

**CENTRAL
FLORIDA
EXPRESSWAY
AUTHORITY**

Five-Year Work Plan FY 2017 - FY 2021

May 12, 2016

Five-Year Work Plan FY 2017 - FY 2021

May 12, 2016

Prepared for:
CENTRAL FLORIDA EXPRESSWAY AUTHORITY
4974 ORL Tower Road
Orlando, Florida 32807

Prepared by:
Atkins North America, Inc.
General Engineering Consultant
482 South Keller Road
Orlando, Florida 32810

EXECUTIVE SUMMARY

The Central Florida Expressway Authority's (CFX) FY 2017-2021 Five-Year Work Plan (Work Plan) was approved at the May 12, 2016 Board meeting and totals over \$1.3 billion.

CFX is authorized to build, operate and maintain a world-class mobility network in Central Florida, incorporating Lake, Orange, Osceola and Seminole counties. The Five-Year Work Plan is used by CFX to effectively manage its program of system improvements, enhancements and rehabilitation. The purpose of the Work Plan is to identify those projects which CFX anticipates funding during the next five years.

During the development process, a Draft Work Plan was prepared, reviewed and discussed among CFX staff. The FY 2017-2021 Work Plan is the first Work Plan developed from the 2040 Master Plan and is in tune with CFX's adopted vision and mission. Renewal & Replacement needs, as well as Intelligent Transportation Systems (ITS) needs were evaluated and included in the Draft Work Plan. A Financial analysis was then performed to determine the feasibility of the Draft Work Plan. The Draft Work Plan was presented to CFX's Board on April 14, 2016, followed by final approval at the May Board meeting.

The five different reports (Category Summary, Category Reports, Fund Summary, 2040 Master Plan Summary and Project Information Reports) developed in the Work Plan process are included. These reports are structured to summarize, communicate and document project information.

The major projects included in the FY 2017-2021 Work Plan are as follows:

Existing System Improvements

- SR 408 Widening from Good Homes Road to East of Hiawassee
- SR 408 Widening from SR 417 to Alafaya Trail
- SR 417 Widening from International Drive to Landstar Boulevard
- SR 417 Widening from Econlockhatchee Trail to the County Line
- SR 429 Widening from Florida's Turnpike to West Road
- SR 528 Widening from Narcoossee Road to SR 417
- SR 528 / SR 436 Bridge Deck Replacement

- SR 528 Econ River Bridge Replacement and Widening
- SR 417 / SR 528 Ramp Improvements
- SR 429 / CR 535 Ramp Improvements
- SR 417 / Curry Ford Road Ramp Improvements
- Multimodal / Intermodal Opportunity Studies

System Expansion Projects

- Wekiva Parkway
- SR 408 Eastern Extension PD&E
- Various Concept, Feasibility & Mobility Studies

Interchange Projects

- SR 408 / SR 417 Interchange (Phases I and II)
- SR 528 / Innovation Way Interchange
- SR 408 / I-4 Interchange
- SR 429 New Interchange Studies

Facilities Projects

- SR 528 Airport Toll Plaza Demolition

Technology Projects

- Toll Collection System Upgrade
- ITS Network Upgrade Phase II
- Wrong Way Driving Countermeasures
- Back Office E-PASS Re-Write

Renewal and Replacement Projects, including the following resurfacings:

- SR 408 from West SR 50 to I-4
- SR 408 from East of I-4 to SR 417
- SR 408 from Alafaya Trail to East SR 50
- SR 414 from SR 429 to US 441
- SR 417 from International Drive to Curry Ford Road
- SR 417 from SR 408 to SR 50
- SR 429 from Seidel Road to CR 535
- SR 528 from SR 436 to SR 520

Non-System Project

- Goldenrod Road Resurfacing from Lee Vista to Narcoossee Road

Table of Contents

Section	Title	Page
1	INTRODUCTION	1
1.1	Central Florida Expressway Authority System	1
1.2	Five Year Work Plan	2
1.3	Development Process	2
1.4	METROPLAN ORLANDO Coordination	3
1.5	Work Plan Reports	3
1.6	FY 17-21 Work Plan Totals	7
1.7	Major Projects in FY 17-21 Work Plan	7
2	CATEGORY SUMMARY	12
	Existing System Improvements Summary	13
	System Expansion Projects Summary	15
	Interchange Projects Summary	16
	Facilities Projects Summary	17
	Technology Projects Summary	18
	Signing and Pavement Markings Summary	19
	Renewal and Replacement Projects Summary	20
	Landscape Projects Summary	22
	Non-System Projects Summary	23
3	FUND SUMMARY	24
4	2040 MASTER PLAN SUMMARY	25
5	PROJECT INFORMATION	26

List of Figures

Figure	Title	Page
1	Existing System Map	2
2	Work Plan Process	3
3	Work Plan Funding Distribution	7
4	Wekiva Parkway Sections	8
5	Major Projects Map	11





Introduction



Central Florida Expressway Authority

FY 17-21 Five-Year Work Plan

1.1 Central Florida Expressway Authority System

On June 20, 2014, Governor Rick Scott signed Senate Bill 230 creating the Central Florida Expressway Authority (CFX). As an agency of the State, CFX is authorized build, operate and maintain a world-class mobility network in Central Florida, incorporating Lake, Orange, Osceola and Seminole counties. As shown in Figure 1, CFX's system is a major transportation network consisting of 109 centerline miles of limited access expressway (767 lane miles), 64 interchanges, 13 mainline toll plazas, 71 ramp toll plazas and 301 bridges along the following roadways:



The Spessard Lindsay Holland East-West Expressway (SR 408) serves east-west commuter traffic across the Orlando urban area and provides access to the Orlando Central Business District. SR 408 currently extends from an interchange with Florida's Turnpike in the west to an interchange with SR 50 east of Alafaya Trail. CFX is responsible for the 22 miles of SR 408 between SR 50 west (at Clarke Road) and SR 50 east. There are four mainline plazas and 22 ramp toll facilities on this portion of the roadway.



The John Land Apopka Expressway (SR 414) was constructed to provide a bypass around the City of Apopka. SR 414 extends Maitland Boulevard to the west from US 441 / Orange Blossom Trail to US 441 near Plymouth Sorrento Road for a total of 9 miles. Out of the total 9 miles, 3 miles are part of the dual route with SR 429 (SR 429/414). There is one mainline plaza and four ramp plazas.



CFX operates and maintains the portion of the Central Florida GreeneWay (SR 417) beginning at the interchange with International Drive near SR 535, running east, south of the Orlando International Airport, and turning north to the Seminole/Orange County line for a total of 33 miles. There are four main and 25 ramp toll facilities on this roadway. The portions of SR 417 north of

the Seminole/Orange County line and south of International Drive are owned and operated by the Florida Department of Transportation (FDOT).



The Daniel Webster Western Beltway (SR 429) was constructed to provide a shorter and more economical route for traffic between west Orange County and the Orlando Central Business District. Overall, SR 429 extends north from I-4 in Osceola County to US 441 in Apopka. CFX's portion includes 23 miles from Seidel Road north to US 441 and includes two mainline and 12 ramp toll facilities. Of the total 23 miles, 3 miles are part of the dual route with SR 414 (SR 429/414). The portion of SR 429 from south of Seidel Road to I-4 is owned and operated by FDOT.



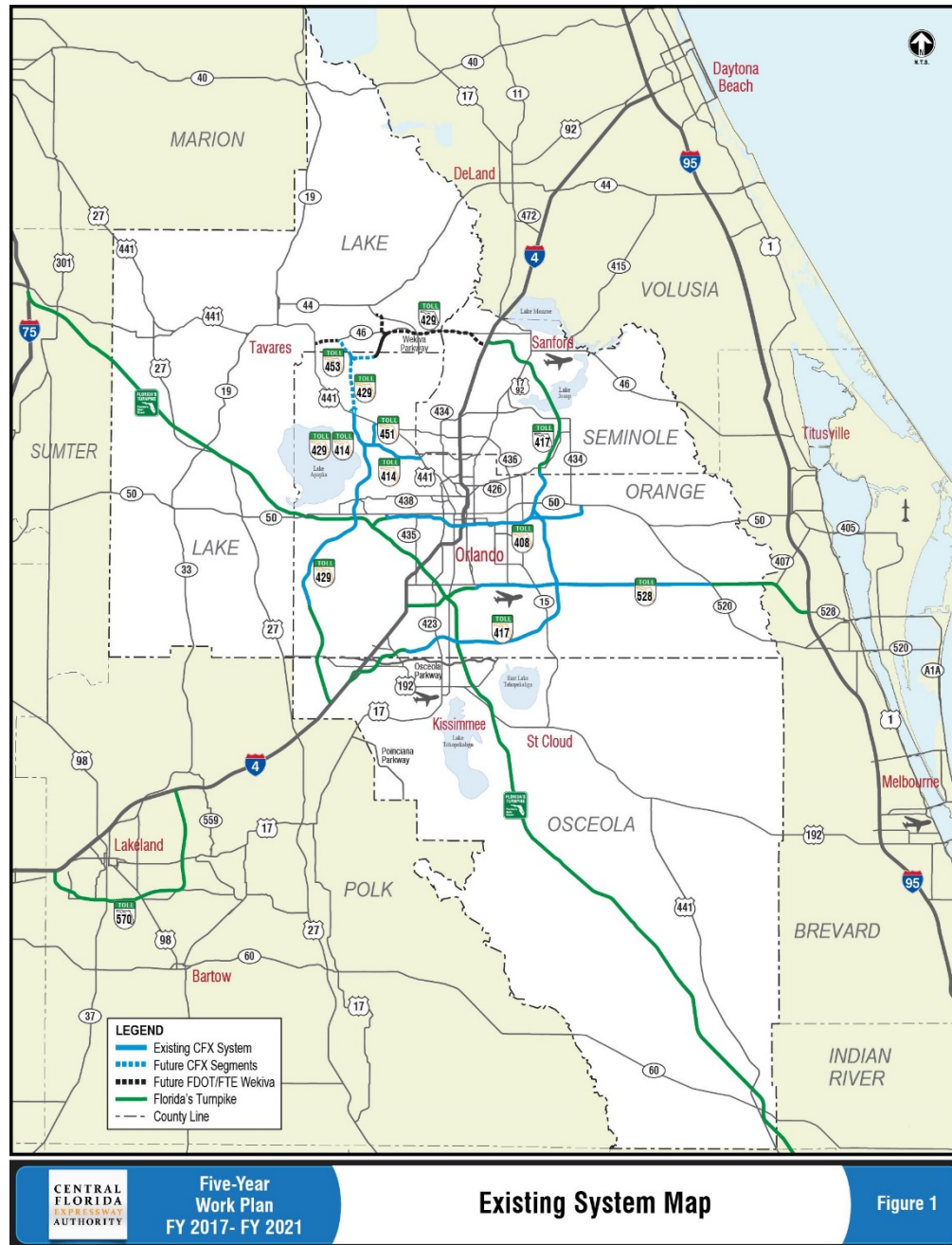
SR 451 was previously the northern portion of SR 429. With the opening of SR 429/414 in January 2013, this 2 mile segment north of SR 414 to US 441 near Vick Road was re-designated as SR 451. There are no mainline or ramp toll plazas associated with this portion of the CFX system.



The Martin B. Anderson Beachline Expressway (SR 528) provides a direct connection between South Orlando and Cape Canaveral and serves Orlando International Airport. Although SR 528 extends from I-4 in the west to Cape Canaveral in the east, CFX's portion includes 23 miles from Boggy Creek Road / McCoy Road in the west to SR 520 in the east and includes two main and eight ramp toll facilities. The portions of SR 528 east and west of CFX's jurisdiction are owned and operated by the FDOT.

CFX also operates and maintains a non-system 2 mile tolled expressway, Goldenrod Extension, which has 1 mainline toll plaza.

The Wekiva Parkway (which extends SR 429 and creates SR 453) is currently under construction. Completion of the Wekiva Parkway is funded in the Work Plan and will bring the system to more than 120 centerline miles and 811 lane miles.



1.2 Five-Year Work Plan

The Five-Year Work Plan (Work Plan) is an important tool used by CFX to effectively manage its program of system improvements, enhancements and rehabilitation. The purpose of the Work Plan is to identify those projects which CFX anticipates funding during the next five years. The Work Plan projects are identified and tracked through a control system which involves monitoring at the fund and project level and includes review of budgets, schedules and cash flows. The Work Plan is also used in conjunction with the financial management programs used by CFX.

