year project.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	120,000	120,000	40,000	0	0	280,000	280,000
Total Revenues:	0	120,000	120,000	40,000	0	0	280,000	280,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	120,000	120,000	40,000	0	0	280,000	280,000
Total Expenditures:	0	120,000	120,000	40,000	0	0	280,000	280,000

COUNTY OF VOLUSIA
Recreation Yard Canopy

Department: Public Protection

Location: 1354 Indian Lake Road

CIP Category: Corrections

Account Number: 123-520-3500

Description/Justification for Capital and Operating

Construction related to the Dorm Replacement project was completed in fiscal year 2014-15. A partly covered recreation/exercise yard(s) were not included in the project scope of work due to budgetary constraints. However, covering the attached recreation yard will permit inmates to use it as a dayroom space. This added dayroom space will enable the Volusia County Correction Facility (VCCF) to remain compliant with inmate space requirements as additional beds are occupied in the dorms, thereby keeping the Division within jail standards guidelines. The addition will supplement the main recreation yard and allow for outdoor activities during inclement weather. The top covering may also prevent contraband from being tossed or pitched into the yard.

Project Reference

Correctional Facility Temporary Housing Replacement

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Correction Welfare Trust	0	160,000	0	0	0	0	160,000	160,000
Total Revenues:	0	160,000	0	0	0	0	160,000	160,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	160,000	0	0	0	0	160,000	160,000
Total Expenditures:	0	160,000	0	0	0	0	160,000	160,000

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 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	225,000	0	0	0	0	225,000	225,000
Total Revenues:	0	225,000	0	0	0	0	225,000	225,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	225,000	0	0	0	0	225,000	225,000
Total Expenditures:	0	225,000	0	0	0	0	225,000	225,000

COUNTY OF VOLUSIA
Tailor/Dry Cleaning Program

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

Tailor/Dry Cleaning Program to teach job skills, educate and enhance employability after release. The program will be housed in a building to be constructed on the secure grounds of the Branch Jail.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Correction Welfare Trust	0	0	0	250,000	30,000	0	280,000	280,000
Total Revenues:	0	0	0	250,000	30,000	0	280,000	280,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	0	250,000	30,000	0	280,000	280,000
Total Expenditures:	0	0	0	250,000	30,000	0	280,000	280,000

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 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	0	100,000	100,000	100,000	0	300,000	300,000
Total Revenues:	0	0	100,000	100,000	100,000	0	300,000	300,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	0	100,000	100,000	100,000	0	300,000	300,000
Total Expenditures:	0	0	100,000	100,000	100,000	0	300,000	300,000

COUNTY OF VOLUSIA

Volusia County Branch Jail Kitchen Floor Repair

Department: Public Protection

Location: 1300 Red John Drive

CIP Category: Corrections

Account Number: 001-520-1500

Description/Justification for Capital and Operating

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

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	0	50,000	0	0	0	50,000	50,000
Total Revenues:	0	0	50,000	0	0	0	50,000	50,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	0	50,000	0	0	0	50,000	50,000
Total Expenditures:	0	0	50,000	0	0	0	50,000	50,000

— This page intentionally blank —



COUNTY OF VOLUSIA

Public Protection - Fire Services

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
Fire Station 22 -Oak Hill Renovation	0	0	90,000	785,000	0	0	875,000
Fire Station 23 Relocation	0	0	0	250,000	250,000	0	500,000
Fire Station 36 -Osteen Addition	0	925,000	0	0	0	0	925,000
Fire Station 47 (Northwest Quad)	0	200,000	0	0	0	0	200,000
Fire Station Roof Replacements	20,771	200,000	100,000	0	0	0	320,771
TOTAL EXPENDITURES	20,771	1,325,000	190,000	1,035,000	250,000	0	2,820,771

REVENUE SOURCE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
Emergency Medical Services Fund	0	0	50,000	0	0	0	50,000
Fire Impact Fees Zone 3/SW	0	295,000	0	0	0	0	295,000
Fire Impact Fees Zone 4/NW	0	168,000	0	0	0	0	168,000
Fire Services Fund	20,771	862,000	140,000	1,035,000	250,000	0	2,307,771
TOTAL REVENUES	20,771	1,325,000	190,000	1,035,000	250,000	0	2,820,771

— This page intentionally blank —



COUNTY OF VOLUSIA

Fire Station 22 -Oak Hill Renovation

Department: Public Protection

Location: Oak Hill

CIP Category: Fire Services

Account Number: 140-540-7000

Description/Justification for Capital and Operating

Renovations to the Oak Hill Fire Station. This renovation will update the interior of the fire station to comply with current standards for gender privacy and building codes.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Fire Services Fund	0	0	90,000	785,000	0	0	875,000	875,000
Total Revenues:	0	0	90,000	785,000	0	0	875,000	875,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	0	0	0	785,000	0	0	785,000	785,000
Engineering	0	0	90,000	0	0	0	90,000	90,000
Total Expenditures:	0	0	90,000	785,000	0	0	875,000	875,000

COUNTY OF VOLUSIA
Fire Station 23 Relocation

Department: Public Protection

Location: To Be Determined

CIP Category: Fire Services

Account Number: 140-540-5173

Description/Justification for Capital and Operating

This is to relocate Fire Station 23 to better serve the Southeast quad of the County.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Fire Services Fund	0	0	0	250,000	250,000	0	500,000	500,000
Total Revenues:	0	0	0	250,000	250,000	0	500,000	500,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Engineering	0	0	0	0	250,000	0	250,000	250,000
Land	0	0	0	250,000	0	0	250,000	250,000
Total Expenditures:	0	0	0	250,000	250,000	0	500,000	500,000

COUNTY OF VOLUSIA
Fire Station 36 -Osteen Addition

Department: Public Protection

Location:

CIP Category: Fire Services

Account Number: 140-540-5136

Description/Justification for Capital and Operating

Addition and renovation to Fire Station 36-Osteen to bring the station up to current standards; expand apparatus bay area to house operational vehicles and harden staff quarters.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Fire Impact Fees Zone 3/SW	0	295,000	0	0	0	0	295,000	295,000
Fire Services Fund	0	630,000	0	0	0	0	630,000	630,000
Total Revenues:	0	925,000	0	0	0	0	925,000	925,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	0	835,000	0	0	0	0	835,000	835,000
Engineering	0	90,000	0	0	0	0	90,000	90,000
Total Expenditures:	0	925,000	0	0	0	0	925,000	925,000

COUNTY OF VOLUSIA
Fire Station 47 (Northwest Quad)

Department: Public Protection

Location:

CIP Category: Fire Services

Account Number: 140-540-5147

Description/Justification for Capital and Operating

For future construction of a new fire station to serve the northwest quad of the County.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Fire Impact Fees Zone 4/NW	0	168,000	0	0	0	0	168,000	168,000
Fire Services Fund	0	32,000	0	0	0	0	32,000	32,000
Total Revenues:	0	200,000	0	0	0	0	200,000	200,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Land	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
Fire Station Roof Replacements

Department: Public Protection

Location: Various

CIP Category: Fire Services

Account Number: 140-540-7000

Description/Justification for Capital and Operating

Fire Station Roof Replacement for Fire Station 22 -Oak Hill, Fire Station 41-DeLeon Springs, and Fire Station 31/Post 2 -Orange City based on recommendations from Central Services Facilities.

Fiscal year 2015-16

Fire Station 22 -Oak Hill for \$120,000. This project was encumbered in fiscal year 2014-15 and will be completed in fiscal year 2015-16.

Fire Station 41 -Deleon Springs for \$80,000

Fiscal year 2016-17

Fire Station 31/Post 2 for \$100,000. This project will be split funded between the two agencies that occupy the facility.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Emergency Medical Services Fund	0	0	50,000	0	0	0	50,000	50,000
Fire Services Fund	20,771	200,000	50,000	0	0	0	250,000	270,771
Total Revenues:	20,771	200,000	100,000	0	0	0	300,000	320,771

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	20,771	200,000	100,000	0	0	0	300,000	320,771
Total Expenditures:	20,771	200,000	100,000	0	0	0	300,000	320,771

— This page intentionally blank —



COUNTY OF VOLUSIA

Public Protection - General Government

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
Access and Security	0	0	150,000	0	0	0	150,000
Animal Control Facility	22,638	340,330	0	0	0	0	362,968
Emergency Medical Services Facility	0	0	0	0	0	7,400,000	7,400,000
Medical Examiner Facility	0	0	0	0	540,000	4,860,000	5,400,000
TOTAL EXPENDITURES	22,638	340,330	150,000	0	540,000	12,260,000	13,312,968

REVENUE SOURCE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
General Fund	0	90,000	150,000	0	0	0	240,000
Municipal Service District Fund	22,638	250,330	0	0	0	0	272,968
To Be Determined	0	0	0	0	5,400,000	7,400,000	12,800,000
TOTAL REVENUES	22,638	340,330	150,000	0	5,400,000	7,400,000	13,312,968

— This page intentionally blank —



COUNTY OF VOLUSIA

Access and Security

Department: Public Protection

Location: 112 Carswell Ave Holly Hill

CIP Category: General Government

Account Number: 001-870-4200

Description/Justification for Capital and Operating

Access and security for the Emergency Medical Services building at 112 Carswell Avenue, Holly Hill.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	0	150,000	0	0	0	150,000	150,000
Total Revenues:	0	0	150,000	0	0	0	150,000	150,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	0	150,000	0	0	0	150,000	150,000
Total Expenditures:	0	0	150,000	0	0	0	150,000	150,000

COUNTY OF VOLUSIA
Animal Control Facility

Department: Public Protection

Location: Indian Lake Road

CIP Category: General Government

Account Number: 120-510-1100

Description/Justification for Capital and Operating

This project is for renovating a building for the Animal Services Division that will include administrative offices and a clinic for performing spay/neuter surgeries. It will be located at the intersection of Indian Lakes Road and Tiger Bay Rd in Daytona Beach.

Project Reference

None

OPERATING IMPACT:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Capital Outlay	0	5,000	0	0	0	0	5,000	5,000
Total Operating Impact:	0	5,000	0	0	0	0	5,000	5,000

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
General Fund	0	90,000	0	0	0	0	90,000	90,000
Municipal Service District Fund	22,638	250,330	0	0	0	0	250,330	272,968
Total Revenues:	22,638	340,330	0	0	0	0	340,330	362,968

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	0	340,330	0	0	0	0	340,330	340,330
Design	22,638	0	0	0	0	0	0	22,638
Total Expenditures:	22,638	340,330	0	0	0	0	340,330	362,968

COUNTY OF VOLUSIA
Emergency Medical Services Facility

Department: Public Protection

Location:

CIP Category: General Government

Account Number: 001-930-9999

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. This project is part of the core services infrastructure plan presented to Council on May 21, 2015. A loan would need to be secured to commence construction. The debt service plan presented on November 5, 2015, included a projection of obtaining 10-year financing for the \$7,400,000 project cost, with annual estimated debt service of \$885,000.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
To Be Determined	0	0	0	0	0	7,400,000	7,400,000	7,400,000
Total Revenues:	0	0	0	0	0	7,400,000	7,400,000	7,400,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	0	0	0	0	6,585,000	6,585,000	6,585,000
Design	0	0	0	0	0	815,000	815,000	815,000
Total Expenditures:	0	0	0	0	0	7,400,000	7,400,000	7,400,000

COUNTY OF VOLUSIA
Medical Examiner Facility

Department: Public Protection

Location: Indian Lake Road, Daytona Beach

CIP Category: General Government

Account Number: 001-930-9999

Description/Justification for Capital and Operating

The existing medical examiner facility does not have the capacity for the current workload, which includes over 600 autopsies and 900 death investigations annually. A new facility is required to 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, and to accommodate future growth. A loan would need to be secured to commence construction.