The Work Plan is intended to be a “living” document that reflects and prioritizes the needs of CFX. As such, it can be expected that changes will be made as priorities are re-evaluated, projects are completed and new projects are identified. The Work Plan may change at each stage of the project development process.

The FY 2017-2021 Work Plan is the first Work Plan developed from CFX’s Visioning + 2040 Master Plan. The development of the Master Plan was a dynamic activity involving coordination and input from a number of sources, including FDOT, local governments within Lake, Orange, Osceola and Seminole counties, METROPLAN ORLANDO, Lake-Sumter MPO and expressway system customers. Additionally, the Work Plan includes input from CFX’s infrastructure, technology, operations and finance staff.

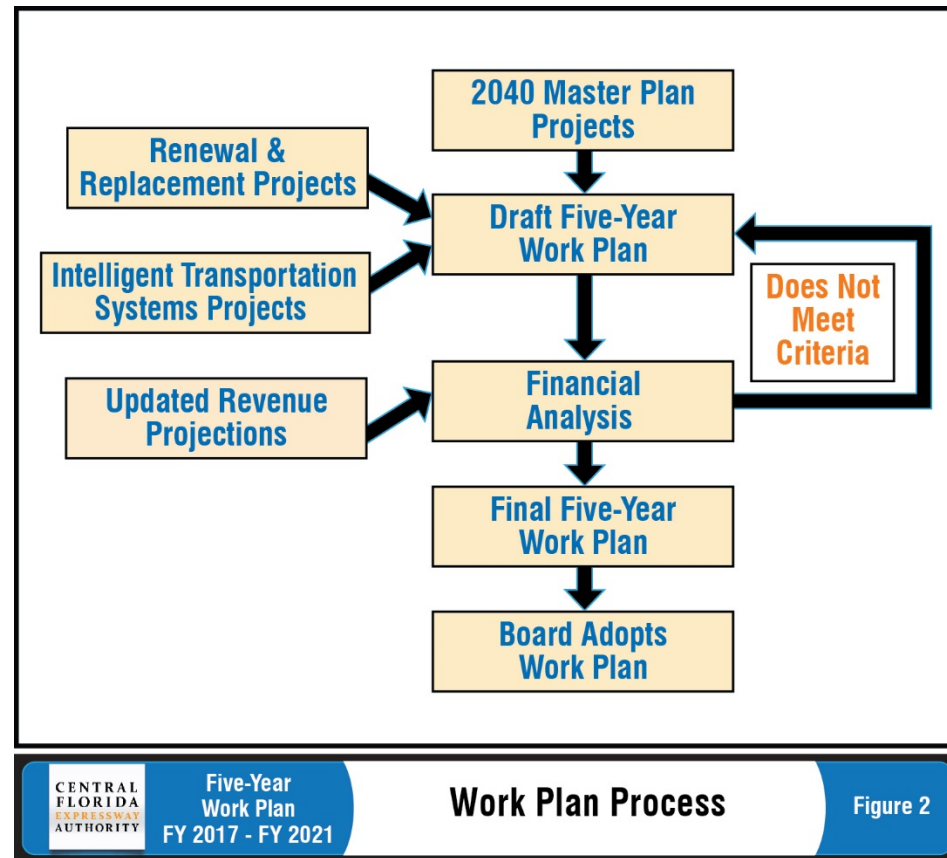
Available funding for the Work Plan is based on the current toll rate policy. Any adjustments to the current policy will affect the Work Plan both by changing the funds available to finance projects and by potentially changing the year projects are needed.

CFX’s FY 2017-2021 Five-Year Work Plan was approved at the May 12, 2016 Board meeting and totals \$1.36 billion. The previous Work Plan (FY 16-20) was adopted on July 9, 2015 and totaled \$1.23 billion.

1.3 Development Process

During the development process, a Draft Work Plan is prepared, reviewed and discussed among CFX staff. The 2040 Master Plan is used as the base for the Draft Work Plan. Renewal & Replacement needs, as well as Intelligent Transportation Systems (ITS) needs

are evaluated and included into the Draft Work Plan. Figure 2 shows the Work Plan process.



All of the projects currently under contract, or encumbered, are included in the Draft Work Plan with an estimated cost to complete. The encumbered project costs are totaled separately from the unencumbered project costs. During the draft process, the unencumbered projects are assigned a priority of one through three based on the current stage of project development and other factors specific to each project.

A priority of one is assigned to projects previously authorized by the CFX Board, renewal and replacement projects necessary to maintain the physical integrity of the system,

projects to enhance safety, and future projects necessary to maintain acceptable levels of traffic operation.

A priority of two is assigned to projects that improve an element of the system that safely and properly functions at an acceptable level in its current condition.

A priority of three is reserved for projects with a lower feasibility level and for projects in which CFX's role is not expected to be defined in the near term.

A financial analysis, which includes input from CFX staff, financial advisors, General Engineering Consultant, and Traffic and Earnings Consultant is then performed to determine the feasibility of the Draft Work Plan. The analysis takes into account the budget requirements, existing construction funds, interest rates, bond issuance, existing debt service, capital costs and construction scenarios, and projected toll revenues. The analysis results provide the debt service coverage projection, cash flow reports and sources and uses of funds.

The Draft Work Plan is adjusted to include projects based on the input received and the decisions made by CFX staff. The Draft Work Plan is reviewed by staff and presented to the CFX Board for their comments and approval. Once approved, the Draft Work Plan becomes CFX's Five-Year Work Plan.

1.4 METROPLAN ORLANDO Coordination

Once approved by the CFX Board, the Five-Year Work Plan is submitted to METROPLAN ORLANDO for their use in development of the region's Transportation Improvement Plan (TIP).

1.5 Work Plan Reports

As part of the Work Plan control system, five different report types are prepared: Category Summary, Category Reports, Fund Summary, 2040 Master Plan Summary and Project Information. These reports are structured to summarize, communicate and document project information that can be used at all levels of management. Each of these reports is described in detail in the following pages. A list defining the most common terms and

abbreviations used throughout the Work Plan is also included.

1.5.1 Definitions of Terms & Abbreviations

CF	-	Construction Fund BAN
E	-	Encumbered Project Costs for projects currently under contract
EAL	-	Engineering, Administration and Legal
FY	-	Fiscal Year (CFX's fiscal year runs from July 1 to June 30)
NSP	-	Non-System Projects
PD&E	-	Project Development and Environment Study
RR	-	Renewal and Replacement Fund
SP	-	System Projects Fund
SR	-	State Road
U	-	Unencumbered Project Costs

1.5.2 Category Summary

The projects contained in the Work Plan have been grouped into one of the following nine categories:

- Existing System Improvements
- System Expansion Projects
- Interchange Projects
- Facilities Projects
- Technology Projects
- Signing and Pavement Markings
- Renewal and Replacement Projects
- Landscape Projects
- Non-System Projects

The Category Summary report is one of two reports contained in the Work Plan that provide a cumulative total of all projects included in the Work Plan. The other is the Fund Summary report.

The information found in the Category Summary report is a total of the projected cash

expenditures, expressed in thousands, for each individual category for each of the five fiscal years encompassed by the Work Plan. The encumbered and unencumbered project costs are shown in the first two years for each category. These figures are then totaled for each category and each fiscal year.

The source for this report is the individual category reports described in Section 1.5.3.

1.5.3 Category Reports

A Category Report is provided for each of the nine categories listed under Section 1.5.2.

The Category Reports contain a listing of the individual projects grouped into each specific category. Provided with this listing is general project information and the project's projected cash expenditures by fiscal year and five year total cost.

The source for information contained in the Category Reports is the individual Project Information reports. The totals at the bottom of the Category Reports provide the source for the Category Summary report. This report can be updated on a regular basis. The format of the Category Report is as follows:

Page - Page number of the Project Information report containing detailed information on the individual project.

Project Number - Refers to CFX's identification number given to each project. Only projects at a more advanced stage of development have been assigned a CFX project number.

Project Name - Identifies the project.

Project Description:

From/To - Beginning and ending locations of the project.

Length (Miles) - Project length.

Work Description - Brief description of project.

Project Cost (thousands \$): Escalated project costs.

Fiscal Years - The project costs are by CFX's Fiscal Year: July 1 to June 30. The

encumbered and unencumbered costs are shown. The encumbered costs are the projected costs to complete for projects currently authorized.

Fund Source - The fund used by CFX. The funds consist of System Projects Fund (SP), Construction Fund BAN (CF), Renewal and Replacement (RR) and Non-System Projects (NSP). The Fund Source is further discussed in Section 1.5.4.

Project Phases Funded - The phase(s) of the project funded by the Work Plan. Project phases could consist of the following or a combination thereof:

- Bidding
- Concept
- Concept Study
- Concept, Feasibility & Mobility Study
- Construction
- Contribution
- Corridor Consultant
- Design
- Design-Build
- Implementation
- Installation
- Line & Grade
- Maintenance
- Master Plan Study
- Multimodal / Intermodal Study
- Partnership Contribution
- PD&E
- Right of way (ROW)
- Testing
- Utility Adjustments

1.5.4 Fund Summary

The Fund Summary report provides a detail of the projected source of funding and expenditures scheduled from each fund at a fiscal year level. The source of this

information is the Project Information reports.

The Fund Summary report is intended to be used with CFX's financial models as a tool to aid in the projection of fund balances. Through the use of this tool, CFX will be able to make informed financial decisions based on the contents of the Work Plan.

The following Fund Sources are used:

- SP – System Projects Fund
- CF – Construction Fund BAN. The source of this fund is the Bond Anticipation Notes (BAN) and is associated with the construction of Wekiva Parkway Sections 1A and 1B, and the partial construction of Section 2B.
- NSP – Non-System Projects
- RR – Renewal and Replacement. The projects included in this fund are the projects needed to maintain the serviceability of the system. These projects provide rehabilitation and are not considered to be maintenance projects.

1.5.5 2040 Master Plan Summary

The 2040 Master Plan Summary Report is provided as a comparison summary of the projects included in the Five-Year Work Plan with those recommended in the Visioning + 2040 Master Plan as approved by CFX Board members at the May 12, 2016 Board meeting.

The 2040 Master Plan recommends pursuing capacity and operational improvement projects for the existing system beyond those identified in the Work Plan. It identifies widenings along SR 417, SR 429 and SR 528, as well as interchange improvements at three existing interchanges. In addition, it outlines 12 possible new expressway expansion project opportunities. This report provides the status of the Master Plan projects. The format of the 2040 Master Plan Summary report is as follows:

Project Category - The categories of projects contained in the 2040 Master Plan are as follows:

- Existing System (Capacity) Improvements
- System Expansion Projects

- Interchange Projects
- Renewal and Replacement Projects

Recommended 2040 Projects - Names of recommended projects in the 2040 Master Plan.

Project Phases Funded - Describes the portion of the projects that are contained in the Work Plan. These include:

- Concept, Feasibility & Mobility Study
- Construction
- Design
- Line & Grade
- PD&E

2016 Inflated Costs - These numbers represent the amount of dollars, in thousands of dollars, contained in the Work Plan. The numbers have been escalated to coincide with the year in which the expenditures for the project are projected to occur.

Comments - Pertinent comments related to the FY 2017-2021 Work Plan.

1.5.6 Project Information

The Project Information report is provided for each project contained in the Work Plan. This report provides detailed scheduling, cost and cash flow information and can be updated on a regular basis. The format of the report is as follows:

Current Status - The current phase of the project which could be any of the following:

- Bidding
- Construction
- Design
- Design-Build
- Implementation
- Installation
- Maintenance

- No Activity
- On-going
- PD&E
- Right of Way Acquisition
- Selection
- Study

Priority - Project priority designation, one through three.

Date Originated - Date project originally entered into the Work Plan.

Last Revision - Date of last change to project information.

Fund Source - The fund used by CFX. The funds consist of System Projects Fund (SP), Construction Fund BAN (CF), Renewal and Replacement (RR) and Non-System Projects (NSP). The Fund Source was previously discussed in Section 1.5.4.

Length - Length of project in miles.

From - Beginning location of project.

To - Ending location of project.

Project Name/Number - Short title of project with project number, if identified.

Route Number - State road project located on - SR 408, SR 414, SR 417, SR 429, SR 451, SR 528, or systemwide if located throughout CFX's system.

Project Category - One of the nine project categories previously listed in Section 1.5.2.

Work Description - Brief description of the project.

Project Schedule Activity - The phase of the project. (PD&E, design, right of way, permitting, bidding, construction, etc.)

Project Cost (in thousands \$):

Activity - The phase of the project - EAL, mitigation, right-of-way, construction, installation, etc. The fees for design, bidding and construction engineering and inspection (CE&I) and post-design services have been included under the EAL activity.

Totals \$ - The total costs for each activity. These costs are in current dollars.

Encumbered - The total of the projected costs to complete projects previously authorized for the first two fiscal years.

Fiscal Years - The schedule is divided in quarters of CFX's fiscal years for the five years of the Work Plan.

Cash Flow Inflated (in thousands \$):

Inflation Rate - Assumed inflation rate of 2.6% for escalation of project costs such as EAL. Inflation rate of 2.5% was assumed for construction for FY 2017, 2.7% for FY 2018, 2.8% for FY 2019, 2.6% for FY 2020 and 2.5% for FY 2021. This follows FDOT's published inflation factors.

Includes same items as the "Project Cost" section, but reflect inflation.

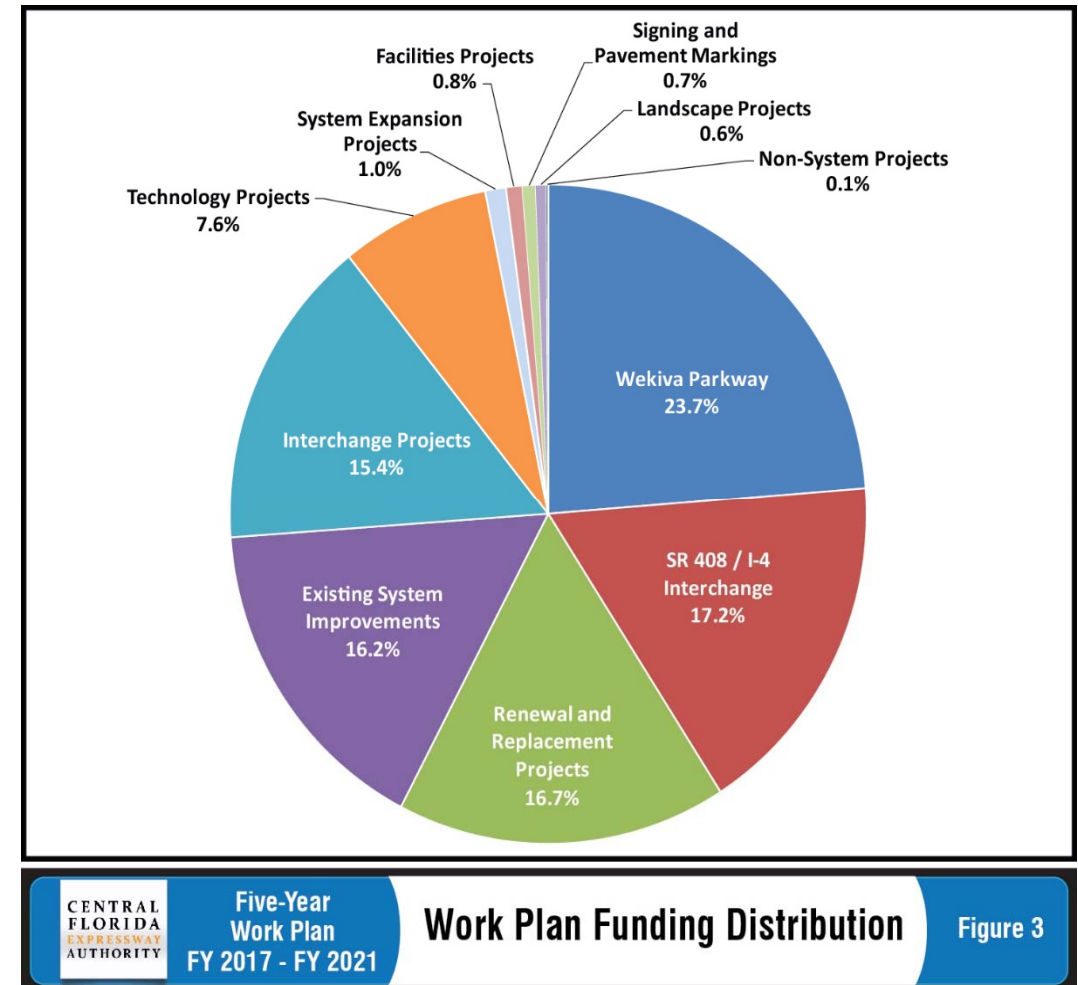
Remarks - Any special information associated with the project.

1.6 FY 17-21 Work Plan Totals

As summarized in Section 2, the Work Plan totals almost \$1.4 billion. Figure 3 reflects the Work Plan funding distribution by category.

1.7 Major Projects in FY 17-21 Work Plan

The Project Information reports in Section 5 include details for each of the projects included in the FY 17-21 Work Plan. The following is a summary of the projects, by category. Figure 5 at the end of this section shows a graphic summary of the major projects included in the Work Plan.



1.7.1 Existing System Improvements

This category includes capacity improvement projects and operational/safety improvements. Construction of the SR 408 Widening from Good Homes Road to East of Hiawasse Road and the design and construction of SR 408 Widening from SR 417 to Alafaya Trail are included in the Work Plan. Future widenings also included in the Work

Plan are:

- SR 417 from International Drive to Landstar Boulevard
- SR 417 from Econlockhatchee Trail to the Orange / Seminole County Line
- SR 429 from Florida's Turnpike to West Road
- SR 528 from Narcoossee Road to SR 417

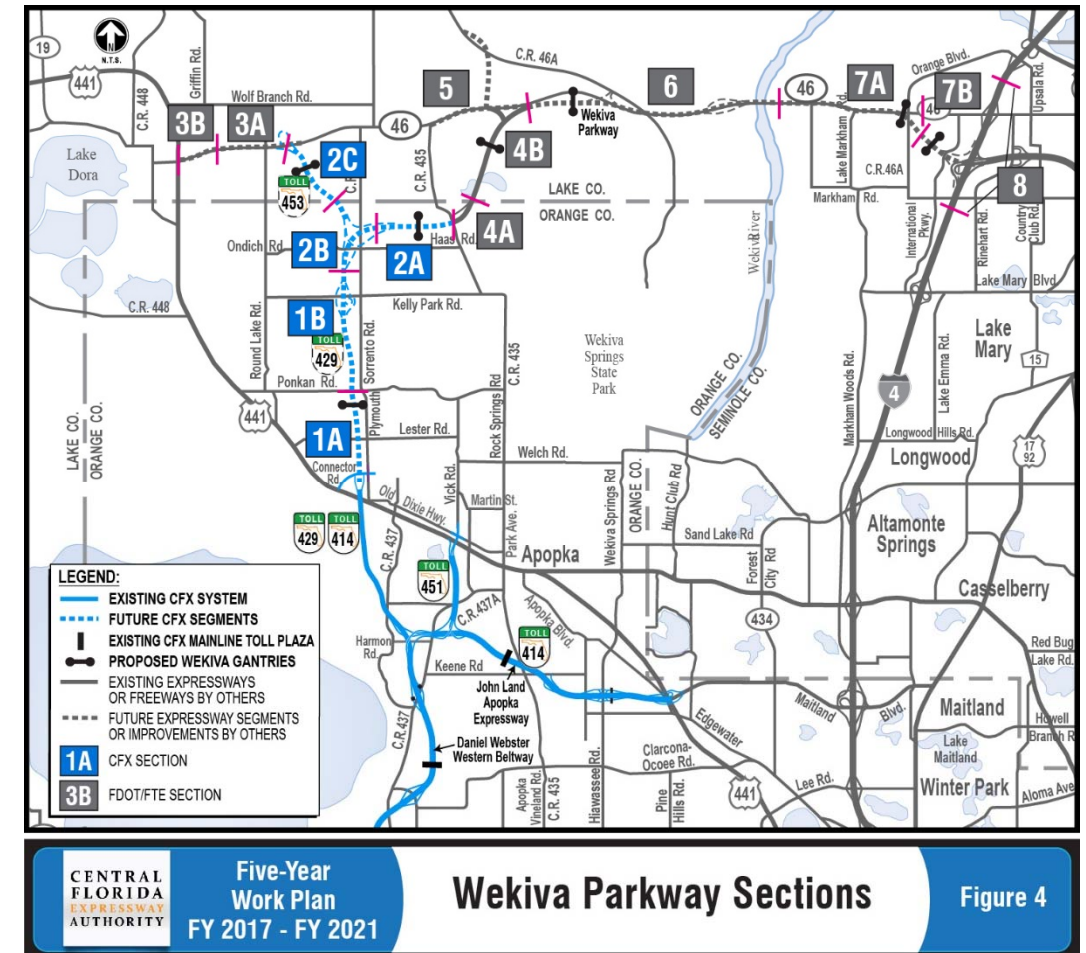
Funding for construction of ramp improvements at the SR 528 / SR 417 Interchange, the SR 429 / CR 535 Interchange, and the SR 417 / Curry Ford Road Interchange is also included in FY's 17 and 18. Bridge replacements and repairs along SR 528 are also included starting in FY 17, along with some systemwide miscellaneous safety and operational improvements, guardrail upgrades, drainage improvement and roadway lighting improvements scheduled throughout the five years.

Multimodal / Intermodal Opportunity Studies are also included in the Work Plan. The first study is currently underway and future ones will be based on those findings and recommendations.

1.7.2 System Expansion Projects

System expansion projects include new alignments. The prominent project for the FY 17-21 Work Plan is the Wekiva Parkway. The Work Plan includes funding for construction and right of way acquisition for all sections of the Wekiva Parkway. Sections 1A, 1B, 2B and 2C are currently under construction. Section 2A is anticipated to begin construction in summer 2016. Figure 4 shows a map of the Wekiva Parkway sections.

The Work Plan includes the completion of the PD&E for the SR 408 Eastern Extension from Challenger Parkway to SR 520 as well as the 15% Line and Grade. Funding for the SR 528 / Northeast District Connector Concept, Feasibility and Mobility Study in Osceola County is included. Additional Concept, Feasibility and Mobility Studies for future expansion projects in Osceola, Lake, Orange and Seminole Counties are also included in this category.





Wekiva Parkway Construction from Ponkan Road to Kelly Park Road

1.7.3 Interchange Projects

This category includes both interchange improvements as well as new interchanges. Funding of the following interchanges is included in the Work Plan:

- SR 408/SR 417 Interchange (Phases I and II)
- SR 528/Innovation Way Interchange
- SR 408/I-4 Interchange

The SR 408 / SR 417 Interchange Phase I is currently under construction with Phase II scheduled to begin design in FY 17. Bids have been received for the SR 528 / Innovation Way Interchange project. The SR 408 / I-4 Interchange is part of the I-4 Ultimate Project currently under construction by FDOT, and CFX's contributions are scheduled for FY's 18, 19 and 20.

The SR 417 / Narcoossee Road Ultimate Interchange and the SR 429 New Interchange concept studies are also included.

1.7.4 Facilities Projects

Facilities projects include mainline plaza modifications, new ramp plazas, and systemwide toll plaza projects. Construction of the SR 528 Airport Mainline toll plaza demolition and addition of ramp toll plazas is almost complete. Funding has been allocated for generator, air conditioner, roof and UPS replacements and upgrades, as well as improvements at the CFX Headquarters.

1.7.5 Technology Projects

The Technology Projects category includes projects related to field devices, system automation software, traffic monitoring systems and electronic toll operating systems. The Toll Collection System Upgrade project is currently underway with funding allocated throughout the five years. Funding for the design and construction of the Wrong-Way Driving Countermeasures, ITS Network Upgrade Phase II, Supplemental Data Collection Sensor (DCS) and Closed Circuit Television (CCTV) Deployment, and the Wekiva Parkway CCTV Deployment is included in the Work Plan. Implementation of the Advanced Expressway Operations Performance Measures is also included.

1.7.6 Signing and Pavement Markings

The Work Plan includes funding for the design and construction of Systemwide Miscellaneous Signing and Marking projects, E-PASS sign replacement, and CFX logo replacements. Funding has also been allocated for various guide sign replacement projects throughout the CFX system.

1.7.7 Renewal and Replacement Projects

The majority of funds for the renewal and replacement category are dedicated to milling and resurfacing projects. The scheduled projects follow the CFX's recommendations included in the pavement management plan.