Project Reference

None

REVENUE SOURCE:

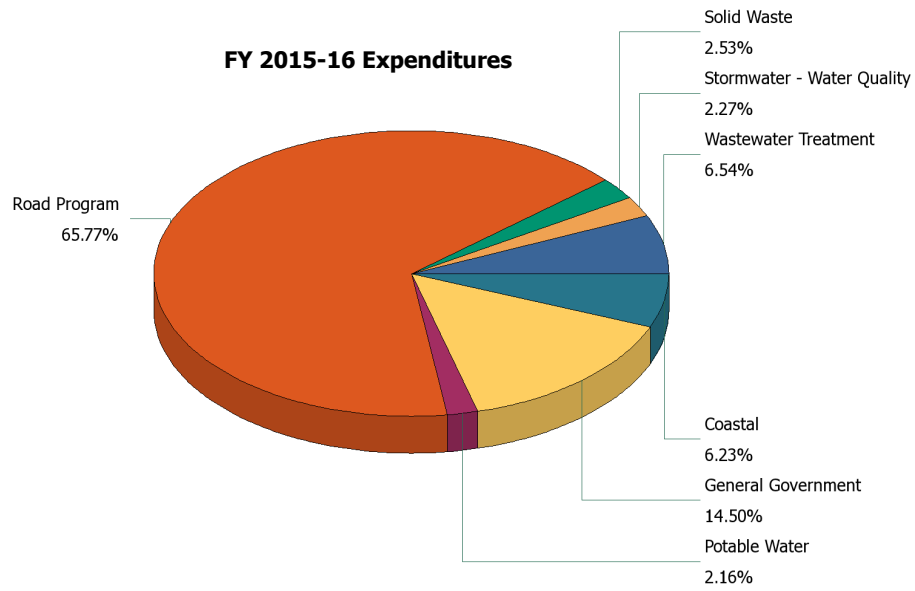
Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
To Be Determined	0	0	0	0	5,400,000	0	5,400,000	5,400,000
Total Revenues:	0	0	0	0	5,400,000	0	5,400,000	5,400,000

CAPITAL IMPROVEMENT EXPENDITURE:

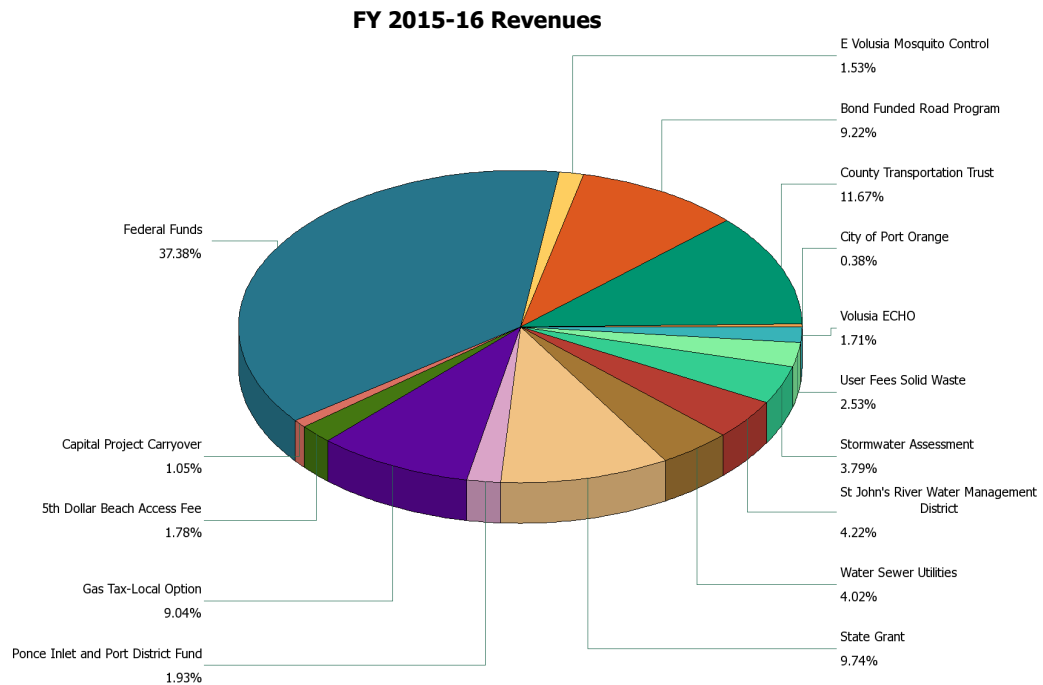
Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	0	0	0	0	4,860,000	4,860,000	4,860,000
Design	0	0	0	0	540,000	0	540,000	540,000
Total Expenditures:	0	0	0	0	540,000	4,860,000	5,400,000	5,400,000

COUNTY OF VOLUSIA

Public Works



Division	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total
Coastal	22,174,309	8,166,153	10,037,545	6,402,508	5,745,068	6,616,331	59,141,914
General Government	0	19,000,000	0	0	0	0	19,000,000
Potable Water	0	2,825,000	1,795,000	2,750,000	2,255,000	2,105,000	11,730,000
Road Program	11,857,100	86,183,424	2,450,000	2,450,000	2,450,000	2,450,000	107,840,524
Solid Waste	7,791,097	3,308,973	1,085,000	6,350,000	6,670,000	450,000	25,655,070
Stormwater - Water Quality	9,140,220	2,970,000	2,470,000	2,020,000	1,620,000	2,170,000	20,390,220
Wastewater Treatment	0	8,575,000	4,200,000	1,625,000	6,075,000	3,325,000	23,800,000
Total Expenditures	50,962,726	131,028,550	22,037,545	21,597,508	24,815,068	17,116,331	267,557,728



COUNTY OF VOLUSIA

Public Works

Revenue Source	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total
City of New Smyrna Beach	98,578	0	0	0	0	0	98,578
City of Port Orange	693,153	500,000	0	0	0	0	1,193,153
County Transportation Trust	0	15,285,607	0	0	0	0	15,285,607
Bond Funded Road Program	953,619	12,083,737	0	0	0	0	13,037,356
Daytona Bch Racing & Recreation Di	200,000	0	0	0	0	0	200,000
E Volusia Mosquito Control	0	2,000,000	0	0	0	0	2,000,000
Federal Funds	486,637	48,984,950	0	0	0	0	49,471,587
Capital Project Carryover	0	1,374,750	0	0	0	0	1,374,750
5th Dollar Beach Access Fee	2,855,313	2,331,928	848,000	655,000	180,000	825,000	7,695,241
Florida Department Environmental P	0	0	250,000	250,000	250,000	250,000	1,000,000
Gas Tax-Local Option	10,367,764	11,850,000	2,450,000	2,450,000	2,450,000	2,450,000	32,017,764
General Fund	6,141,667	0	0	0	0	0	6,141,667
Ponce Inlet and Port District Fund	7,297,599	2,534,993	3,202,500	1,116,792	1,160,086	325,000	15,636,970
Road Impact Fees Z4/NW	49,080	0	0	0	0	0	49,080
State Grant	0	12,764,737	0	0	0	0	12,764,737
Water Sewer Utilities	0	5,272,500	2,595,000	4,375,000	3,830,000	5,430,000	21,502,500
State Revolving Fund Loan	0	0	3,400,000	0	4,500,000	0	7,900,000
St John's River Water Management I	0	5,527,500	0	0	0	0	5,527,500
Stormwater Assessment	9,540,220	4,970,000	2,470,000	2,020,000	1,620,000	2,170,000	22,790,220
To Be Determined	0	0	1,768,500	1,326,708	1,283,414	2,118,500	6,497,122
US Army Corps of Engineers	0	0	750,000	750,000	750,000	750,000	3,000,000
User Fees Solid Waste	7,791,097	3,308,973	1,085,000	6,350,000	6,670,000	450,000	25,655,070
Volusia ECHO	6,411,729	2,238,875	1,694,815	1,904,008	2,121,568	2,347,831	16,718,826
Total Revenues	52,886,456	131,028,550	20,513,815	21,197,508	24,815,068	17,116,331	267,557,728

COUNTY OF VOLUSIA

Public Works - Coastal

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
Artificial Reefs and Marine Habitat Development	2,973,388	0	175,000	175,000	175,000	175,000	3,673,388
Beach Public Access Repair and Renovation	0	1,007,925	175,000	100,000	0	0	1,282,925
Beach Ramp Renovation	389,288	635,500	263,000	410,000	55,000	700,000	2,452,788
Beach Restroom Renovation	91,948	210,000	250,000	0	0	0	551,948
Beach Safety/Ocean Rescue Infrastructure	400,140	116,625	160,000	145,000	125,000	125,000	1,071,765
Boardwalk Development	0	1,500,000	1,694,815	1,904,008	2,121,568	2,347,831	9,568,222
Flagler Avenue Lifeguard Station Relocation	158,316	664,803	0	0	0	0	823,119
Inlet Dredging	0	150,000	1,150,000	1,150,000	1,150,000	1,150,000	4,750,000
Lighthouse Point Park Boardwalk	0	150,000	400,000	0	0	0	550,000
Nearshore Reef Buoy System	0	125,000	0	0	0	0	125,000
Off-Beach Parking Development	16,658,776	1,274,750	2,118,500	2,118,500	2,118,500	2,118,500	26,407,526
Public Boat Ramp Channel Dredging	0	290,000	0	0	0	0	290,000
Smyrna Dunes Boardwalk Reconstruction	19,913	1,319,993	2,127,500	400,000	0	0	3,867,406
Toronita Avenue Park and Wilbur Bike Trail	1,482,540	721,557	1,523,730	0	0	0	3,727,827
TOTAL EXPENDITURES	22,174,309	8,166,153	10,037,545	6,402,508	5,745,068	6,616,331	59,141,914

COUNTY OF VOLUSIA

Public Works - Coastal

REVENUE SOURCE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
5th Dollar Beach Access Fee	2,855,313	2,331,928	848,000	655,000	180,000	825,000	7,695,241
Capital Project Carryover	0	774,750	0	0	0	0	774,750
City of New Smyrna Beach	98,578	0	0	0	0	0	98,578
City of Port Orange	693,153	0	0	0	0	0	693,153
County Transportation Trust	0	285,607	0	0	0	0	285,607
Daytona Bch Racing & Recreation District	200,000	0	0	0	0	0	200,000
Florida Department Environmental Protection	0	0	250,000	250,000	250,000	250,000	1,000,000
General Fund	6,141,667	0	0	0	0	0	6,141,667
Ponce Inlet and Port District Fund	7,297,599	2,534,993	3,202,500	1,116,792	1,160,086	325,000	15,636,970
Stormwater Assessment	400,000	0	0	0	0	0	400,000
To Be Determined	0	0	1,768,500	1,326,708	1,283,414	2,118,500	6,497,122
US Army Corps of Engineers	0	0	750,000	750,000	750,000	750,000	3,000,000
Volusia ECHO	6,411,729	2,238,875	1,694,815	1,904,008	2,121,568	2,347,831	16,718,826
TOTAL REVENUES	24,098,039	8,166,153	8,513,815	6,002,508	5,745,068	6,616,331	59,141,914

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 exists and results in fuel savings for the recreational, charter and commercial fishing industries. Reef site expansion includes two nearshore, reefs 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 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Ponce Inlet and Port District Fund	2,973,388	0	175,000	175,000	175,000	175,000	700,000	3,673,388
Total Revenues:	2,973,388	0	175,000	175,000	175,000	175,000	700,000	3,673,388

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	2,973,388	0	175,000	175,000	175,000	175,000	700,000	3,673,388
Total Expenditures:	2,973,388	0	175,000	175,000	175,000	175,000	700,000	3,673,388

COUNTY OF VOLUSIA**Beach Public Access Repair and Renovation**

Department: Public Works

Location:

CIP Category: Coastal

Account Number: 313-930-9999

Description/Justification for Capital and Operating

Beach public access repair and renovation encompasses projects at Sunsplash beachfront park, Hiles Boulevard parking and amenities, pedestrian walkovers, showers, signage, and traffic counter systems. The Hiles Boulevard project totals \$572,925 and includes \$302,925 funding through a 2015 Volusia ECHO grant. Total improvements at Sunsplash Park are \$170,000 in fiscal year 2015-16 and \$125,000 in fiscal year 2016-17.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
5th Dollar Beach Access Fee	0	705,000	175,000	100,000	0	0	980,000	980,000
Volusia ECHO	0	302,925	0	0	0	0	302,925	302,925
Total Revenues:	0	1,007,925	175,000	100,000	0	0	1,282,925	1,282,925

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	0	1,007,925	175,000	100,000	0	0	1,282,925	1,282,925
Total Expenditures:	0	1,007,925	175,000	100,000	0	0	1,282,925	1,282,925

COUNTY OF VOLUSIA
Beach Ramp Renovation

Department: Public Works

Location:

CIP Category: Coastal

Account Number: 313-930-9999

Description/Justification for Capital and Operating

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

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
5th Dollar Beach Access Fee	389,288	635,500	263,000	410,000	55,000	700,000	2,063,500	2,452,788
Total Revenues:	389,288	635,500	263,000	410,000	55,000	700,000	2,063,500	2,452,788

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	389,288	635,500	263,000	410,000	55,000	700,000	2,063,500	2,452,788
Total Expenditures:	389,288	635,500	263,000	410,000	55,000	700,000	2,063,500	2,452,788

COUNTY OF VOLUSIA
Beach Restroom Renovation

Department: Public Works

Location:

CIP Category: Coastal

Account Number: 313-930-9999

Description/Justification for Capital and Operating

Upgrades and amenities for public restrooms at beach ramps and access points, there are 20 restroom facilities, with a new facility planned for Hiles Boulevard. Projects completed include Bethune Point Park, Riverview Boulevard, and Dahlia Avenue. Projects for fiscal year 2015-16 are Granada, International Speedway Boulevard, Silver Beach, Boylston, and North Shore East. Fiscal year 2016-17 project is for the Browning Avenue ramp.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
5th Dollar Beach Access Fee	91,948	210,000	250,000	0	0	0	460,000	551,948
Total Revenues:	91,948	210,000	250,000	0	0	0	460,000	551,948

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	91,948	210,000	250,000	0	0	0	460,000	551,948
Total Expenditures:	91,948	210,000	250,000	0	0	0	460,000	551,948

COUNTY OF VOLUSIA**Beach Safety/Ocean Rescue Infrastructure**

Department: Public Works

Location:

CIP Category: Coastal

Account Number: 313-930-5700

Description/Justification for Capital and Operating

Renovation, upgrades or replacement for lifeguard base towers and mobile unit towers to provide year round protection from weather and sun exposure to full time lifeguards, as they provide safety to beachgoers. Infrastructure improvements to include shower renovations, storage areas, traffic control equipment, and signage for Beach Safety/Ocean Rescue sites. Prior year expenditures include the Dunlawton Operations Facility.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
5th Dollar Beach Access Fee	275,140	116,625	160,000	145,000	125,000	125,000	671,625	946,765
Ponce Inlet and Port District Fund	125,000	0	0	0	0	0	0	125,000
Total Revenues:	400,140	116,625	160,000	145,000	125,000	125,000	671,625	1,071,765

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	317,371	116,625	160,000	145,000	125,000	125,000	671,625	988,996
Other Equipment	82,769	0	0	0	0	0	0	82,769
Total Expenditures:	400,140	116,625	160,000	145,000	125,000	125,000	671,625	1,071,765

COUNTY OF VOLUSIA
Boardwalk Development

Department: Public Works

Location:

CIP Category: Coastal

Account Number: 375-930-5800

Description/Justification for Capital and Operating

The County Council created an Opportunity Zone on May 7, 2015, a 2.25-mile stretch along the Atlantic Ocean from University to Silver Beach that will be a traffic-free zone on the beach. Boardwalk development along this zone to connect existing amenities and provide a new destination will reconnect people with the water and provide a new identity for the area. The planned development will be environmentally friendly and compatible with the Habitat Conservation Plan. The boardwalk is proposed to encourage economic development in the area and provide a safe and accessible attraction for all citizens and visitors. On August 6, 2015, the County Council approved resolution 2015-102 designating all ECHO funds remaining after funding the ECHO grant program at \$2.5 million annually, 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.

The fiscal year 2015-16 budget includes an interfund transfer of \$1.5 million from the Volusia ECHO Fund to begin providing seed money and grant matching funds for this project. Future years based on 5-year forecast for the Volusia ECHO fund.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Volusia ECHO	0	1,500,000	1,694,815	1,904,008	2,121,568	2,347,831	9,568,222	9,568,222
Total Revenues:	0	1,500,000	1,694,815	1,904,008	2,121,568	2,347,831	9,568,222	9,568,222

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	0	1,500,000	1,694,815	1,904,008	2,121,568	2,347,831	9,568,222	9,568,222
Total Expenditures:	0	1,500,000	1,694,815	1,904,008	2,121,568	2,347,831	9,568,222	9,568,222

COUNTY OF VOLUSIA**Flagler Avenue Lifeguard Station Relocation**

Department: Public Works

Location: New Smyrna Beach

CIP Category: Coastal

Account Number: 313-930-3285

Description/Justification for Capital and Operating

Relocate the existing lifeguard station at the Flagler Avenue approach in New Smyrna Beach to the county owned right-of-way directly south of its current location. This station is currently located in the southeast corner of the city owned off-beach park and parking area.

This relocation will require the extension of an existing seawall as well, the City of New Smyrna Beach has committed to paying for the seawall extension, which was completed in fiscal year 2013-14 at a cost of \$98,578.

Additional operating costs anticipated for ffe (furniture, fixtures and equipment) is estimated at \$60,000. No additional personal services are anticipated and will be absorbed within current budget expenditures.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
5th Dollar Beach Access Fee	59,738	664,803	0	0	0	0	664,803	724,541
City of New Smyrna Beach	98,578	0	0	0	0	0	0	98,578
Total Revenues:	158,316	664,803	0	0	0	0	664,803	823,119

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	105,879	664,803	0	0	0	0	664,803	770,682
Design	52,437	0	0	0	0	0	0	52,437
Engineering	0	0	0	0	0	0	0	0
Total Expenditures:	158,316	664,803	0	0	0	0	664,803	823,119

COUNTY OF VOLUSIA

Inlet Dredging

Department: Public Works

Location: Various Locations

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. A contributed funds Memorandum Of Agreement with the U.S. Army Corps of Engineers can operationalize this initiative.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Florida Department Environmental Protection	0	0	250,000	250,000	250,000	250,000	1,000,000	1,000,000
Ponce Inlet and Port District Fund	0	150,000	150,000	150,000	150,000	150,000	750,000	750,000
US Army Corps of Engineers	0	0	750,000	750,000	750,000	750,000	3,000,000	3,000,000
Total Revenues:	0	150,000	1,150,000	1,150,000	1,150,000	1,150,000	4,750,000	4,750,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Other	0	150,000	1,150,000	1,150,000	1,150,000	1,150,000	4,750,000	4,750,000
Total Expenditures:	0	150,000	1,150,000	1,150,000	1,150,000	1,150,000	4,750,000	4,750,000

COUNTY OF VOLUSIA
Lighthouse Point Park Boardwalk

Department: Public Works

Location: Ponce Inlet

CIP Category: Coastal

Account Number: 114-150-6110

Description/Justification for Capital and Operating

The boardwalk system located on the east side of Lighthouse Point Park is comprised of three wooden beach and dune walkways and a beach and jetty deck access walkway. Two of the three beach and dune walkways are interconnected while a third is not. The unconnected walkway is isolated and of somewhat limited use. Access at the park can be improved and enhanced by establishing connectivity from the isolated boardwalk to the remaining walkways. Parking area use may also be more evenly distributed as all beach and dune walkways would be connected to one another throughout the park. Inlet and Port District funding has been identified to support this inlet park capital improvement feature.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Ponce Inlet and Port District Fund	0	150,000	400,000	0	0	0	550,000	550,000
Total Revenues:	0	150,000	400,000	0	0	0	550,000	550,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	0	150,000	400,000	0	0	0	550,000	550,000
Total Expenditures:	0	150,000	400,000	0	0	0	550,000	550,000

COUNTY OF VOLUSIA
Nearshore Reef Buoy System

Department: Public Works

Location:

CIP Category: Coastal

Account Number: 114-150-6010

Description/Justification for Capital and Operating

The nearshore reefs sites constructed during the summer of 2015 have already become popular fishing and diving destinations. In order to enhance reef site access a system of mooring and perimeter buoys are planned. The mooring buoys will provide safe and easy access to the nearshore reef deployment locations for small craft anglers and divers. The buoys will also create floating habitat for a wide variety of marine organisms thereby complimenting the reef habitat constructed on the seafloor below. Engineering, design, permitting and buoy system installation are supported by the coastal division Inlet and Port District fund. Permitting is set for completion by March 2016 with installation planned for the spring / summer 2016.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Ponce Inlet and Port District Fund	0	125,000	0	0	0	0	125,000	125,000
Total Revenues:	0	125,000	0	0	0	0	125,000	125,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	0	125,000	0	0	0	0	125,000	125,000
Total Expenditures:	0	125,000	0	0	0	0	125,000	125,000

COUNTY OF VOLUSIA

Off-Beach Parking Development

Department: Public Works

Location:

CIP Category: Coastal

Account Number: 313-930-9999

Description/Justification for Capital and Operating

The provision of off-beach parking is a key component of County's priority to maintain beach access while meeting the requirements of the Habitat Protection Plan (HPP) and the Incidental Take Permit (ITP). Off-beach parking that is convenient, free, safe, and attractive promotes the beach identity developed for Volusia County. In fiscal year 2014-15 the County leveraged General Fund, Volusia ECHO funds, and Ponce Inlet Port District funds to purchase seven properties to expand off-beach parking. These sites are projected to add over 600 spaces for off-beach parking. Projects are as follows.

Argosy - 1255 North Oceanshore Blvd, Ormond Beach Shores. Approximately 56 spaces \$784,000, plus capital carryover of \$117,600 for demolition, design, and permitting.

Cardinal - A1A and Cardinal Drive, Ormond Beach. Approximately 135 spaces \$1,890,000

Hiles - Bethune Beach (unincorporated). Approximately 50 spaces, \$700,000

Jasmin/Dahlia - 3621 Atlantic Avenue, Daytona Beach Shores. Approximately 83 spaces \$1,162,000, plus capital carryover of \$161,850 for demolition, design, and permitting

726 North Atlantic Avenue, Daytona Beach. Approximately 90 spaces \$1,260,000

3167 South Atlantic Avenue, Daytona Beach. Approximately 130 spaces \$1,820,000, plus capital carryover of \$292,500 for demolition, design and permitting.

Westin, Daytona Beach. Approximately 97 spaces \$1,358,000, plus capital carryover of \$202,800 for demolition, design, and permitting.