Funding for design and construction of the following resurfacing projects is included in the Work Plan:

- SR 408 from West SR 50 to I-4
- SR 408 from East of I-4 to SR 417
- SR 408 from Alafaya Trail to East SR 50
- SR 414 from SR 429 to US 441
- SR 417 from International Drive to Curry Ford Road
- SR 417 from SR 408 to SR 50
- SR 429 from Seidel Road to CR 535
- SR 528 from SR 436 to SR 520

This category also includes drainage improvements, coatings, bridge and fence projects, as well as Retro-Reflective Pavement Markers (RPM) replacement. Signing upgrades and improvements, single line Dynamic Message Sign (DMS) and traffic management CCTV upgrades are also funded.

1.7.8 Landscape Projects

This category includes funds for systemwide discretionary landscape projects.

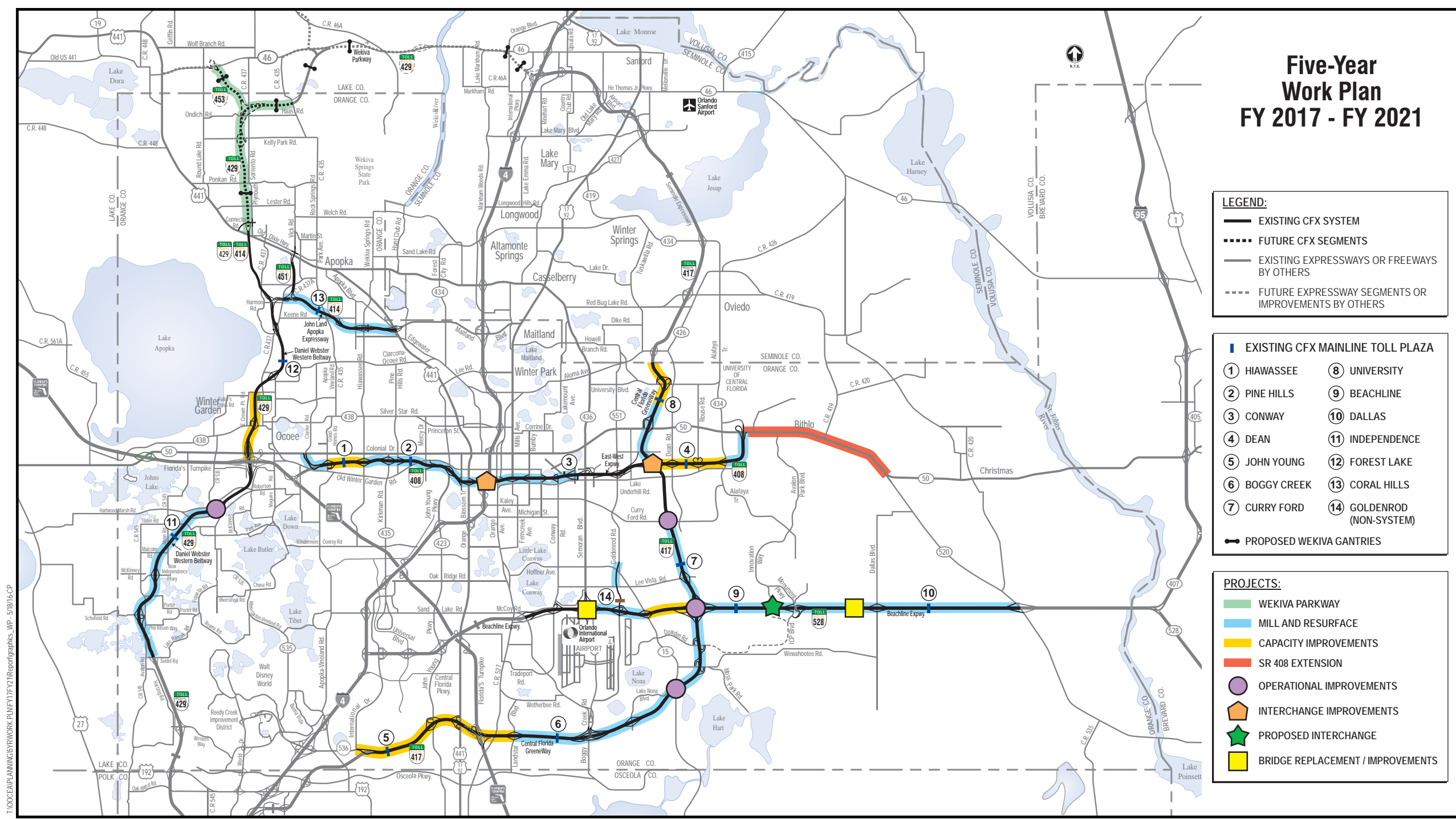
1.7.9 Non-System Projects

This category is for the Goldenrod Road extension. This non-system road is operated and maintained by CFX. The design of the milling and resurfacing of Goldenrod Road from Lee Vista to Narcoossee Road has been completed, and the Work Plan includes funds for construction.



SR 528 Airport Mainline Toll Plaza Demolition

Five-Year Work Plan FY 2017 - FY 2021



LEGEND:

- EXISTING CFX SYSTEM
- - - - FUTURE CFX SEGMENTS
- EXISTING EXPRESSWAYS OR FREEWAYS BY OTHERS
- - - - FUTURE EXPRESSWAY SEGMENTS OR IMPROVEMENTS BY OTHERS

EXISTING CFX MAINLINE TOLL PLAZA

① HIAWASSEE	⑧ UNIVERSITY
② PINE HILLS	⑨ BEACHLINE
③ CONWAY	⑩ DALLAS
④ DEAN	⑪ INDEPENDENCE
⑤ JOHN YOUNG	⑫ FOREST LAKE
⑥ BOGGY CREEK	⑬ CORAL HILLS
⑦ CURRY FORD	⑭ GOLDENROD (NON-SYSTEM)

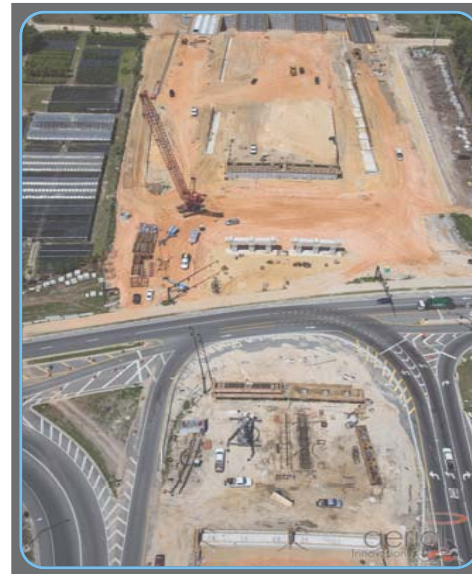
— PROPOSED WEKIVA GANTRIES

PROJECTS:

- WEKIVA PARKWAY
- MILL AND RESURFACE
- CAPACITY IMPROVEMENTS
- SR 408 EXTENSION
- OPERATIONAL IMPROVEMENTS
- INTERCHANGE IMPROVEMENTS
- PROPOSED INTERCHANGE
- BRIDGE REPLACEMENT / IMPROVEMENTS

T:\00CEPLAN\PLANS\6R\WORK PLAN\FY21\ReportGraphics_MP-51816-CP

Category Summary



Central Florida Expressway Authority

Five-Year Work Plan

Category Summary

Category	Project Cost (thousand \$)							
	Fiscal Year							Total
	16/17		17/18		18/19	19/20	20/21	
	E	U	E	U	U	U	U	
Existing System Improvements	4,010	49,109	0	87,379	40,516	18,240	21,530	220,784
System Expansion Projects	148,576	75,984	44,888	55,192	11,461	1,156	22	337,279
Interchange Projects	72,407	622	31,839	119,969	126,988	89,805	1,861	443,491
Facilities Projects	5,078	1,752	0	1,411	1,136	1,131	965	11,473
Technology Projects	15,236	16,292	23,708	21,479	21,945	3,275	1,322	103,257
Signing and Pavement Markings	0	870	0	2,940	2,362	2,064	768	9,004
Renewal and Replacement Projects	18,641	19,846	0	75,382	38,903	29,125	45,872	227,769
Landscape Projects	0	1,500	0	1,500	1,500	1,500	1,500	7,500
SUB TOTALS	263,948	165,975	100,435	365,252	244,811	146,296	73,840	
TOTALS	429,923		465,687		244,811	146,296	73,840	1,360,557
Non-System Project (Goldenrod Road)	0	0	0	1,064	0	0	0	1,064
GRAND TOTALS	429,923		466,751		244,811	146,296	73,840	1,361,621

* Construction costs escalated at 2.5% for FY 2017, 2.7% for FY 2018, 2.8% for FY 2019, 2.6% for FY 2020 and 2.5% for FY 2021. In general, all other costs escalated at an average of 2.6% per year.

E = Encumbered costs from projects under contracts from previous fiscal years

U = Unencumbered costs

Central Florida Expressway Authority
Five-Year Work Plan
Existing System Improvements Summary (Page 1 of 2)

Page	Project Number	Project Name	Project Description				Project Cost (thousands \$) by Fiscal Year *							Fund Source	Project Phases Funded
			From	To	Length (miles)	Work Description	16/17		17/18		18/19	19/20	20/21		
							E	U	E	U	U	U	U		
26	408-127	SR 408 Widening from Good Homes to East of Hiawassee	Good Homes Road	East of Hiawassee Road	1.8	Add Lanes, Mill and Resurface	0	12,633	0	8,852	0	0	0	SP	Bidding & Construction
27	408-128	SR 408 Widening from SR 417 to Alafaya Trail	SR 417	Alafaya Trail	4.1	Add Lanes, Mill and Resurface	2,638	9,140	0	36,519	18,707	0	0	SP	Design & Construction
28	-	SR 417 Widening from Econ to County Line	Econlockhatchee Trail	County Line	2.3	Add Lanes, Mill and Resurface	0	2,100	0	11,654	16,867	0	0	SP	Design & Construction
29	-	SR 528 Widening from Narcoossee Road to SR 417	Narcoossee Road	SR 417	1.9	Add Lanes, Mill and Resurface	0	0	0	355	3,276	7,665	0	SP	Design & Construction
30	528-130	SR 528 / SR 436 Bridge Deck Replacement	-	-	-	Bridge Deck Replacement	0	4,285	0	9,044	0	0	0	SP	Design & Construction
31	528-131	SR 528 Econ River Bridge	-	-	-	Bridge Replacement & Widening	200	6,143	0	12,266	0	0	0	SP	Design & Construction
32	-	Systemwide Safety and Operational Improvement Projects	-	-	-	Minor Roadway Projects	0	820	0	300	300	300	300	SP	Design & Construction
33	-	Systemwide Guardrail Upgrade	-	-	-	Guardrail Improvements	0	150	0	150	150	150	150	SP	Design & Construction
34	-	Systemwide Drainage Improvements	-	-	-	Drainage Improvements	0	150	0	150	150	150	150	SP	Design & Construction
35	-	Systemwide Roadway Lighting	-	-	-	Lighting Rehabilitation	0	5,746	0	150	150	150	150	SP	Design & Construction
36	599-126	SR 417 / SR 528 Ramp Improvements	-	-	-	Ramp Improvements	272	5,790	0	2,586	0	0	0	SP	Design, ROW & Construction
37	429-654D	SR 429 / CR 535 Northbound On Ramp Improvements	-	-	-	On Ramp Improvements	0	441	0	4,563	0	0	0	SP	Design & Construction
Encumbered Total							3,110		0						
Unencumbered Total								47,397		86,588	39,600	8,415	750		
SUB-TOTALS (Page 1)							50,507		86,588		39,600	8,415	750		

* Construction costs escalated at 2.5% for FY 2017, 2.7% for FY 2018, 2.8% for FY 2019, 2.6% for FY 2020 and 2.5% for FY 2021. In general, all other costs escalated at an average of 2.6% per year.

E = Encumbered costs from projects under contracts from previous fiscal years

U = Unencumbered costs

Central Florida Expressway Authority
Five-Year Work Plan
Existing System Improvements Summary (Page 2 of 2)

Page	Project Number	Project Name	Project Description				Project Cost (thousands \$) by Fiscal Year *						Fund Source	Project Phases Funded	
			From	To	Length (miles)	Work Description	16/17		17/18		18/19	19/20			20/21
							E	U	E	U	U	U			U
38	417-133	SR 417 / Curry Ford Road Southbound On Ramp Improvements	-	-	-	On Ramp Improvements	0	1,593	0	0	0	0	0	SP	Bidding & Construction
39	599-132	Backup Data Center	-	-	-	Backup Data Center	850	0	0	0	0	0	0	SP	Design-Build
40	-	2040 CFX Master Plan	-	-	-	Master Plan Study	50	0	0	0	0	0	0	SP	Master Plan Study
41	-	SR 417 Widening from International Drive to John Young Parkway	International Drive	John Young Parkway	3.6	Add Lanes, Mill and Resurface	0	0	0	0	0	1,508	5,928	SP	Design & Partial Construction
42	-	SR 417 Widening from John Young Parkway to Landstar Boulevard	John Young Parkway	Landstar Boulevard	3.8	Add Lanes, Mill and Resurface	0	0	0	0	0	2,385	10,102	SP	Design & Partial Construction
43	-	SR 429 Widening from Plant Street to West Road	Plant Street	West Road	2.7	Add Lanes, Mill and Resurface	0	0	0	0	0	0	1,208	SP	Design
44	-	SR 429 Widening from Florida's Turnpike to Plant Street	Florida's Turnpike / SR 50	Plant Street	1.5	Add Lanes, Mill and Resurface	0	0	0	195	595	4,555	2,278	SP	Design & Construction
45	-	Multimodal/Intermodal Opportunity Study	-	-	-	Multimodal/Intermodal Study	0	100	0	300	300	300	300	SP	Multimodal/Intermodal Study
46	-	SR 417 Widening - Curry Ford to Lake Underhill Landscaping	Curry Ford Road	Lake Underhill Road	1.6	Landscaping	0	18	0	296	21	5	0	SP	Design, Installation & Maintenance
47	-	SR 408 / SR 417 Interchange Landscaping	-	-	-	Interchange Landscaping	0	0	0	0	0	621	557	SP	Design, Installation & Partial Maintenance
48	-	SR 417 / Florida's Turnpike Interchange Landscaping	-	-	-	Interchange Landscaping	0	0	0	0	0	451	407	SP	Design, Installation & Partial Maintenance
Encumbered Total							900		0						
Unencumbered Total								1,711		791	916	9,825	20,780		
SUB-TOTALS (Page 2)							2,611		791		916	9,825	20,780		
TOTALS							53,119		87,379		40,516	18,240	21,530		

* Construction costs escalated at 2.5% for FY 2017, 2.7% for FY 2018, 2.8% for FY 2019, 2.6% for FY 2020 and 2.5% for FY 2021. In general, all other costs escalated at an average of 2.6% per year.
E = Encumbered costs from projects under contracts from previous fiscal years
U = Unencumbered costs

Central Florida Expressway Authority
Five-Year Work Plan
System Expansion Projects Summary

Page	Project Number	Project Name	Project Description				Project Cost (thousands \$) by Fiscal Year *							Fund Source	Project Phases Funded
			From	To	Length (miles)	Work Description	16/17		17/18		18/19	19/20	20/21		
							E	U	E	U	U	U	U		
49	429-200F	SR 429 / SR 414 Interchange Landscape	-	-	-	Landscaping	20	0	5	0	0	0	0	SP	Maintenance
50	429-200G	SR 429 / SR 414 Interchange Landscape Phase II	-	-	-	Landscaping	0	947	0	846	21	5	0	SP	Design, Installation & Maintenance
51	408-254	SR 408 Eastern Extension	Challenger Parkway	SR 520	7.3	New Expressway	1,100	802	0	2,376	0	0	0	SP	PD&E & 15% Line & Grade
52	528-215	SR 528 / Northeast District Connector Study	SR 528	Northeast District	8.0	New Expressway	0	835	0	275	0	0	0	SP	Concept, Feasibility & Mobility Study
53	-	Expansion Projects	-	-	-	New Expressway	0	4,008	0	2,123	750	0	0	SP	Concept, Feasibility & Mobility Study
54	-	Wekiva Parkway Section 1A Landscaping	US 441 Interchange	North of Ponkan	-	Landscaping	0	42	0	1,352	21	21	0	SP	Design, Installation & Maintenance
55	-	Wekiva Parkway Section 1B Landscaping	North of Ponkan Road	North of Kelly Park Road	-	Landscaping	0	0	0	58	1,811	22	22	SP	Design, Installation & Maintenance
56	429-202	Wekiva Parkway Section 1A	US-441 Interchange	North of Ponkan Road	2.3	New Expressway	32,810	0	0	0	0	0	0	SP / CF	Construction
57	429-203	Wekiva Parkway Section 1B	North of Ponkan Road	North of Kelly Park Road	2.3	New Expressway	25,173	0	0	0	0	0	0	SP / CF	Construction
58	429-204	Wekiva Parkway Section 2B	North of Kelly Park Road	East of CR 437 and North to Lake County Line	2.0	New Expressway	54,678	0	26,339	0	0	0	0	SP / CF	Construction
59	429-205	Wekiva Parkway Section 2A	East of CR 437	East of Mt. Plymouth Road	2.0	New Expressway	34,795	0	18,544	0	0	0	0	SP / CF	Construction
60	429-206	Wekiva Parkway Section 2C	Lake County Line	SR 46 East of Round Lake Road	1.3	New Expressway	0	37,882	0	20,870	0	0	0	SP / CF	Construction
61	-	SR 429 - Wekiva Parkway (Right of Way)	US 441	East of Mt Plymouth Road and northwest to SR 46	-	New Expressway	0	31,468	0	27,292	8,858	1,108	0	SP / CF	Right of Way
Encumbered Total							148,576		44,888						
Unencumbered Total								75,984		55,192	11,461	1,156	22		
TOTALS							224,560		100,080		11,461	1,156	22		

* Construction costs escalated at 2.5% for FY 2017, 2.7% for FY 2018, 2.8% for FY 2019, 2.6% for FY 2020 and 2.5% for FY 2021. In general, all other costs escalated at an average of 2.6% per year.
E = Encumbered costs from projects under contracts from previous fiscal year
U = Unencumbered costs

Central Florida Expressway Authority
Five-Year Work Plan
Interchange Projects Summary

Page	Project Number	Project Name	Project Description				Project Cost (thousands \$) by Fiscal Year *							Fund Source	Project Phases Funded
			From	To	Length (miles)	Work Description	16/17		17/18		18/19	19/20	20/21		
							E	U	E	U	U	U	U		
62	253F	SR 408/SR 417 Interchange (Phase I)	SR 408/SR 417	Lake Underhill Road	-	Add Ramps, Mill and Resurface	30,276	0	0	0	0	0	0	SP	Construction
63	253G	SR 408/SR 417 Interchange (Phase II)	SR 408/SR 417	Lake Underhill Road	-	Add Ramps, Mill and Resurface	0	282	0	35,779	35,779	0	0	SP	Design, Bidding & Construction
64	429-305	SR 429 / Schofield Road Interchange Landscaping	-	-	-	Landscaping	0	12	0	424	21	16	0	SP	Design, Installation & Maintenance
65	417-301C	SR 417 / Boggy Creek Road Interchange (Phase III) Landscaping	-	-	-	Landscaping	0	53	0	857	21	16	0	SP	Design, Installation & Maintenance
66	528-313	SR 528 / Innovation Way Interchange	Innovation Way	Aerospace Parkway	-	New Interchange	41,167	0	30,875	1,406	0	0	0	SP	Design-Build
67	-	SR 408 at I-4 Ultimate	-	-	-	Interchange Reconstruction	964	0	964	75,000	75,964	80,968	0	SP	Contribution & Corridor Consultant
68	-	SR 429 New Interchange Studies	-	-	-	Interchange Studies and Design	0	275	0	6,503	15,203	8,014	0	SP	Concept Study, Design & Construction
69	-	SR 417 / Narcoossee Road Ultimate Interchange	-	-	-	Concept Study	0	0	0	0	0	441	1,544	SP	Concept Study & Design
70	-	SR 528 / Innovation Way Landscaping	-	-	-	Landscaping	0	0	0	0	0	350	317	SP	Design, Installation & Partial Maintenance
Encumbered Total							72,407		31,839						
Unencumbered Total								622		119,969	126,988	89,805	1,861		
TOTALS							73,029		151,808	126,988	89,805	1,861			

* Construction costs escalated at 2.5% for FY 2017, 2.7% for FY 2018, 2.8% for FY 2019, 2.6% for FY 2020 and 2.5% for FY 2021. In general, all other costs escalated at an average of 2.6% per year.
E = Encumbered costs from projects under contracts from previous fiscal year
U = Unencumbered costs

Central Florida Expressway Authority
Five-Year Work Plan
Facilities Projects Summary

Page	Project Number	Project Name	Project Description				Project Cost (thousands \$) by Fiscal Year *							Fund Source	Project Phases Funded
			From	To	Length (miles)	Work Description	16/17		17/18		18/19	19/20	20/21		
							E	U	E	U	U	U	U		
71	528-405	SR 528 Airport Toll Plaza Demolition	Boggy Creek Road	SR 436	2.1	Demolish Existing Mainline Toll Plaza	1,436	0	0	0	0	0	0	SP	Construction
72	-	SR 528 Airport Frontage Landscaping	Boggy Creek Road	SR 436	2.1	Landscaping	0	0	0	248	21	16	0	SP	Design, Installation & Maintenance
73	-	Systemwide Toll Plaza Projects	-	-	-	Toll Plaza Projects	0	100	0	100	100	100	100	SP	Design & Construction
74	-	Systemwide Generator Replacements and Upgrades	-	-	-	Generator Replacements	0	660	0	345	345	345	345	SP	Design & Construction
75	-	Systemwide Air Conditioner Replacements and Upgrades	-	-	-	Air Conditioner Replacements	0	212	0	88	150	150	0	SP	Design & Construction
76	-	Systemwide Roof Replacements	-	-	-	Roof Replacements	0	240	0	240	240	240	240	SP	Design & Construction
77	-	Systemwide UPS Replacements	-	-	-	UPS Replacements	0	110	0	110	0	0	0	SP	Installation
78	-	Miscellaneous CFX Headquarters Improvements	-	-	-	Miscellaneous Projects	3,642	0	0	280	280	280	280	SP	Design & Installation
79	599-411	CFX Headquarters Parking Lot Lighting and Sealing	-	-	-	Miscellaneous Projects	0	430	0	0	0	0	0	SP	Bidding & Installation
Encumbered Total							5,078		0						
Unencumbered Total								1,752		1,411	1,136	1,131	965		
TOTALS							6,830		1,411		1,136	1,131	965		

* Construction costs escalated at 2.5% for FY 2017, 2.7% for FY 2018, 2.8% for FY 2019, 2.6% for FY 2020 and 2.5% for FY 2021. In general, all other costs escalated at an average of 2.6% per year.
E = Encumbered costs from projects under contracts from previous fiscal years
U = Unencumbered costs

Central Florida Expressway Authority
Five-Year Work Plan
Technology Projects Summary

Page	Project Number	Project Name	Project Description				Project Cost (thousands \$) by Fiscal Year *							Fund Source	Project Phases Funded
			From	To	Length (miles)	Work Description	16/17		17/18		18/19	19/20	20/21		
							E	U	E	U	U	U	U		
80	408-509	Fiber Optic Network (FON) Utility Adjustments	-	-	-	Utility Adjustments	0	100	0	50	50	50	50	SP	Utility Adjustments
81	-	Regional ITS Partnership Projects	-	-	-	Regional ITS Partnership Projects	0	180	0	180	180	0	0	SP	Partnership Contributions
82	-	ITS Network Upgrade Phase II	-	-	-	Re-splice Network Physical Architecture	0	1,047	0	896	0	0	0	SP	Design & Construction
83	-	Wekiva Parkway CCTV Deployment Sections 1A & 1B	-	-	-	CCTV Cameras	0	151	0	776	690	0	0	SP	Design & Construction
84	-	Wekiva Parkway CCTV Deployment Sections 2A, 2B & 2C	-	-	-	CCTV Cameras	0	0	0	324	1,491	493	0	SP	Design & Construction
85	-	Advanced Expressway Operations Performance Measures	-	-	-	Enhancements to ITS Data Analysis Systems	0	662	0	662	0	0	0	SP	Implementation
86	-	Supplemental DCS and CCTV Deployment	-	-	-	Deploy DCS and CCTV Cameras	0	275	0	3,010	2,846	0	0	SP	Design & Construction
87	599-526	Wrong-Way Driving Countermeasures	-	-	-	Wrong-Way Driving Countermeasures at selected ramps	2,444	1,782	0	1,703	0	0	0	SP	Design & Construction
88	-	Connected Vehicle Pilot Concept	-	-	-	Connected Vehicle Pilot Concept	0	250	0	250	0	0	0	SP	Concept
89	-	Headquarters Security Cameras	-	-	-	Security Cameras	0	610	0	0	0	0	0	SP	Design & Construction
90	-	Geolocation of Field Utilities	-	-	-	Geolocation	0	165	0	135	0	0	0	SP	Design & Implementation
91	599-902	Toll Collection System Upgrade	-	-	-	System Upgrade	12,792	0	23,708	0	16,688	2,732	1,272	SP	Implementation & Testing
92	-	Toll Network System Replacements & Upgrades	-	-	-	Replacements & Upgrades	0	394	0	0	0	0	0	SP	Design & Implementation
93	-	Software - Hardware Replacements & Upgrades	-	-	-	Replacements & Upgrades	0	165	0	1,240	0	0	0	SP	Design & Implementation
94	-	eCommerce Mobile Application	-	-	-	Mobile Application	0	793	0	0	0	0	0	SP	Design & Implementation
95	-	Back Office - E-PASS Re-Write	-	-	-	E-PASS Re-Write	0	9,718	0	12,253	0	0	0	SP	Design & Implementation
Encumbered Total							15,236		23,708						
Unencumbered Total								16,292		21,479	21,945	3,275	1,322		
TOTALS							31,528		45,187		21,945	3,275	1,322		