A loan would need to be secured to commence construction.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
5th Dollar Beach Access Fee	2,039,199	0	0	0	0	0	0	2,039,199
Capital Project Carryover	0	774,750	0	0	0	0	774,750	774,750
Daytona Bch Racing & Recreation District	200,000	0	0	0	0	0	0	200,000
General Fund	6,141,667	0	0	0	0	0	0	6,141,667
Ponce Inlet and Port District Fund	2,870,366	500,000	350,000	791,792	835,086	0	2,476,878	5,347,244
To Be Determined	0	0	1,768,500	1,326,708	1,283,414	2,118,500	6,497,122	6,497,122
Volusia ECHO	5,407,544	0	0	0	0	0	0	5,407,544
Total Revenues:	16,658,776	1,274,750	2,118,500	2,118,500	2,118,500	2,118,500	9,748,750	26,407,526

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Design	0	774,750	0	0	0	0	774,750	774,750
Improvements Other Than Buildings	2,829,962	500,000	2,118,500	2,118,500	2,118,500	2,118,500	8,974,000	11,803,962
Land	13,828,814	Volusia County CIP	Section H - 10		0	0	0	13,828,814
Total Expenditures:	16,658,776	1,274,750	2,118,500	2,118,500	2,118,500	2,118,500	9,748,750	26,407,526

COUNTY OF VOLUSIA
Public Boat Ramp Channel Dredging

Department: Public Works

Location: Ponce Inlet

CIP Category: Coastal

Account Number: 114-150-2000

Description/Justification for Capital and Operating

The public boat ramp located in the Town of Ponce Inlet is an important coastal access facility for boaters and fishermen residing in Daytona Beach Shores, Wilbur-by-the-Sea and Ponce Inlet. The ramp facility is cooperatively managed and maintained by the town and county. The access channel leading to the ramp suffers from chronic shoaling that results in unsafe and unreliable navigation. A channel dredging initiative has been directed in response. Funding to support engineering, design, permitting and dredging work is available from the coastal division Inlet and Port District fund.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Ponce Inlet and Port District Fund	0	290,000	0	0	0	0	290,000	290,000
Total Revenues:	0	290,000	0	0	0	0	290,000	290,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	0	290,000	0	0	0	0	290,000	290,000
Total Expenditures:	0	290,000	0	0	0	0	290,000	290,000

COUNTY OF VOLUSIA**Smyrna Dunes Boardwalk Reconstruction**

Department: Public Works

Location: New Smyrna Beach

CIP Category: Coastal

Account Number: 313-930-6606

Description/Justification for Capital and Operating

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

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Ponce Inlet and Port District Fund	19,913	1,319,993	2,127,500	0	0	0	3,447,493	3,467,406
Volusia ECHO	400,000	0	0	0	0	0	0	400,000
Total Revenues:	419,913	1,319,993	2,127,500	0	0	0	3,447,493	3,867,406

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Design	19,913	175,200	0	0	0	0	175,200	195,113
Engineering	0	0	0	0	0	0	0	0
Improvements Other Than Buildings	0	1,144,793	2,127,500	400,000	0	0	3,672,293	3,672,293
Total Expenditures:	19,913	1,319,993	2,127,500	400,000	0	0	3,847,493	3,867,406

COUNTY OF VOLUSIA

Toronita Avenue Park and Wilbur Bike Trail

Department: Public Works

Location: Wilbur-by-the-Sea

CIP Category: Coastal

Account Number: 313-930-3211

Description/Justification for Capital and Operating

Toronita Avenue Park is an improved off-beach parking site located in the unincorporated community of Wilbur-by-the-Sea. The county acquired several parcels located adjacent and contiguous to the site. These parcels will allow overflow parking on major holiday weekends. A public restroom, bike hub, outdoor shower and landscaping have been completed.

Project design was completed by Bellomo-Herbert Company, Inc. Amended task assignment approved by county council on June 7, 2012.

An additional component of this project is a landscaped bike trail sidewalk. This feature will run the length of the Wilbur-by-the-Sea community connecting bike trails in Daytona Beach Shores and Ponce Inlet. The bike trail along Atlantic Avenue will include improvements to the city utilities in the right-of-way and improvements to the stormwater drainage system. Funding from the city of Port Orange, the County Transportation Trust, and the County Stormwater Utilities is included for those improvements.

Project Reference

ECHO 2009 Grant Award \$435,950

ECHO 2013 Grant Award \$604,185

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
City of Port Orange	693,153	0	0	0	0	0	0	693,153
County Transportation Trust	0	285,607	0	0	0	0	285,607	285,607
Ponce Inlet and Port District Fund	1,308,932	0	0	0	0	0	0	1,308,932
Stormwater Assessment	400,000	0	0	0	0	0	0	400,000
Volusia ECHO	604,185	435,950	0	0	0	0	435,950	1,040,135
Total Revenues:	3,006,270	721,557	0	0	0	0	721,557	3,727,827

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Other	693,153	0	0	0	0	0	0	693,153
Construction Projects	789,387	721,557	1,523,730	0	0	0	2,245,287	3,034,674
Design	0	0	0	0	0	0	0	0
Improvements Other Than Buildings	0	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0
Total Expenditures:	1,482,540	721,557	1,523,730	0	0	0	2,245,287	3,727,827

COUNTY OF VOLUSIA

Public Works - General Government

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
Public Works Service Center	0	19,000,000	0	0	0	0	19,000,000
TOTAL EXPENDITURES	0	19,000,000	0	0	0	0	19,000,000

REVENUE SOURCE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
County Transportation Trust	0	15,000,000	0	0	0	0	15,000,000
E Volusia Mosquito Control	0	2,000,000	0	0	0	0	2,000,000
Stormwater Assessment	0	2,000,000	0	0	0	0	2,000,000
TOTAL REVENUES	0	19,000,000	0	0	0	0	19,000,000

— This page intentionally blank —



COUNTY OF VOLUSIA

Public Works Service Center

Department: Public Works

Location:

CIP Category: General Government

Account Number: 365-930-7000

Description/Justification for Capital and Operating

The scope of this project is to site and construct a facility to consolidate Road & Bridge, Traffic Engineering, Stormwater, and Mosquito Control Operation into a structurally secure facility. Because of economies of scale, operational savings are forecasted because of centralization of personnel, equipment and administrative support. The facility will be designed to withstand hurricane force winds, to protect personnel staged for post-hurricane response. The three current east side facilities are all in the Cat 3-5 tidal surge zone and would be moved to this new facility. Public Works is exploring a model that would have one central county location with smaller strategically placed secured yards to stage crews closer to routine work.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
County Transportation Trust	0	15,000,000	0	0	0	0	15,000,000	15,000,000
E Volusia Mosquito Control	0	2,000,000	0	0	0	0	2,000,000	2,000,000
Stormwater Assessment	0	2,000,000	0	0	0	0	2,000,000	2,000,000
Total Revenues:	0	19,000,000	0	0	0	0	19,000,000	19,000,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	14,717,000	0	0	0	0	14,717,000	14,717,000
Design	0	1,500,000	0	0	0	0	1,500,000	1,500,000
Land	0	2,783,000	0	0	0	0	2,783,000	2,783,000
Total Expenditures:	0	19,000,000	0	0	0	0	19,000,000	19,000,000

— This page intentionally blank —



COUNTY OF VOLUSIA

Public Works - Potable Water

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
Alternative Water Sources and Water Supply	0	1,350,000	500,000	500,000	500,000	500,000	3,350,000
Fort Florida Road Water Main	0	100,000	0	0	0	0	100,000
Future Capital Projects-Water	0	0	470,000	1,000,000	0	1,000,000	2,470,000
Operations & Maintenance Capital Improvements	0	375,000	825,000	450,000	605,000	605,000	2,860,000
SW2 Water Quality Improvement	0	1,000,000	0	0	0	0	1,000,000
Wellfield Development	0	0	0	800,000	1,150,000	0	1,950,000
TOTAL EXPENDITURES	0	2,825,000	1,795,000	2,750,000	2,255,000	2,105,000	11,730,000

REVENUE SOURCE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
Capital Project Carryover	0	600,000	0	0	0	0	600,000
Water Sewer Utilities	0	2,225,000	1,795,000	2,750,000	2,255,000	2,105,000	11,130,000
TOTAL REVENUES	0	2,825,000	1,795,000	2,750,000	2,255,000	2,105,000	11,730,000

— This page intentionally blank —



COUNTY OF VOLUSIA

Alternative Water Sources and Water Supply

Department: Public Works

Location: County-wide

CIP Category: Potable Water

Account Number: 457-780-4780

Description/Justification for Capital and Operating

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

By the end of fiscal year 2014-15, the County along with its West Volusia city partners, will commence construction on a \$5.8 million project which will interconnect the reclaimed water supplies among the suppliers in order to provide an ample supply and efficient use of alternative water for irrigation and agricultural purposes. The project is partially funded by a 40% cost share grant from the SJRWMD. The remaining portion will be funded among the local utilities, with the County's contribution approximately \$600,000. Completion of this project is expected within one year of commencement.

In fiscal year 2015-16, the County will seek cost share funding from the SJRWMD in order to develop test well sites and eventual water production wells on County owned property, located outside of the springshed boundaries of Volusia Blue Spring.

Project Reference

Southwest Reclaimed system expansion and the Southwest Reclaimed Interconnect with Sanford are both Alternative Water Supply projects

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Capital Project Carryover	0	600,000	0	0	0	0	600,000	600,000
Water Sewer Utilities	0	750,000	500,000	500,000	500,000	500,000	2,750,000	2,750,000
Total Revenues:	0	1,350,000	500,000	500,000	500,000	500,000	3,350,000	3,350,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Other	0	900,000	500,000	500,000	500,000	500,000	2,900,000	2,900,000
Engineering	0	450,000	0	0	0	0	450,000	450,000
Total Expenditures:	0	1,350,000	500,000	500,000	500,000	500,000	3,350,000	3,350,000

COUNTY OF VOLUSIA
Fort Florida Road Water Main

Department: Public Works

Location: Westside

CIP Category: Potable Water

Account Number: 457-780-4998

Description/Justification for Capital and Operating

Cost participation for developer installed 2,800 ft water main along Fort Florida Road. County will participate in costs to upsize the water main from 8-inch to 12-inch for the purpose of meeting future expected demand in the area.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Water Sewer Utilities	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 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Other	0	100,000	0	0	0	0	100,000	100,000
Total Expenditures:	0	100,000	0	0	0	0	100,000	100,000

COUNTY OF VOLUSIA
Future Capital Projects-Water

Department: Public Works

Location: County-wide

CIP Category: Potable Water

Account Number: 457-780-9999

Description/Justification for Capital and Operating

Future Capital Projects (Water Treatment and Supply)

Fiscal year 2016-17 Potable Water Interconnect @ 472 Engineering \$120,000

Fiscal year 2016-17 Halifax Reverse Osmosis Skid Upgrade \$350,000

Fiscal year 2017-18 Potable Water Interconnect @ 472 Construction \$1,000,000

Fiscal year 2019-20 Halifax Ground Storage Tank Engineering and Construction \$1,000,000

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Water Sewer Utilities	0	0	470,000	1,000,000	0	1,000,000	2,470,000	2,470,000
Total Revenues:	0	0	470,000	1,000,000	0	1,000,000	2,470,000	2,470,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Other	0	0	350,000	1,000,000	0	900,000	2,250,000	2,250,000
Engineering	0	0	120,000	0	0	100,000	220,000	220,000
Total Expenditures:	0	0	470,000	1,000,000	0	1,000,000	2,470,000	2,470,000

COUNTY OF VOLUSIA**Operations & Maintenance Capital Improvements**

Department: Public Works

Location: Various

CIP Category: Potable Water

Account Number: 457-780-4100

Description/Justification for Capital and Operating

Fiscal year 2015-16

\$130,000 Rehab of three wells per year

\$200,000 Water main upgrades

\$ 45,000 Inflow/Infiltration - pipe slip lining

Fiscal year 2016-17

\$130,000 Rehab of three wells per year

\$100,000 Upgrade of Data Flow Pump Control Units (PCUs) to Telemetry Control Units (TCUs)

\$300,000 Halifax - sandblast and repair tanks

\$200,000 Inflow/Infiltration - pipe slip lining

\$ 65,000 Wet well lining

\$ 30,000 Four Townes - well chemical building

Fiscal year 2017-18

\$130,000 Rehab of three wells per year

\$120,000 Glen Abbey - replace ground storage tank (GST) aerators

\$200,000 Inflow/Infiltration - pipe slip lining

Fiscal year 2018-19

\$130,000 Rehab of three wells per year

\$200,000 Water main upgrades

\$200,000 Inflow/Infiltration - pipe slip lining

\$ 75,000 Roof replacement at Deltona North (SW2) and Halifax

Fiscal year 2019-20

\$130,000 Rehab of three wells per year

\$200,000 Water main upgrades

\$200,000 Inflow/Infiltration - pipe slip lining

\$ 75,000 Wet well lining

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Water Sewer Utilities	0	375,000	825,000	450,000	605,000	605,000	2,860,000	2,860,000
Total Revenues:	0	375,000	825,000	450,000	605,000	605,000	2,860,000	2,860,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Engineering	0	0	0	0	0	0	0	0
Improvements Other Than Buildings	0	375,000	825,000	450,000	605,000	605,000	2,860,000	2,860,000
Total Expenditures:	0	375,000	825,000	450,000	605,000	605,000	2,860,000	2,860,000

COUNTY OF VOLUSIA
SW2 Water Quality Improvement

Department: Public Works

Location: Westside

CIP Category: Potable Water

Account Number: 457-780-4480

Description/Justification for Capital and Operating

To ensure compliance with regulatory requirements resulting from changes in potable water quality monitoring standards.