* Construction costs escalated at 2.5% for FY 2017, 2.7% for FY 2018, 2.8% for FY 2019, 2.6% for FY 2020 and 2.5% for FY 2021. In general, all other costs escalated at an average of 2.6% per year.
E = Encumbered costs from projects under contracts from previous fiscal year;
U = Unencumbered costs

Central Florida Expressway Authority
Five-Year Work Plan
Signing and Pavement Markings Summary

Page	Project Number	Project Name	Project Description				Project Cost (thousands \$) by Fiscal Year *						Fund Source	Project Phases Funded	
			From	To	Length (miles)	Work Description	16/17		17/18		18/19	19/20			20/21
							E	U	E	U	U	U			U
96	-	Systemwide Miscellaneous Signing & Pavement Markings	-	-	-	Signing and Pavement Markings	0	150	0	150	150	150	150	SP	Design & Construction
97	599-624	E-PASS Sign Replacement	-	-	-	Signing	0	588	0	0	0	0	0	SP	Bidding & Construction
98	-	Central Florida Expressway Authority Logo Replacement	-	-	-	Signing	0	0	0	993	869	0	0	SP	Design & Construction
99	-	SR 408 Guide Sign Replacement	-	-	-	Signing	0	132	0	1,734	0	0	0	SP	Design & Construction
100	-	SR 417 Guide Sign Replacement	-	-	-	Signing	0	0	0	63	1,278	602	0	SP	Design & Construction
101	-	SR 414 Guide Sign Replacement	-	-	-	Signing	0	0	0	0	65	1,312	618	SP	Design & Construction
Encumbered Total							0		0						
Unencumbered Total								870		2,940	2,362	2,064	768		
TOTALS							870		2,940		2,362	2,064	768		

* Construction costs escalated at 2.5% for FY 2017, 2.7% for FY 2018, 2.8% for FY 2019, 2.6% for FY 2020 and 2.5% for FY 2021. In general, all other costs escalated at an average of 2.6% per year.

E = Encumbered costs from projects under contracts from previous fiscal years

U = Unencumbered costs

Central Florida Expressway Authority
Five-Year Work Plan
Renewal and Replacement Projects Summary (Page 1 of 2)

Page	Project Number	Project Name	Project Description				Project Cost (thousands \$) by Fiscal Year *							Fund Source	Project Phases Funded
			From	To	Length (miles)	Work Description	16/17		17/18		18/19	19/20	20/21		
							E	U	E	U	U	U	U		
102	417-733	SR 417 Resurfacing	I-Drive	Moss Park	16.8	Mill & Resurface	11,664	0	0	0	0	0	0	RR	Construction
103	-	SR 408 Resurfacing	West SR 50	I-4	8.1	Mill & Resurface	0	1,218	0	26,102	0	0	0	RR	Design & Construction
104	429-739	SR 429 Resurfacing	Seidel Road	CR 535	8.4	Mill & Resurface	817	4,363	0	13,087	0	0	0	RR	Design & Construction
105	528-740	SR 528 Resurfacing	SR 436	Goldenrod Road	1.4	Mill & Resurface	0	2,532	0	2,308	0	0	0	RR	Design & Construction
106	528-741	SR 528 Resurfacing	Goldenrod Road	SR 520 (East) / SR 417 Innovation Way (South)	21.7	Mill & Resurface	0	2,179	0	20,058	28,437	0	0	RR	Design & Construction
107	-	SR 408 Resurfacing	East of I-4	Lake Underhill Bridge	1.8	Mill & Resurface	0	0	0	0	3,594	6,293	0	RR	Design & Construction
108	408-739	SR 408 Resurfacing	Lake Underhill Bridge	Yucatan Drive	1.8	Mill & Resurface	0	3,669	0	7,298	0	0	0	RR	Design & Construction
109	-	SR 414 Resurfacing	SR 429	US 441 (East)	6.5	Mill & Resurface	0	0	0	0	713	12,015	11,648	RR	Design & Construction
110	-	SR 417 Resurfacing	Moss Park	Innovation Way	1.0	Mill & resurface	0	0	0	0	176	3,806	0	RR	Design & Construction
111	-	SR 417 Resurfacing	SR 528	Curry Ford Road	4.2	Mill & Resurface	0	0	0	0	0	432	9,643	RR	Design & Partial Construction
112	-	SR 417 Resurfacing	SR 408	SR 50	1.6	Mill & Resurface	0	0	0	0	0	246	5,330	RR	Design & Construction
113	-	SR 408 Resurfacing	Yucatan Drive	SR 417	2.6	Mill & Resurface	0	0	0	0	0	443	9,603	RR	Design & Construction
114	-	SR 408 Resurfacing	Alafaya Trail	SR 50 (East)	1.5	Mill & Resurface	0	0	0	0	0	98	3,194	RR	Design & Construction
115	-	Miscellaneous Resurfacing Projects	-	-	-	Mill & Resurface	0	290	0	290	290	290	290	RR	Design & Construction
116	-	Miscellaneous Drainage and Stormwater Projects	-	-	-	Drainage and Stormwater	0	310	0	310	310	310	310	RR	Design & Construction
Encumbered Total							12,481		0						
Unencumbered Total								14,561		69,453	33,520	23,933	40,018		
SUB-TOTALS (Page 1)							27,042		69,453		33,520	23,933	40,018		

* Construction costs escalated at 2.5% for FY 2017, 2.7% for FY 2018, 2.8% for FY 2019, 2.6% for FY 2020 and 2.5% for FY 2021. In general, all other costs escalated at an average of 2.6% per year.
E = Encumbered costs from projects under contracts from previous fiscal years
U = Unencumbered costs

Central Florida Expressway Authority
Five-Year Work Plan
Renewal and Replacement Projects Summary (Page 2 of 2)

Page	Project Number	Project Name	Project Description				Project Cost (thousands \$) by Fiscal Year *							Fund Source	Project Phases Funded
			From	To	Length (miles)	Work Description	16/17		17/18		18/19	19/20	20/21		
							E	U	E	U	U	U	U		
117	-	Systemwide Bridge Projects	-	-	-	Misc. Structural Projects	0	434	0	434	434	434	434	RR	Design & Construction
118	-	Systemwide Coatings	-	-	-	Painting & Inspections	0	3,450	0	1,910	1,910	1,910	1,910	RR	Design & Construction
119	-	Systemwide Fence Projects	-	-	-	Fencing Replacement	0	250	0	250	250	250	250	RR	Construction
120	-	Systemwide Bridge Joint & Approach Slab Projects	-	-	-	Concrete Pavement Projects	0	100	0	100	100	100	100	RR	Design & Construction
121	-	Systemwide Reflective Pavement Markers & Thermo Striping	-	-	-	RPM Replacement & Striping	0	130	0	175	195	135	150	RR	Design & Construction
122	-	Systemwide Trailblazer Upgrades	-	-	-	Signing Upgrades	0	620	0	1,160	1,160	1,460	810	RR	Design & Construction
123	-	Systemwide Signing Replacement Projects	-	-	-	Signing Improvements	0	150	0	1,745	1,175	740	2,200	RR	Design & Construction
124	599-525	Single Line DMS Upgrade	-	-	-	Upgrade DMS	6,160	0	0	0	0	0	0	RR	Design & Construction
125	-	Traffic Management CCTV Upgrade	-	-	-	Migration to IP Traffic Management Cameras	0	151	0	155	159	163	0	RR	Implementation
Encumbered Total							6,160		0						
Unencumbered Total								5,285		5,929	5,383	5,192	5,854		
SUB-TOTALS (Page 2)							11,445		5,929	5,383	5,192	5,854			
TOTALS							38,487		75,382	38,903	29,125	45,872			

* Construction costs escalated at 2.5% for FY 2017, 2.7% for FY 2018, 2.8% for FY 2019, 2.6% for FY 2020 and 2.5% for FY 2021. In general, all other costs escalated at an average of 2.6% per year.
E = Encumbered costs from projects under contracts from previous fiscal year
U = Unencumbered costs

Central Florida Expressway Authority
Five-Year Work Plan
Landscape Projects Summary

Page	Project Number	Project Name	Project Description				Project Cost (thousands \$) by Fiscal Year *							Fund Source	Project Phases Funded
			From	To	Length (miles)	Work Description	16/17		17/18		18/19	19/20	20/21		
							E	U	E	U	U	U	U		
126	-	Systemwide Discretionary Landscape Projects	-	-	-	Landscaping	0	1,500	0	1,500	1,500	1,500	1,500	SP	Design & Construction
Encumbered Total							0		0						
Unencumbered Total								1,500		1,500	1,500	1,500	1,500		
TOTALS							1,500		1,500		1,500	1,500	1,500		

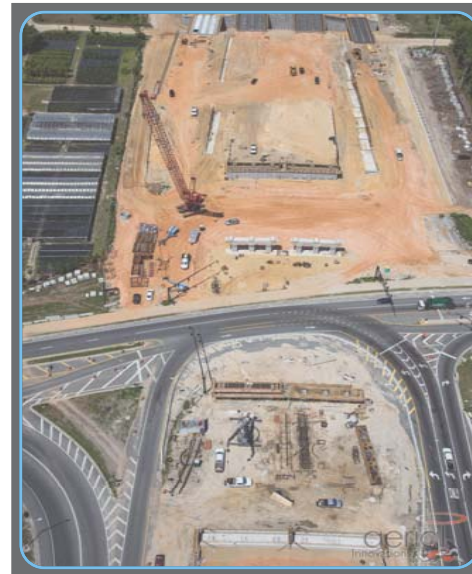
* Construction costs escalated at 2.5% for FY 2017, 2.7% for FY 2018, 2.8% for FY 2019, 2.6% for FY 2020 and 2.5% for FY 2021. In general, all other costs escalated at an average of 2.6% per year.
E = Encumbered costs from projects under contracts from previous fiscal years
U = Unencumbered costs

Central Florida Expressway Authority
Five-Year Work Plan
Non-System Projects Summary

Page	Project Number	Project Name	Project Description				Project Cost (thousands \$) by Fiscal Year *							Fund Source	Project Phases Funded
			From	To	Length (miles)	Work Description	16/17		17/18		18/19	19/20	20/21		
							E	U	E	U	U	U	U		
127	800-903E	Goldenrod Road Resurfacing	Lee Vista	Narcoossee Road	0.9	Mill & Resurface	0	0	0	1,064	0	0	0	NSP	Construction
Encumbered Total							0		0						
Unencumbered Total								0		1,064	0	0	0		
TOTALS							0		1,064		0	0	0		

* Construction costs escalated at 2.5% for FY 2017, 2.7% for FY 2018, 2.8% for FY 2019, 2.6% for FY 2020 and 2.5% for FY 2021. In general, all other costs escalated at an average of 2.6% per year.
E = Encumbered costs from projects under contracts from previous fiscal year
U = Unencumbered costs

Fund Summary



Central Florida Expressway Authority
 Five-Year Work Plan
Fund Summary

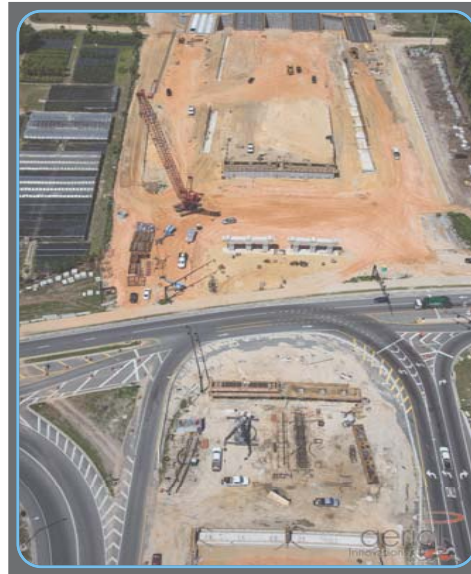
Fund	Project Cost (thousands \$) *								Comments
	Fiscal Year							Total	
	16/17		17/18		18/19	19/20	20/21		
	E	U	E	U	U	U	U		
System Projects Fund (SP)	147,453	146,129	98,288	289,870	205,908	117,171	27,968	1,032,787	
Construction Fund BAN (CF)	97,853	0	2,147	0	0	0	0	100,000	
Non-System Projects (NSP)	0	0	0	1,064	0	0	0	1,064	
Renewal and Replacement (RR)	18,641	19,846	0	75,382	38,903	29,125	45,872	227,769	
SUB-TOTALS	263,948	165,975	100,435	366,316	244,811	146,296	73,840		
	429,923		466,751		244,811	146,296	73,840	1,361,621	

* Construction costs escalated at 2.5% for FY 2017, 2.7% for FY 2018, 2.8% for FY 2019, 2.6% for FY 2020 and 2.5% for FY 2021. In general, all other costs escalated at an average of 2.6% per year.