Planned improvements will result in the reduction of certain disinfectant by-products and achievement of newer water quality standards.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Water Sewer Utilities	0	1,000,000	0	0	0	0	1,000,000	1,000,000
Total Revenues:	0	1,000,000	0	0	0	0	1,000,000	1,000,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Other	0	1,000,000	0	0	0	0	1,000,000	1,000,000
Total Expenditures:	0	1,000,000	0	0	0	0	1,000,000	1,000,000

COUNTY OF VOLUSIA
Wellfield Development

Department: Public Works

Location: NorthEast

CIP Category: Potable Water

Account Number: 457-780-4260

Description/Justification for Capital and Operating

This project calls for the construction of new production wells in order to provide additional potable water supply necessary to meet anticipated development and increased customer demand in the Halifax Plantation Service Area. Wellfield development may be pursued jointly with Flagler County to meet a regional need in northeast Volusia and southeast Flagler Counties.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Water Sewer Utilities	0	0	0	800,000	1,150,000	0	1,950,000	1,950,000
Total Revenues:	0	0	0	800,000	1,150,000	0	1,950,000	1,950,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Other	0	0	0	800,000	1,150,000	0	1,950,000	1,950,000
Engineering	0	0	0	0	0	0	0	0
Total Expenditures:	0	0	0	800,000	1,150,000	0	1,950,000	1,950,000

COUNTY OF VOLUSIA

Public Works - Road Program

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
Advanced Permits & Engineering	1,266,839	500,000	500,000	500,000	500,000	500,000	3,766,839
Advanced Right of Way Acquisition	442,014	500,000	500,000	500,000	500,000	500,000	2,942,014
Bridge Repair Program	2,913,764	250,000	250,000	250,000	250,000	250,000	4,163,764
Countywide Safety Projects	3,117,218	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	8,117,218
Howland Blvd - Courtland Blvd to SR415	0	3,500,000	0	0	0	0	3,500,000
LPGA - Jimmy Ann to Derbyshire Rd	153,449	3,429,474	0	0	0	0	3,582,923
Orange Camp Rd - MLK Blvd to I-4	195,282	4,250,000	0	0	0	0	4,445,282
Pioneer Trail at Turnbull Bay Road	0	1,422,000	0	0	0	0	1,422,000
South Williamson Boulevard Extension	800,000	15,000,000	0	0	0	0	15,800,000
Tenth St - Myrtle Ave to US 1	653,968	7,800,000	0	0	0	0	8,453,968
Traffic Signal Upgrade	1,827,929	600,000	200,000	200,000	200,000	200,000	3,227,929
Turnbull Bay Road Bridge Replacement over Turnbull Creek	486,637	3,789,000	0	0	0	0	4,275,637
Veterans Memorial Bridge (Orange Ave) over Halifax River	0	44,142,950	0	0	0	0	44,142,950
TOTAL EXPENDITURES	11,857,100	86,183,424	2,450,000	2,450,000	2,450,000	2,450,000	107,840,524

REVENUE SOURCE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
Bond Funded Road Program	953,619	12,083,737	0	0	0	0	13,037,356
City of Port Orange	0	500,000	0	0	0	0	500,000
Federal Funds	486,637	48,984,950	0	0	0	0	49,471,587
Gas Tax-Local Option	10,367,764	11,850,000	2,450,000	2,450,000	2,450,000	2,450,000	32,017,764
Road Impact Fees Z4/NW	49,080	0	0	0	0	0	49,080
State Grant	0	12,764,737	0	0	0	0	12,764,737
TOTAL REVENUES	11,857,100	86,183,424	2,450,000	2,450,000	2,450,000	2,450,000	107,840,524

— This page intentionally blank —



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 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Gas Tax-Local Option	1,266,839	500,000	500,000	500,000	500,000	500,000	2,500,000	3,766,839
Total Revenues:	1,266,839	500,000	500,000	500,000	500,000	500,000	2,500,000	3,766,839

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Engineering	1,266,839	500,000	500,000	500,000	500,000	500,000	2,500,000	3,766,839
Total Expenditures:	1,266,839	500,000	500,000	500,000	500,000	500,000	2,500,000	3,766,839

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 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Gas Tax-Local Option	442,014	500,000	500,000	500,000	500,000	500,000	2,500,000	2,942,014
Total Revenues:	442,014	500,000	500,000	500,000	500,000	500,000	2,500,000	2,942,014

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Right of Way	442,014	500,000	500,000	500,000	500,000	500,000	2,500,000	2,942,014
Total Expenditures:	442,014	500,000	500,000	500,000	500,000	500,000	2,500,000	2,942,014

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 (3) 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 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Gas Tax-Local Option	2,913,764	250,000	250,000	250,000	250,000	250,000	1,250,000	4,163,764
Total Revenues:	2,913,764	250,000	250,000	250,000	250,000	250,000	1,250,000	4,163,764

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	2,483,608	200,000	200,000	200,000	200,000	200,000	1,000,000	3,483,608
Engineering	430,156	50,000	50,000	50,000	50,000	50,000	250,000	680,156
Total Expenditures:	2,913,764	250,000	250,000	250,000	250,000	250,000	1,250,000	4,163,764

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 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Gas Tax-Local Option	3,117,218	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000	8,117,218
Total Revenues:	3,117,218	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000	8,117,218

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	3,117,218	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000	8,117,218
Total Expenditures:	3,117,218	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000	8,117,218

COUNTY OF VOLUSIA
Howland Blvd - Courtland Blvd to SR415

Department: Public Works

Location: Deltona

CIP Category: Road Program

Account Number: 334-710-8619

Description/Justification for Capital and Operating

Widening of Howland Boulevard in Deltona. The widening consists of total reconstruction of the existing two lanes roadway to four lanes with a raised grassed median, curbs and gutters and sidewalks on each side, a distance of 2.1 miles. This project is funded by a Transportation Regional Incentive Program (TRIP) state grant \$5,879,554, with local match of \$4,235,554 from the Bond Funded Road Program and inkind \$1,644,039 from Gas Tax funds. Under conditions of the TRIP grant, Florida Department of Transportation (FDOT) will reimburse the county 50 percent of eligible project costs up to \$5,879,554. Projects costs may include construction, eligible in-kind services for design, right-of-way acquisition and construction inspection. Prior year expenses for the project have been incurred in the Bonded Road Program funds prior to award of the grant.

Project Reference

On April 18, 2013, County Council approved the grant agreement, and it was awarded on May 3, 2013. The contract number is AR054 and the award amount \$5,879,554.

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Bond Funded Road Program	0	0	0	0	0	0	0	0
Gas Tax-Local Option	0	0	0	0	0	0	0	0
State Grant	0	3,500,000	0	0	0	0	3,500,000	3,500,000
Total Revenues:	0	3,500,000	0	0	0	0	3,500,000	3,500,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	0	3,500,000	0	0	0	0	3,500,000	3,500,000
Total Expenditures:	0	3,500,000	0	0	0	0	3,500,000	3,500,000

COUNTY OF VOLUSIA
LPGA - Jimmy Ann to Derbyshire Rd

Department: Public Works

Location: Daytona Beach

CIP Category: Road Program

Account Number: 334-710-8102

Description/Justification for Capital and Operating

This is Phase II of the LPGA widening project which is a 4 lane project from Jimmy Ann Drive to east of Derbyshire Road, a distance of 0.5 miles. The Phase from Derbyshire Road to Nova Road was completed in FY2010-11. This project includes \$212,788 (746-710-8102) in County Incentive Grant Program (CIGP) Funds and \$751,949 (759-710-8102) in Transportation Regional Incentive (TRIP) funds from a FDOT grant. The grants require a dollar for dollar local match, the total \$964,737 required for the local match is from the Gas Tax Bond Fund (334-710-8102). Additional funding of \$1,500,000 from the Gas Tax Bond Fund will be used to complete the project.

Project Reference

On February 20, 2014, County Council approved the grant agreement for the County Incentive Grant Program (CIGP), and it was awarded on March 10, 2014. The contract # is ARC50 and the award amount is \$212,788.

On February 20, 2014, County Council approved the grant agreement for the Transportation Regional Incentive Program (TRIP) and it was awarded on March 10, 2014. The contract # is ARC50 and the award amount \$751,949.

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Bond Funded Road Program	153,449	2,464,737	0	0	0	0	2,464,737	2,618,186
State Grant	0	964,737	0	0	0	0	964,737	964,737
Total Revenues:	153,449	3,429,474	0	0	0	0	3,429,474	3,582,923

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	131,012	3,429,474	0	0	0	0	3,429,474	3,560,486
Right of Way	22,437	0	0	0	0	0	0	22,437
Total Expenditures:	153,449	3,429,474	0	0	0	0	3,429,474	3,582,923

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. This project is funded with bond funds in account 334-710-8906.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Bond Funded Road Program	146,202	4,250,000	0	0	0	0	4,250,000	4,396,202
Road Impact Fees Z4/NW	49,080	0	0	0	0	0	0	49,080
Total Revenues:	195,282	4,250,000	0	0	0	0	4,250,000	4,445,282

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	146,202	4,250,000	0	0	0	0	4,250,000	4,396,202
Engineering	49,080	0	0	0	0	0	0	49,080
Total Expenditures:	195,282	4,250,000	0	0	0	0	4,250,000	4,445,282

COUNTY OF VOLUSIA
Pioneer Trail at Turnbull Bay Road

Department: Public Works

Location: New Smyrna Beach

CIP Category: Road Program

Account Number: 745-710-1048

Description/Justification for Capital and Operating

Right of way acquisition and construction of a safety project to realign the curve on Pioneer Trail at the intersection of Turnbull Bay Road. Florida Department of Transportation (FDOT) has supported the project with the award of two grants of federal Highway Safety Program funds through state Local Agency Program (LAP) agreements. The County is using local option gas tax funds to provide the local match for the grants. Right of way costs were estimated at \$550,000, with \$503,307 in grant funds and a local match of \$49,693. The right of way grant is closed. The cost for construction, engineering and inspections (CEI) was estimated at \$1,422,000, with \$1,053,000 in grant funds and a local match of \$369,000.