E = Encumbered costs from projects under contracts from previous fiscal years

U = Unencumbered costs

2040 Master Plan Summary

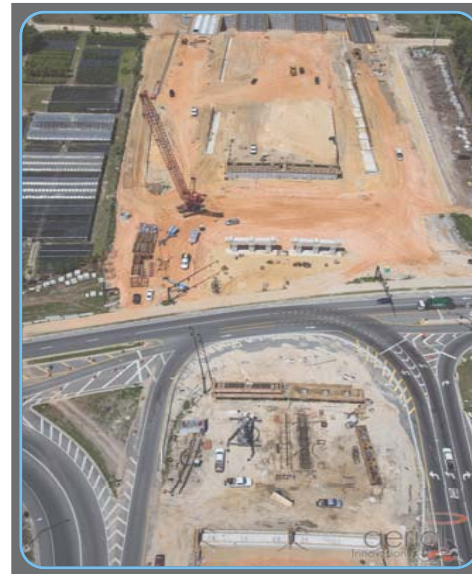


Central Florida Expressway Authority
Five-Year Work Plan
2040 Master Plan Summary

Project Category	Recommended 2040 Projects	Project Phase Included in Five-Year Work Plan		Comments (pertaining to FY 17 - FY 21 Work Plan)
		Project Phases Funded	2016 Inflated Costs (thousand \$) *	
Existing System (Capacity) Improvements				
	SR 417 : International Drive to Boggy Creek Road (Widen to 6 lanes)	Design & Partial Construction	\$19,923	SR 417 Widening from I-Drive to JYP / SR 417 Widening from JYP to Landstar Boulevard
	SR 417 : Boggy Creek Road to SR 528 (Widen to 6 lanes)			
	SR 429 : Seidel Road to CR 535 (Widen to 6 lanes)			
	SR 429 : CR 535 to SR 50 (Widen to 6 lanes)			
	SR 429 : SR 50 to SR 414 (Widen to 6 lanes)	Design & Construction	\$8,831	SR 429 Widening from Florida's Turnpike to Plant Street / SR 429 Widening from Plant Street to West Road
	SR 528 : SR 436 to SR 417 (Widen to 8 lanes)	Design & Construction	\$11,296	SR 528 Widening from Narcoossee Road to SR 417
	SR 528 : SR 417 to Innovation Way (Widen to 6 lanes)			
	SR 528 : Innovation Way to SR 520 (Widen to 6 lanes)			
System Expansion Projects				
	SR 408 Eastern Extension from SR 50 east to SR 520 (East Orange County)	PD&E and 15% Line & Grade	\$4,278	PD&E underway
	Lake / Orange Connector (Wellness Way) from US 27 to SR 429 (SE Lake / SW Orange Counties)	Concept, Feasibility & Mobility Study	\$6,880	
	SR 414 Direct Connect from US 441 to SR 434 (Orange County)			
	Osceola Parkway Extension from Boggy Creek Road to NE District (Orange / Osceola Counties)			In OCX Master Plan.
	Northeast Connector Expressway from Florida's Turnpike to Osceola Parkway Ext (Osceola County)			In OCX Master Plan
	Southport Connector Expressway from Poinciana Parkway to Florida's Turnpike (Osceola County)			In OCX Master Plan.
	Poinciana Parkway from Marigold Avenue to CR 54 / US 17-92 (Osceola County)			In OCX Master Plan.
	Poinciana / I-4 Connector from Poinciana Parkway to I-4 (Osceola County)			PD&E underway
	Task Force Corridor D from Northeast District to SR 520 (Osceola / Orange Counties)			Preliminary study being advanced by FDOT
	Task Force Corridor F from Northeast Connector to I-95 (Osceola / Brevard Counties)			Preliminary study being advanced by FDOT
	Task Force Corridor H from Northeast District to SR 528 (Orange / Osceola Counties)	Concept, Feasibility & Mobility Study	\$1,110	Preliminary study being advanced by FDOT
	Task Force Corridor I from US 192 to SR 528 (Orange / Osceola Counties)			Preliminary study being advanced by FDOT
Interchange Projects				
	SR 429 / CR 535 Interchange Improvements	Design & Construction	\$5,004	Minor southbound off ramp improvements completed. Minor northbound on ramp improvements included in Work Plan.
	SR 417 / Narcoossee Road Interchange Improvements	Construction	\$820	Minor southbound off ramp improvements included in Work Pan
	SR 528 / Dallas Boulevard Interchange Improvements			
Renewal and Replacement Projects				
	Systemwide : SR 408, SR 414, SR 417, SR 429, SR 451, SR 528	Design & Construction	\$227,769	Inflated project costs represent entire R&R program (as shown in the FY 17 - FY 21 Five Year Work Plan)
No Facilities, Technology, Signing and Pavement Markings, Landscape or Non-System Projects were Identified in the Master Plan.				
TOTALS			\$285,911	

* Construction costs escalated at 2.5% for FY 2017, 2.7% for FY 2018, 2.8% for FY 2019, 2.6% for FY 2020 and 2.5% for FY 2021. In general, all other costs escalated at an average of 2.6% per year.

Project Information



Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Bidding

Priority : 1

Date Originated : 1/31/07

Last Revision : 5/2/16

Fund Source : SP

Length (miles) : 1.8

From: Good Homes Road

To: East of Hiawassee Road

Project Name/Number : SR 408 Widening from Good Homes to East of Hiawassee

408-127

Route Number : SR 408

Project Category : Existing System Improvements

Work Description : Add Lanes, Mill and Resurface

Bidding & Construction

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Bidding																								
Construction																								
Toll Equipment																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	2,236			10	445	445	445	445	445																
Construction	18,550				3,710	3,710	3,710	3,710	3,710																
Toll Equipment	420								420																
TOTAL	21,206			FY 16/17 Total = 12,476				FY 17/18 Total = 8,730				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -					
				Encumbered = -				Encumbered =																	

Cash Flow Inflated (in thousands \$) :				Base Inflation Rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%				FY 2018 2.7%				FY 2019 2.8%				FY 2020 2.6%				FY 2021 2.5%			
Activity	Totals \$	2016				2017				2018				2019				2020				2021									
EAL	2,265			10	451	451	451	451	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Construction	18,783			-	3,757	3,757	3,757	3,757	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Toll Equipment	437			-	-	-	-	-	437	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
TOTAL	21,484	FY 16/17 Total = 12,633				FY 17/18 Total = 8,852				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -													
		Encumbered =				Encumbered =																									

Remarks: EAL includes bidding construction engineering & inspection and post-design services.
Estimated total construction cost of \$18.5 million (2016 \$). \$1.6 million design contract completed before July 1, 2016.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

Design
1/31/07
5/3/16
SP
4.1
SR 417

Priority :
1

To: Alafaya Trail

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 408 Widening from SR 417 to Alafaya Trail
SR 408
Existing System Improvements
Add Lanes, Mill and Resurface
Design & Construction

408-128

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Construction																								
Toll Equipment																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	9,326			1,319	1,319	10	954	954	954	954	954	954	954												
Construction	55,650						7,950	7,950	7,950	7,950	7,950	7,950	7,950												
Toll Equipment	420												420												
TOTAL	65,396			FY 16/17 Total =			11,552		FY 17/18 Total =		35,616		FY 18/19 Total =		18,228		FY 19/20 Total =		-		FY 20/21 Total =		-		
				Encumbered =			2,638		Encumbered =																

Cash Flow Inflated (in thousands \$) :				Base Inflation Rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%					
Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	9,502			1,319	1,319	10	979	979	979	979	979	979	979	-	-	-	-	-	-	-	-				
Construction	57,054			-	-	-	8,151	8,151	8,151	8,151	8,151	8,151	8,151	-	-	-	-	-	-	-	-	-	-		
Toll Equipment	448			-	-	-	-	-	-	-	-	-	448	-	-	-	-	-	-	-	-	-	-		
TOTAL	67,004	FY 16/17 Total = 11,778				FY 17/18 Total = 36,519				FY 18/19 Total = 18,707				FY 19/20 Total = -				FY 20/21 Total = -							
		Encumbered = 2,638				Encumbered =																			

Remarks: EAL includes design, bidding, construction engineering & inspection and post-design services.
Estimated total construction cost of \$55.6 million (2016 \$).
Includes re-configuration of SR 408/Rouse Road interchange and bridge replacement over Alafaya Trail.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
8/26/13
5/2/16
SP
2.3
Econlockhatchee Trail

Priority :
1

To: County Line

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 417 Widening from Econ to County Line
SR 417
Existing System Improvements
Add Lanes, Mill and Resurface
Design & Construction

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Construction																								
Toll Equipment																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	5,612				700	700	700	700	10	560	560	560	560	560											
Construction	23,350									4,670	4,670	4,670	4,670	4,670											
Toll Equipment	420													420											
TOTAL	29,382				FY 16/17 Total = 2,100			FY 17/18 Total = 11,171			FY 18/19 Total = 16,111			FY 19/20 Total = -			FY 20/21 Total = -								
					Encumbered =			Encumbered =																	

Cash Flow Inflated (in thousands \$) :		Base Inflation Rate =		2.6%		Const. Inflation Rates =		FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%											
Activity	Totals \$	2016				2017				2018				2019				2020				2021					
EAL	5,742			-	700	700	700	700	10	586	586	586	586	586	-	-	-	-	-	-	-	-	-	-			
Construction	24,427			-	-	-	-	-	-	4,885	4,885	4,885	4,885	4,885	-	-	-	-	-	-	-	-	-	-	-		
Toll Equipment	451			-	-	-	-	-	-	-	-	-	-	451	-	-	-	-	-	-	-	-	-	-	-		
TOTAL	30,621					2,100				FY 17/18 Total = 11,654				FY 18/19 Total = 16,867				FY 19/20 Total = -				FY 20/21 Total = -					
						Encumbered =				Encumbered =																	

Remarks: EAL includes design, permitting, bidding, construction engineering & inspection and post-design services.

Design contract \$2.8 m. Estimated total construction cost of \$23.4 m (2016 \$).

Includes friction course repair only for existing lanes through widening limits.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
8/15/13
4/21/16
SP
1.9
Narcoossee Road

Priority :
1

To: SR 417

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 528 Widening from Narcoossee Road to SR 417
SR 528
Existing System Improvements
Add Lanes, Mill and Resurface
Design & Construction

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021																					
EAL	2,033										337	337	337	10	253	253	253	253																									
Construction	8,428														2,107	2,107	2,107	2,107																									
TOTAL	10,461																																										
				FY 16/17 Total =				-				FY 17/18 Total =				337				FY 18/19 Total =				3,044				FY 19/20 Total =				7,080				FY 20/21 Total =				-			
				Encumbered =				-				Encumbered =																															

Cash Flow Inflated (in thousands \$) :				Base Inflation Rate =				2.6%				Const. Inflation Rates =				FY 2017				FY 2018				FY 2019				FY 2020				FY 2021									
												2.5%				2.7%				2.8%				2.6%				2.5%													
Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	2,169			-	-	-	-	-	-	355	355	11	273	273	273	273	-	-	-	-	-	-																			
Construction	9,128			-	-	-	-	-	-	-	-	-	2,282	2,282	2,282	2,282	-	-	-	-	-	-																			
TOTAL	11,296	FY 16/17 Total =				-				FY 17/18 Total =				355				FY 18/19 Total =				3,276				FY 19/20 Total =				7,665				FY 20/21 Total =				-			
				Encumbered =				Encumbered =																																	

Remarks: EAL includes design, permitting, bidding, construction engineering & inspection and post-design services.