Project Reference

On February 20, 2014 the County Council approved the grant agreement for construction and it was awarded on March 26, 2014. The contract # is ARC99 and the award amount \$1,053,000.

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Bond Funded Road Program	0	369,000	0	0	0	0	369,000	369,000
Federal Funds	0	1,053,000	0	0	0	0	1,053,000	1,053,000
Total Revenues:	0	1,422,000	0	0	0	0	1,422,000	1,422,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	0	1,422,000	0	0	0	0	1,422,000	1,422,000
Right of Way	0	0	0	0	0	0	0	0
Total Expenditures:	0	1,422,000	0	0	0	0	1,422,000	1,422,000

COUNTY OF VOLUSIA
South Williamson Boulevard Extension

Department: Public Works

Location: Port Orange

CIP Category: Road Program

Account Number: 794-710-8124

Description/Justification for Capital and Operating

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

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
City of Port Orange	0	500,000	0	0	0	0	500,000	500,000
Gas Tax-Local Option	800,000	9,000,000	0	0	0	0	9,000,000	9,800,000
State Grant	0	5,500,000	0	0	0	0	5,500,000	5,500,000
Total Revenues:	800,000	15,000,000	0	0	0	0	15,000,000	15,800,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	0	15,000,000	0	0	0	0	15,000,000	15,000,000
Design	800,000	0	0	0	0	0	0	800,000
Total Expenditures:	800,000	15,000,000	0	0	0	0	15,000,000	15,800,000

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. The county's adopted capital improvement program includes this project which is estimated to cost \$7.8 million. This \$2.8 million grant will supplement the \$5.0 million in county bond funds and allow the project to be constructed.

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.

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Bond Funded Road Program	653,968	5,000,000	0	0	0	0	5,000,000	5,653,968
State Grant	0	2,800,000	0	0	0	0	2,800,000	2,800,000
Total Revenues:	653,968	7,800,000	0	0	0	0	7,800,000	8,453,968

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	653,968	7,800,000	0	0	0	0	7,800,000	8,453,968
Total Expenditures:	653,968	7,800,000	0	0	0	0	7,800,000	8,453,968

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 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Gas Tax-Local Option	1,827,929	600,000	200,000	200,000	200,000	200,000	1,400,000	3,227,929
Total Revenues:	1,827,929	600,000	200,000	200,000	200,000	200,000	1,400,000	3,227,929

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	1,827,929	600,000	200,000	200,000	200,000	200,000	1,400,000	3,227,929
Total Expenditures:	1,827,929	600,000	200,000	200,000	200,000	200,000	1,400,000	3,227,929

COUNTY OF VOLUSIA**Turnbull Bay Road Bridge Replacement over Turnbull Creek**

Department: Public Works

Location: New Smyrna Beach

CIP Category: Road Program

Account Number: 745-710-1049

Description/Justification for Capital and Operating

Replace bridge on Turnbull Bay Road over Turnbull Creek, located 1.9 miles west of US 1 in New Smyrna Beach. The project length is approximately 1,180 feet long (including the proposed 220 foot long bridge). Florida Department of Transportation has awarded design in the amount of \$575,951 and Right of Way in the amount of \$467,000. The construction Local Agency Program agreement is set to go to council in October 2015 in the amount of \$3,789,000.

Project Reference

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

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

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Federal Funds	486,637	3,789,000	0	0	0	0	3,789,000	4,275,637
Total Revenues:	486,637	3,789,000	0	0	0	0	3,789,000	4,275,637

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	0	3,789,000	0	0	0	0	3,789,000	3,789,000
Design	483,018	0	0	0	0	0	0	483,018
Right of Way	3,619	0	0	0	0	0	0	3,619
Total Expenditures:	486,637	3,789,000	0	0	0	0	3,789,000	4,275,637

COUNTY OF VOLUSIA**Veterans Memorial Bridge (Orange Ave) over Halifax River**

Department: Public Works

Location: Daytona Beach

CIP Category: Road Program

Account Number: 745-710-1046

Description/Justification for Capital and Operating

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

Project Reference

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

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

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Federal Funds	0	44,142,950	0	0	0	0	44,142,950	44,142,950
Total Revenues:	0	44,142,950	0	0	0	0	44,142,950	44,142,950

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	0	44,142,950	0	0	0	0	44,142,950	44,142,950
Total Expenditures:	0	44,142,950	0	0	0	0	44,142,950	44,142,950

— This page intentionally blank —



COUNTY OF VOLUSIA

Public Works - Solid Waste

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
Class III Design Change	0	0	0	450,000	0	0	450,000
Landfill Closure	1,169,213	0	0	0	5,975,000	0	7,144,213
Landfill Gas Expansion/System Upgrades	6,525,177	950,000	650,000	50,000	350,000	50,000	8,575,177
North Cell Construction	0	0	100,000	5,850,000	0	0	5,950,000
Southeast Area Cell Design	19,479	300,000	200,000	0	300,000	400,000	1,219,479
Tomoka Farms Road Landfill (TFRL) Southwest Facility	77,228	2,058,973	0	0	0	0	2,136,201
Truck Scales	0	0	135,000	0	45,000	0	180,000
TOTAL EXPENDITURES	7,791,097	3,308,973	1,085,000	6,350,000	6,670,000	450,000	25,655,070

REVENUE SOURCE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
User Fees Solid Waste	7,791,097	3,308,973	1,085,000	6,350,000	6,670,000	450,000	25,655,070
TOTAL REVENUES	7,791,097	3,308,973	1,085,000	6,350,000	6,670,000	450,000	25,655,070

— This page intentionally blank —



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 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
User Fees Solid Waste	0	0	0	450,000	0	0	450,000	450,000
Total Revenues:	0	0	0	450,000	0	0	450,000	450,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	0	0	0	450,000	0	0	450,000	450,000
Total Expenditures:	0	0	0	450,000	0	0	450,000	450,000

COUNTY OF VOLUSIA

Landfill Closure

Department: Public Works

Location: Tomoka Landfill

CIP Category: Solid Waste

Account Number: 450-000-0000

Description/Justification for Capital and Operating

Funding for landfill closure of 28 acres at the north cell is necessary per regulatory and specific landfill closure permit requirements. Restricted closure reserve escrow account (450-2293) is required rather than operating fund account.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
User Fees Solid Waste	1,169,213	0	0	0	5,975,000	0	5,975,000	7,144,213
Total Revenues:	1,169,213	0	0	0	5,975,000	0	5,975,000	7,144,213

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Other	1,169,213	0	0	0	5,975,000	0	5,975,000	7,144,213
Total Expenditures:	1,169,213	0	0	0	5,975,000	0	5,975,000	7,144,213

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 for the north cell 10-acre expansion.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
User Fees Solid Waste	6,525,177	950,000	650,000	50,000	350,000	50,000	2,050,000	8,575,177
Total Revenues:	6,525,177	950,000	650,000	50,000	350,000	50,000	2,050,000	8,575,177

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	5,759,218	900,000	600,000	0	300,000	0	1,800,000	7,559,218
Engineering	765,959	50,000	50,000	50,000	50,000	50,000	250,000	1,015,959
Total Expenditures:	6,525,177	950,000	650,000	50,000	350,000	50,000	2,050,000	8,575,177

COUNTY OF VOLUSIA
North Cell Construction

Department: Public Works

Location: Tomoka Landfill

CIP Category: Solid Waste

Account Number: 450-760-5120

Description/Justification for Capital and Operating

Construction level engineering design for the remaining 10 acres of the North cell in fiscal year 2016-17. In fiscal year 2017-18, construction of the final 10 acres of the north cell to ensure future landfill capacity.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
User Fees Solid Waste	0	0	100,000	5,850,000	0	0	5,950,000	5,950,000
Total Revenues:	0	0	100,000	5,850,000	0	0	5,950,000	5,950,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	0	0	0	5,600,000	0	0	5,600,000	5,600,000
Engineering	0	0	100,000	250,000	0	0	350,000	350,000
Total Expenditures:	0	0	100,000	5,850,000	0	0	5,950,000	5,950,000

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 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
User Fees Solid Waste	19,479	300,000	200,000	0	300,000	400,000	1,200,000	1,219,479
Total Revenues:	19,479	300,000	200,000	0	300,000	400,000	1,200,000	1,219,479

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Engineering	19,479	300,000	200,000	0	300,000	400,000	1,200,000	1,219,479
Total Expenditures:	19,479	300,000	200,000	0	300,000	400,000	1,200,000	1,219,479

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 administrative building at the Tomoka Farms Road Landfill.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
User Fees Solid Waste	77,228	2,058,973	0	0	0	0	2,058,973	2,136,201
Total Revenues:	77,228	2,058,973	0	0	0	0	2,058,973	2,136,201

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	0	2,000,000	0	0	0	0	2,000,000	2,000,000
Engineering	77,228	58,973	0	0	0	0	58,973	136,201
Total Expenditures:	77,228	2,058,973	0	0	0	0	2,058,973	2,136,201

COUNTY OF VOLUSIA

Truck Scales

Department: Public Works

Location: Tomoka Landfill

CIP Category: Solid Waste

Account Number: 450-760-5000

Description/Justification for Capital and Operating

Funding for life-cycle replacement of scales.

Fiscal year 2016-17 replacement is for Tomoka Landfill

Fiscal year 2018-19 replacement is for West Side Transfer Station

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
User Fees Solid Waste	0	0	135,000	0	45,000	0	180,000	180,000
Total Revenues:	0	0	135,000	0	45,000	0	180,000	180,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Improvements Other Than Buildings	0	0	135,000	0	45,000	0	180,000	180,000
Total Expenditures:	0	0	135,000	0	45,000	0	180,000	180,000

— This page intentionally blank —



COUNTY OF VOLUSIA

Public Works - Stormwater - Water Quality

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
Gabordy Basin / Elizabeth Street Improvements	103,449	250,000	50,000	0	0	300,000	703,449
Gemini Springs	0	200,000	0	0	0	0	200,000
Land Acquisition	635,145	200,000	200,000	200,000	200,000	200,000	1,635,145
Little Haw Creek Basin Planning	0	0	0	0	250,000	0	250,000
Local Projects	4,581,970	650,000	600,000	300,000	300,000	600,000	7,031,970
Massachusetts/Voorhis Retention Pond	72,384	0	0	0	0	100,000	172,384
McGarity Basin Outfall Improvements	282,060	0	0	0	0	150,000	432,060
Mosquito Lagoon Reasonable Assurance Plan	0	170,000	320,000	400,000	0	0	890,000
N Peninsula SW Improvements	3,031,945	300,000	500,000	200,000	200,000	300,000	4,531,945
Rio Way Retention Pond	79,926	250,000	0	500,000	0	0	829,926
Spruce Creek Sub Basin/B-21 Improvements	0	0	0	0	0	200,000	200,000
St. Johns River Basin Planning and Management	0	0	250,000	0	150,000	170,000	570,000
TMDL Program Assessments Implementation	302,234	450,000	250,000	320,000	170,000	0	1,492,234
Tomoka View Estates	4,786	0	0	0	0	50,000	54,786
Volusia Retention Pond	0	100,000	100,000	100,000	0	100,000	400,000
Wilbur by the Sea Drainage Improvements	46,321	400,000	200,000	0	350,000	0	996,321
TOTAL EXPENDITURES	9,140,220	2,970,000	2,470,000	2,020,000	1,620,000	2,170,000	20,390,220

REVENUE SOURCE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
Stormwater Assessment	9,140,220	2,970,000	2,470,000	2,020,000	1,620,000	2,170,000	20,390,220
TOTAL REVENUES	9,140,220	2,970,000	2,470,000	2,020,000	1,620,000	2,170,000	20,390,220

— This page intentionally blank —



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 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Stormwater Assessment	103,449	250,000	50,000	0	0	300,000	600,000	703,449
Total Revenues:	103,449	250,000	50,000	0	0	300,000	600,000	703,449

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	0	200,000	0	0	0	300,000	500,000	500,000
Engineering	103,449	50,000	50,000	0	0	0	100,000	203,449
Total Expenditures:	103,449	250,000	50,000	0	0	300,000	600,000	703,449

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

The Gemini Springs Water Quality Improvement Project includes the evaluation of five stormwater outfalls to recommend treatment of the stormwater prior to discharge to Gemini Springs Park.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Stormwater Assessment	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 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	0	150,000	0	0	0	0	150,000	150,000
Engineering	0	50,000	0	0	0	0	50,000	50,000
Total Expenditures:	0	200,000	0	0	0	0	200,000	200,000

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 areas.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Stormwater Assessment	635,145	200,000	200,000	200,000	200,000	200,000	1,000,000	1,635,145
Total Revenues:	635,145	200,000	200,000	200,000	200,000	200,000	1,000,000	1,635,145

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Acquisition Costs	635,145	200,000	200,000	200,000	200,000	200,000	1,000,000	1,635,145
Total Expenditures:	635,145	200,000	200,000	200,000	200,000	200,000	1,000,000	1,635,145

COUNTY OF VOLUSIA
Little Haw Creek Basin Planning

Department: Public Works

Location: DeLand

CIP Category: Stormwater - Water Quality

Account Number: 159-751-2535

Description/Justification for Capital and Operating

Watershed planning, assessment and management is the foundation of a comprehensive stormwater program. Little Haw Creek is located in the lower St. John's River Basin. It begins in the DeLand area (Blue Lake) and flows north through unincorporated Volusia County. Major water bodies are Lake Dias, Lake Talmadge, Lake Daugherty, Lake Mamie and Lake Molly. The plan will evaluate water quality, document flood problem areas, perform storm event modeling and recommend capital improvements within the basin.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Stormwater Assessment	0	0	0	0	250,000	0	250,000	250,000
Total Revenues:	0	0	0	0	250,000	0	250,000	250,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Engineering	0	0	0	0	250,000	0	250,000	250,000
Total Expenditures:	0	0	0	0	250,000	0	250,000	250,000

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, pollution control devices (stormceptor/baffle boxes), and unforeseen contingencies as a result of failure during storm events.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Stormwater Assessment	4,581,970	650,000	600,000	300,000	300,000	600,000	2,450,000	7,031,970
Total Revenues:	4,581,970	650,000	600,000	300,000	300,000	600,000	2,450,000	7,031,970

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	4,581,970	650,000	600,000	300,000	300,000	600,000	2,450,000	7,031,970
Total Expenditures:	4,581,970	650,000	600,000	300,000	300,000	600,000	2,450,000	7,031,970

COUNTY OF VOLUSIA**Massachusetts/Voorhis Retention Pond**

Department: Public Works

Location: DeLand

CIP Category: Stormwater - Water Quality

Account Number: 159-751-3001

Description/Justification for Capital and Operating

Purchase and removal of existing flood prone home and the construction of retention pond. The pond will provide flood protection for the Voorhis area and provide stormwater quality improvements.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Stormwater Assessment	72,384	0	0	0	0	100,000	100,000	172,384
Total Revenues:	72,384	0	0	0	0	100,000	100,000	172,384

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	72,384	0	0	0	0	100,000	100,000	172,384
Total Expenditures:	72,384	0	0	0	0	100,000	100,000	172,384

COUNTY OF VOLUSIA
McGarity Basin Outfall Improvements

Department: Public Works

Location: Deltona

CIP Category: Stormwater - Water Quality

Account Number: 159-751-2490

Description/Justification for Capital and Operating

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

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Stormwater Assessment	282,060	0	0	0	0	150,000	150,000	432,060
Total Revenues:	282,060	0	0	0	0	150,000	150,000	432,060

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	282,060	0	0	0	0	100,000	100,000	382,060
Engineering	0	0	0	0	0	50,000	50,000	50,000
Total Expenditures:	282,060	0	0	0	0	150,000	150,000	432,060

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 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Stormwater Assessment	0	170,000	320,000	400,000	0	0	890,000	890,000
Total Revenues:	0	170,000	320,000	400,000	0	0	890,000	890,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	0	120,000	270,000	300,000	0	0	690,000	690,000
Engineering	0	50,000	50,000	100,000	0	0	200,000	200,000
Total Expenditures:	0	170,000	320,000	400,000	0	0	890,000	890,000

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 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Stormwater Assessment	3,031,945	300,000	500,000	200,000	200,000	300,000	1,500,000	4,531,945
Total Revenues:	3,031,945	300,000	500,000	200,000	200,000	300,000	1,500,000	4,531,945

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	3,031,945	300,000	500,000	200,000	200,000	300,000	1,500,000	4,531,945
Total Expenditures:	3,031,945	300,000	500,000	200,000	200,000	300,000	1,500,000	4,531,945

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

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Stormwater Assessment	79,926	250,000	0	500,000	0	0	750,000	829,926
Total Revenues:	79,926	250,000	0	500,000	0	0	750,000	829,926

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	0	200,000	0	500,000	0	0	700,000	700,000
Engineering	79,926	50,000	0	0	0	0	50,000	129,926
Total Expenditures:	79,926	250,000	0	500,000	0	0	750,000	829,926

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 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Stormwater Assessment	0	0	0	0	0	200,000	200,000	200,000
Total Revenues:	0	0	0	0	0	200,000	200,000	200,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	0	0	0	0	0	160,000	160,000	160,000
Engineering	0	0	0	0	0	40,000	40,000	40,000
Total Expenditures:	0	0	0	0	0	200,000	200,000	200,000

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.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Stormwater Assessment	0	0	250,000	0	150,000	170,000	570,000	570,000
Total Revenues:	0	0	250,000	0	150,000	170,000	570,000	570,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	0	0	0	0	100,000	120,000	220,000	220,000
Engineering	0	0	250,000	0	50,000	50,000	350,000	350,000
Total Expenditures:	0	0	250,000	0	150,000	170,000	570,000	570,000

COUNTY OF VOLUSIA

TMDL Program Assessments Implementation

Department: Public Works

Location: Various - To Be Determined

CIP Category: Stormwater - Water Quality

Account Number: 159-751-2500

Description/Justification for Capital and Operating

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

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Stormwater Assessment	302,234	450,000	250,000	320,000	170,000	0	1,190,000	1,492,234
Total Revenues:	302,234	450,000	250,000	320,000	170,000	0	1,190,000	1,492,234

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	0	400,000	200,000	250,000	120,000	0	970,000	970,000
Engineering	302,234	50,000	50,000	70,000	50,000	0	220,000	522,234
Total Expenditures:	302,234	450,000	250,000	320,000	170,000	0	1,190,000	1,492,234

COUNTY OF VOLUSIA
Tomoka View Estates

Department: Public Works

Location: Ormond Beach

CIP Category: Stormwater - Water Quality

Account Number: 159-751-2550

Description/Justification for Capital and Operating

Older subdivisions typically have deteriorating drainage infrastructure, areas of flooding and limited stormwater quality treatment facilities that may be adjacent to an Outstanding Florida Water (Tomoka River). Previous projects include the construction of a retention pond and the replacement of deteriorated storm drainage piping. Future projects include additional infrastructure replacement.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Stormwater Assessment	4,786	0	0	0	0	50,000	50,000	54,786
Total Revenues:	4,786	0	0	0	0	50,000	50,000	54,786

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	4,786	0	0	0	0	50,000	50,000	54,786
Total Expenditures:	4,786	0	0	0	0	50,000	50,000	54,786

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 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Stormwater Assessment	0	100,000	100,000	100,000	0	100,000	400,000	400,000
Total Revenues:	0	100,000	100,000	100,000	0	100,000	400,000	400,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	0	100,000	100,000	100,000	0	100,000	400,000	400,000
Total Expenditures:	0	100,000	100,000	100,000	0	100,000	400,000	400,000

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 and stormwater piping and the installation of a stormwater quality treatment facility.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Stormwater Assessment	46,321	400,000	200,000	0	350,000	0	950,000	996,321
Total Revenues:	46,321	400,000	200,000	0	350,000	0	950,000	996,321

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Projects	0	400,000	200,000	0	350,000	0	950,000	950,000
Engineering	46,321	0	0	0	0	0	0	46,321
Total Expenditures:	46,321	400,000	200,000	0	350,000	0	950,000	996,321

COUNTY OF VOLUSIA

Public Works - Wastewater Treatment

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
Collection Systems Rehab Program	0	325,000	200,000	325,000	325,000	325,000	1,500,000
Effluent Disposal Pond	0	0	0	500,000	100,000	900,000	1,500,000
Future Capital Projects-Wastewater	0	0	600,000	800,000	1,000,000	750,000	3,150,000
Halifax Wastewater Treatment Plant Expansion	0	0	0	0	4,500,000	0	4,500,000
Northwest Wastewater System Improvements	0	0	0	0	0	350,000	350,000
Reclaimed Water Main Extensions	0	0	0	0	150,000	1,000,000	1,150,000
Southwest Biosolids Dewatering Facilities Upgrade	0	0	3,400,000	0	0	0	3,400,000
Southwest Nutrient Reduction/Expansion	0	8,250,000	0	0	0	0	8,250,000
TOTAL EXPENDITURES	0	8,575,000	4,200,000	1,625,000	6,075,000	3,325,000	23,800,000

REVENUE SOURCE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
Capital Project Carryover	0	0	0	0	0	0	0
State Revolving Fund Loan	0	0	3,400,000	0	4,500,000	0	7,900,000
St John's River Water Management District	0	5,527,500	0	0	0	0	5,527,500
Water Sewer Utilities	0	3,047,500	800,000	1,625,000	1,575,000	3,325,000	10,372,500
TOTAL REVENUES	0	8,575,000	4,200,000	1,625,000	6,075,000	3,325,000	23,800,000

— This page intentionally blank —



COUNTY OF VOLUSIA

Collection Systems Rehab Program

Department: Public Works

Location: County-wide

CIP Category: Wastewater Treatment

Account Number: 457-780-5558

Description/Justification for Capital and Operating

Initiated in fiscal year 2013-14, this capital program assures the continual replacement and upgrade of the 109 current lift station facilities throughout all the County's service areas. Effective asset management principles are utilized to determine equipment age and condition, and assess potential risk of equipment failure.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Capital Project Carryover	0	0	0	0	0	0	0	0
Water Sewer Utilities	0	325,000	200,000	325,000	325,000	325,000	1,500,000	1,500,000
Total Revenues:	0	325,000	200,000	325,000	325,000	325,000	1,500,000	1,500,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Other	0	325,000	0	325,000	325,000	325,000	1,300,000	1,300,000
Engineering	0	0	200,000	0	0	0	200,000	200,000
Total Expenditures:	0	325,000	200,000	325,000	325,000	325,000	1,500,000	1,500,000

COUNTY OF VOLUSIA
Effluent Disposal Pond

Department: Public Works

Location: Southwest

CIP Category: Wastewater Treatment

Account Number: 457-780-5095

Description/Justification for Capital and Operating

Expansion of effluent disposal capacity for the Deltona North and Southwest service areas. This project involves the purchase of land for future effluent disposal ponds in fiscal year 2016-17 and construction of up to three ponds in fiscal year 2018-19.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Water Sewer Utilities	0	0	0	500,000	100,000	900,000	1,500,000	1,500,000
Total Revenues:	0	0	0	500,000	100,000	900,000	1,500,000	1,500,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Other	0	0	0	0	0	900,000	900,000	900,000
Engineering	0	0	0	0	100,000	0	100,000	100,000
Land	0	0	0	500,000	0	0	500,000	500,000
Total Expenditures:	0	0	0	500,000	100,000	900,000	1,500,000	1,500,000

COUNTY OF VOLUSIA
Future Capital Projects-Wastewater

Department: Public Works

Location: Countywide

CIP Category: Wastewater Treatment

Account Number: 457-780-9999

Description/Justification for Capital and Operating

Fiscal year 2016-17 Design/Engineering for Effluent Disposal Infrastructure Modification \$100,000

Fiscal year 2016-17 Design and Construction for SW2 Clarifier \$500,000

Fiscal year 2017-18 Construction for Effluent Disposal Infrastructure Modification \$800,000

Fiscal year 2018-19 SW2 Wastewater Treatment Plant Automatic Bar Screen \$500,000; Southeast Wastewater Treatment Plant Automatic Bar Screen Structure \$500,000

Fiscal year 2019-20 Southeast Wastewater Treatment Plant Clarifier Rehab \$250,000; SW Reclaimed Main Transmission Improvements \$500,000

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Water Sewer Utilities	0	0	600,000	800,000	1,000,000	750,000	3,150,000	3,150,000
Total Revenues:	0	0	600,000	800,000	1,000,000	750,000	3,150,000	3,150,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Other	0	0	400,000	800,000	800,000	750,000	2,750,000	2,750,000
Engineering	0	0	200,000	0	200,000	0	400,000	400,000
Total Expenditures:	0	0	600,000	800,000	1,000,000	750,000	3,150,000	3,150,000

COUNTY OF VOLUSIA**Halifax Wastewater Treatment Plant Expansion**

Department: Public Works

Location: Northeast

CIP Category: Wastewater Treatment

Account Number: 457-780-5160

Description/Justification for Capital and Operating

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

This project will be funded through the State Revolving Fund Loan, paid by operating revenues over 20 years.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
State Revolving Fund Loan	0	0	0	0	4,500,000	0	4,500,000	4,500,000
Total Revenues:	0	0	0	0	4,500,000	0	4,500,000	4,500,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Other	0	0	0	0	4,100,000	0	4,100,000	4,100,000
Engineering	0	0	0	0	400,000	0	400,000	400,000
Total Expenditures:	0	0	0	0	4,500,000	0	4,500,000	4,500,000

COUNTY OF VOLUSIA

Northwest Wastewater System Improvements

Department: Public Works

Location: Northwest

CIP Category: Wastewater Treatment

Account Number: 457-780-5135

Description/Justification for Capital and Operating

Project calls for an assessment of wastewater treatment facilities/collection systems and rehabilitation of infrastructure as required.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Water Sewer Utilities	0	0	0	0	0	350,000	350,000	350,000
Total Revenues:	0	0	0	0	0	350,000	350,000	350,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Other	0	0	0	0	0	350,000	350,000	350,000
Total Expenditures:	0	0	0	0	0	350,000	350,000	350,000

COUNTY OF VOLUSIA
Reclaimed Water Main Extensions

Department: Public Works

Location: Southwest

CIP Category: Wastewater Treatment

Account Number: 457-780-5570

Description/Justification for Capital and Operating

This project calls for the extension of reclaimed water mains to serve future developments in order to reduce potable water demand for irrigation purposes.

Project Reference

Sanford Interconnect

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Water Sewer Utilities	0	0	0	0	150,000	1,000,000	1,150,000	1,150,000
Total Revenues:	0	0	0	0	150,000	1,000,000	1,150,000	1,150,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Other	0	0	0	0	0	1,000,000	1,000,000	1,000,000
Engineering	0	0	0	0	150,000	0	150,000	150,000
Total Expenditures:	0	0	0	0	150,000	1,000,000	1,150,000	1,150,000

COUNTY OF VOLUSIA**Southwest Biosolids Dewatering Facilities Upgrade**

Department: Public Works

Location: Southwest

CIP Category: Wastewater Treatment

Account Number: 457-780-5242

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.

This project will be funded through State Revolving Fund (SRF) loan, paid by operating revenues over 20 years.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
State Revolving Fund Loan	0	0	3,400,000	0	0	0	3,400,000	3,400,000
Total Revenues:	0	0	3,400,000	0	0	0	3,400,000	3,400,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Other	0	0	3,400,000	0	0	0	3,400,000	3,400,000
Engineering	0	0	0	0	0	0	0	0
Total Expenditures:	0	0	3,400,000	0	0	0	3,400,000	3,400,000

COUNTY OF VOLUSIA**Southwest Nutrient Reduction/Expansion**

Department: Public Works

Location: Westside

CIP Category: Wastewater Treatment

Account Number: 457-780-5275

Description/Justification for Capital and Operating

In July 2014, FDEP adopted new water quality regulatory standards for the Blue Spring basin necessitating the County to reduce levels of biological nutrients and implement advanced wastewater treatment (AWT) processes at its Southwest Regional (SWR) Water Reclamation Facility.

This project consists of engineering design, permitting, and construction of new infrastructure and monitoring technology, including a 1.0 MGD expansion of capacity to accommodate the increased flow from the decommissioned Four Townes wastewater facility. Based on current flows, the SWR treatment facility will be able to produce an additional 222,000 gallons of reclaimed water per day. The added treatment capacity will enable the future conversion of more than 5,000 septic tanks within the spring shed.

The project's total estimated cost of \$8,250,000 will be funded 67% by a grant from the St. Johns River Water Management District, which includes a pass through of \$3,465,000 from the Florida Dept of Environmental Protection, and the local share of \$2,722,500.

Project Reference

Grant for cost share with the St. John's River Water Management District approved by Council on 12/03/2015. Grant funding total of \$5,527,500

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
St John's River Water Management District	0	5,527,500	0	0	0	0	5,527,500	5,527,500
Water Sewer Utilities	0	2,722,500	0	0	0	0	2,722,500	2,722,500
Total Revenues:	0	8,250,000	0	0	0	0	8,250,000	8,250,000

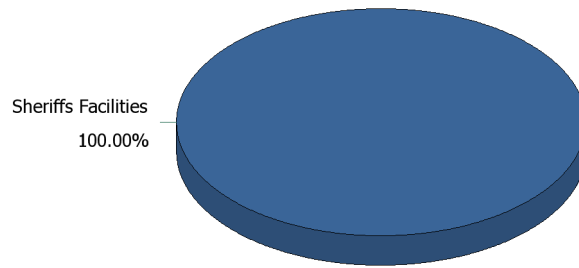
CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Construction Other	0	8,250,000	0	0	0	0	8,250,000	8,250,000
Total Expenditures:	0	8,250,000	0	0	0	0	8,250,000	8,250,000

COUNTY OF VOLUSIA

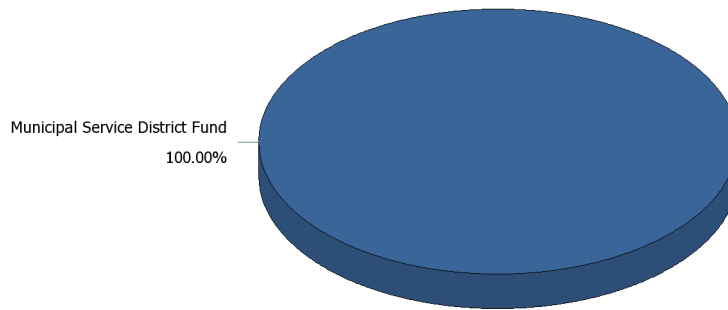
Sheriff

FY 2015-16 Expenditures



Division	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total
Sheriffs Facilities	0	1,500,000	12,000,000	0	3,400,000	0	16,900,000
Total Expenditures	0	1,500,000	12,000,000	0	3,400,000	0	16,900,000

FY 2015-16 Revenues



Revenue Source	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total
Municipal Service District Fund	0	1,500,000	0	0	0	0	1,500,000
To Be Determined	0	0	12,000,000	0	3,400,000	0	15,400,000
Total Revenues	0	1,500,000	12,000,000	0	3,400,000	0	16,900,000

— This page intentionally blank —



COUNTY OF VOLUSIA

Sheriff - Sheriffs Facilities

CAPITAL IMPROVEMENT EXPENDITURE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
Sheriff's District 2 Office	0	0	0	0	3,400,000	0	3,400,000
Sheriff's Evidence Facility and Forensics Lab	0	1,500,000	12,000,000	0	0	0	13,500,000
TOTAL EXPENDITURES	0	1,500,000	12,000,000	0	3,400,000	0	16,900,000

REVENUE SOURCE:

Project Title	Prior Years	FY 2015-16 Year 1	FY 2016-17 Year 2	FY 2017-18 Year 3	FY 2018-19 Year 4	FY 2019-20 Year 5	Total Amount
Municipal Service District Fund	0	1,500,000	0	0	0	0	1,500,000
To Be Determined	0	0	12,000,000	0	3,400,000	0	15,400,000
TOTAL REVENUES	0	1,500,000	12,000,000	0	3,400,000	0	16,900,000

— This page intentionally blank —



COUNTY OF VOLUSIA

Sheriff's District 2 Office

Department: Sheriff

Location: DeLand

CIP Category: Sheriffs Facilities

Account Number: 120-930-9999

Description/Justification for Capital and Operating

The Sheriff's District 2 Office is in leased space at a retail center, since the original office was destroyed by a tornado in 2007. The office is not compatible with the surrounding retail shops. Plans to relocate to a separate facility would provide appropriate space and security for law enforcement activities. This office serves unincorporated areas and would require a commitment of Municipal Services District (MSD) revenues. This project is part of the core services infrastructure plan presented to Council on May 21, 2015. A loan would need to be secured to commence construction. The debt service plan presented on November 5, 2015, included a projection of obtaining 10-year financing for the \$3,400,000 project cost, with annual estimated debt service of \$400,000.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
To Be Determined	0	0	0	0	3,400,000	0	3,400,000	3,400,000
Total Revenues:	0	0	0	0	3,400,000	0	3,400,000	3,400,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	0	0	0	3,060,000	0	3,060,000	3,060,000
Design	0	0	0	0	340,000	0	340,000	340,000
Total Expenditures:	0	0	0	0	3,400,000	0	3,400,000	3,400,000

COUNTY OF VOLUSIA

Sheriff's Evidence Facility and Forensics Lab

Department: Sheriff

Location:

CIP Category: Sheriffs Facilities

Account Number: 369-930-1452

Description/Justification for Capital and Operating

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

This project is part of the core services infrastructure plan presented to Council on May 21, 2015. The fiscal year 2015-16 budget includes an interfund transfer revenue from the MSD Fund of \$500,000 for the Forensics Lab and \$1.0 million for the Evidence Facility to begin design and engineering services. The total estimated project cost is \$13.5 million, with a total commitment of \$5.0 million from the General Fund and \$8.5 million from the MSD. A loan would need to be secured to commence construction. The debt service plan presented on November 5, 2015, projected obtaining 20-year financing for construction, with annual estimated debt service of \$850,000, \$490,500 for the MSD portion and \$359,500 for the General Fund portion.

Project Reference

None

REVENUE SOURCE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Municipal Service District Fund	0	1,500,000	0	0	0	0	1,500,000	1,500,000
To Be Determined	0	0	12,000,000	0	0	0	12,000,000	12,000,000
Total Revenues:	0	1,500,000	12,000,000	0	0	0	13,500,000	13,500,000

CAPITAL IMPROVEMENT EXPENDITURE:

Budget Object Name	Prior Years	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Total Years 1-5	Total Amount
Buildings and Structures	0	150,000	12,000,000	0	0	0	12,150,000	12,150,000
Design	0	1,350,000	0	0	0	0	1,350,000	1,350,000
Total Expenditures:	0	1,500,000	12,000,000	0	0	0	13,500,000	13,500,000