Estimated total cost of future construction is \$8.4 million (2016 \$). Includes friction course repair only of existing lanes through widening limits.

Year need 2020

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

Design
6/27/13
5/2/16
SP
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 528 / SR 436 Bridge Deck Replacement
SR 528
Existing System Improvements
Bridge Deck Replacement
Design & Construction

528-130

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021				
EAL	2,530			630	630	10	315	315	315	315																
Construction	10,500						2,625	2,625	2,625	2,625																
TOTAL	13,030	FY 16/17 Total =				4,210	FY 17/18 Total =				8,820	FY 18/19 Total =				-	FY 19/20 Total =				-	FY 20/21 Total =				-
		Encumbered =					Encumbered =																			

Cash Flow Inflated (in thousands \$) :		Base Inflation Rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%				FY 2018 2.7%				FY 2019 2.8%				FY 2020 2.6%				FY 2021 2.5%			
Activity	Totals \$	2016				2017				2018				2019				2020				2021							
EAL	2,563			630	630	10	323	323	323	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Construction	10,765			-	-	-	2,691	2,691	2,691	2,691	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
TOTAL	13,328	FY 16/17 Total = 4,285				FY 17/18 Total = 9,044				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -											
		Encumbered =				Encumbered =																							

Remarks: EAL includes design, permitting, bidding, construction engineering & inspection and post-design services.
Includes bridge replacements and widenings for three bridges at the SR 528 / SR 436 Interchange (Alternate 4 Concept)
Design contract \$1.26 m. Estimated construction \$10.5 m (2016 \$).

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

Design
6/27/13
5/3/16
SP
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 528 Econ River Bridge
SR 528
Existing System Improvements
Bridge Replacement & Widening
Design & Construction

528-131

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	2,145			200	10	322	322	322	322	322	322														
Construction	16,122					2,687	2,687	2,687	2,687	2,687	2,687														
TOTAL	18,267			FY 16/17 Total = 6,229				FY 17/18 Total = 12,038				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -					
				Encumbered = 200				Encumbered =																	

Cash Flow Inflated (in thousands \$) :				Base Inflation Rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%				FY 2018 2.7%				FY 2019 2.8%				FY 2020 2.6%				FY 2021 2.5%			
Activity	Totals \$	2016				2017				2018				2019				2020				2021									
EAL	2,183			200	10	329	329	329	329	329	329	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Construction	16,426			-	-	2,738	2,738	2,738	2,738	2,738	2,738	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
TOTAL	18,609	FY 16/17 Total = 6,343				FY 17/18 Total = 12,266				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -													
		Encumbered = 200				Encumbered =																									

Remarks: EAL includes design, permitting, bidding, construction engineering & inspection and post-design services.
Estimated construction cost of \$16.1 m (2016 \$) includes bridge replacement and widening.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

On-going
3/1/95
5/3/16
SP
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

Systemwide Safety and Operational Improvement Projects
Systemwide
Existing System Improvements
Minor Roadway Projects
Design & Construction
(Projects to be determined)

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding & Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	230			10	20	20	20		20	10	10		20	10	10		20	10	10		20	10	10		
Construction	1,790				250	250	250			130	130			130	130			130	130			130	130		
TOTAL	2,020	FY 16/17 Total = 820				FY 17/18 Total = 300				FY 18/19 Total = 300				FY 19/20 Total = 300				FY 20/21 Total = 300							
		Encumbered =				Encumbered =																			

Cash Flow Inflated (in thousands \$) :

Base Inflation Rate = 2.6%

Const. Inflation Rates =

FY 20172.5%

FY 20182.7%

FY 20192.8%

FY 20202.6%

FY 20212.5%

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	230			10	20	20	20	-	20	10	10	-	20	10	10	-	20	10	10	-	20	10	10		
Construction	1,790			-	250	250	250	-	-	130	130	-	-	130	130	-	-	130	130	-	-	130	130		
TOTAL	2,020	FY 16/17 Total = 820				FY 17/18 Total = 300				FY 18/19 Total = 300				FY 19/20 Total = 300				FY 20/21 Total = 300							
		Encumbered =				Encumbered =																			

Remarks: EAL includes design, permitting, bidding, construction engineering & inspection and post-design services.
No inflation has been added. Annual escalation assumed to be included in total dollars allocated per fiscal year.
Includes misc. turnlane and intersection improvements. Includes Project 417-735, SR 417 / Narcoossee SB Off Ramp Improvements in FY 17.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

On-going
4/1/97
3/16/16
SP
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

Systemwide Guardrail Upgrade
Systemwide
Existing System Improvements
Guardrail Improvements
Design & Construction
(Projects to be determined)

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding/Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	100				10	5	5		10	5	5		10	5	5		10	5	5		10	5	5		
Construction	650					65	65			65	65			65	65			65	65			65	65		
TOTAL	750																								
		FY 16/17 Total =				150				FY 17/18 Total =				150				FY 18/19 Total =				150			
		Encumbered =																							

Cash Flow Inflated (in thousands \$) :

Base Inflation Rate =2.6%

Const. Inflation Rates =

FY 20172.5%

FY 20182.7%

FY 20192.8%

FY 20202.6%

FY 20212.5%

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	100			-	10	5	5	-	10	5	5	-	10	5	5	-	10	5	5	-	10	5	5		
Construction	650			-	-	65	65	-	-	65	65	-	-	65	65	-	-	65	65	-	-	65	65		
TOTAL	750																								
		FY 16/17 Total =				150				FY 17/18 Total =				150				FY 18/19 Total =				150			
		Encumbered =																							

Remarks: EAL includes design, bidding, construction engineering & inspection and post-design services.

No inflation has been added. Annual escalation assumed to be included in total dollars allocated per fiscal year.

Project Information

Project Name/Number :	Systemwide Drainage Improvements	# -
Route Number :	Systemwide	
Project Category :	Existing System Improvements	
Work Description :	Drainage Improvements	
	Design & Construction	
	(Projects to be determined)	

[illegible]

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	100				10	5	5		10	5	5		10	5	5		10	5	5		10	5	5		
Construction	650					65	65			65	65			65	65			65	65			65	65		
TOTAL	750					FY 16/17 Total = 150				FY 17/18 Total = 150				FY 18/19 Total = 150				FY 19/20 Total = 150				FY 20/21 Total = 150			
						Encumbered =				Encumbered =															

[illegible]

ESI 9
5/12/2016

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

On-going
4/1/99
3/16/16
SP
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

Systemwide Roadway Lighting
Systemwide
Existing System Improvements
Lighting Rehabilitation
Design & Construction
(Projects to be determined)

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	696			154	154	154	154		10	5	5		10	5	5		10	5	5		10	5	5		
Construction	5,650					2,565	2,565			65	65			65	65			65	65			65	65		
TOTAL	6,346			FY 16/17 Total = 5,746				FY 17/18 Total = 150				FY 18/19 Total = 150				FY 19/20 Total = 150				FY 20/21 Total = 150					
				Encumbered =				Encumbered =																	

Cash Flow Inflated (in thousands \$) :				Base Inflation Rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%					
Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	696			154	154	154	154	-	10	5	5	-	10	5	5	-	10	5	5	-	10	5	5		
Construction	5,650			-	-	2,565	2,565	-	-	65	65	-	-	65	65	-	-	65	65	-	-	65	65		
TOTAL	6,346	FY 16/17 Total = 5,746				FY 17/18 Total = 150				FY 18/19 Total = 150				FY 19/20 Total = 150				FY 20/21 Total = 150							
		Encumbered =				Encumbered =																			

Remarks: EAL includes design, bidding, construction engineering & inspection and post-design services.
No inflation has been added. Annual escalation assumed to be included in total dollars allocated per fiscal year.
Includes \$5.0 million in FY 2017 to replace high mast lighting at SR 417 / SR 528 interchange.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

Design & ROW Acquisition
6/17/14
4/21/16
SP
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 417 / SR 528 Ramp Improvements
SR 417 & SR 528
Existing System Improvements
Ramp Improvements
Design, ROW & Construction

599-126

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Construction																								
Right of Way																								
Mitigation																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	1,098			272	10	272	272	272																	
Construction	6,798					2,266	2,266	2,266																	
Right of Way	400			400																					
Mitigation	208			208																					
TOTAL	8,504			FY 16/17 Total = 5,966				FY 17/18 Total = 2,538				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -					
				Encumbered = 272				Encumbered =																	

Cash Flow Inflated (in thousands \$) :				Base Inflation Rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%					
Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	1,114			272	10	277	277	277	-	-	-	-	-	-	-	-	-	-	-	-	-				
Construction	6,926			-	-	2,309	2,309	2,309	-	-	-	-	-	-	-	-	-	-	-	-	-				
Right of Way	400			400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Mitigation	208			208	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
TOTAL		8,648		FY 16/17 Total = 6,062				FY 17/18 Total = 2,586				FY 18/19 Total = -		FY 19/20 Total = -				FY 20/21 Total = -							
				Encumbered = 272				Encumbered =																	

Remarks: EAL includes design, permitting, bidding, construction engineering & inspection and post-design services.
Estimated \$6.8 million construction (2016 \$).
Includes improvements to the Southbound SR 417 off ramp to Westbound SR 528.
R/W offer \$351 thousand & Mitigation Bank cost \$208 thousand.

Central Florida Expressway Authority
Five-Year Work Plan
Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

Design
5/7/15
4/21/16
SP
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 429 / CR 535 Northbound On Ramp Improvements
SR 429
Existing System Improvements
On Ramp Improvements
Design & Construction

429-654D

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Construction																								
Toll Equipment																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	866			143	143	143	10	143	143	143															
Construction	3,567							1,189	1,189	1,189															
Toll Equipment	420									420															
TOTAL	4,853			FY 16/17 Total = 438				FY 17/18 Total = 4,415				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -					
				Encumbered =				Encumbered =																	

Cash Flow Inflated (in thousands \$) :		Base Inflation Rate =		2.6%				Const. Inflation Rates =		FY 2017		2.5%		FY 2018		2.7%		FY 2019		2.8%		FY 2020		2.6%		FY 2021		2.5%													
Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	883			144	144	144	10	147	147	147	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
Construction	3,682			-	-	-	-	1,227	1,227	1,227	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
Toll Equipment	439			-	-	-	-	-	-	439	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
TOTAL	5,004	FY 16/17 Total =				441				FY 17/18 Total =				4,563				FY 18/19 Total =				-				FY 19/20 Total =				-				FY 20/21 Total =				-			
		Encumbered =								Encumbered =																															

Remarks: EAL includes design, permitting, bidding, construction engineering & inspection and post-design services.
Includes adding an additional toll lane to NB SR 429 ramp plaza @ CR 535.
New toll equipment needed for both Epass lanes. (2 Lanes)

Central Florida Expressway Authority
Five-Year Work Plan
Project Information

Current Status : Bidding

Priority : 1

Date Originated : 5/7/15

Last Revision : 4/21/16

Fund Source : SP

Length (miles) : -

From: -To: -

Project Name/Number : SR 417 / Curry Ford Road Southbound On Ramp Improvements

417-133

Route Number : SR 417

Project Category : Existing System Improvements

Work Description : On Ramp Improvements

Bidding & Construction

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	178			10	84	84																			
Construction	1,396				698	698																			
TOTAL	1,574			FY 16/17 Total =		1,574	FY 17/18 Total =		-	FY 18/19 Total =		-	FY 19/20 Total =		-	FY 20/21 Total =		-							
				Encumbered =			Encumbered =																		

Cash Flow Inflated (in thousands \$) :		Base Inflation Rate =		2.6%				Const. Inflation Rates =		FY 2017		2.5%		FY 2018		2.7%		FY 2019		2.8%		FY 2020		2.6%		FY 2021		2.5%													
Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	180			10	85	85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-													
Construction	1,414			-	707	707	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-													
TOTAL	1,593	FY 16/17 Total =				1,593				FY 17/18 Total =				-				FY 18/19 Total =				-				FY 19/20 Total =				-				FY 20/21 Total =				-			
		Encumbered =								Encumbered =																															

Remarks: EAL includes bidding, construction engineering & inspection and post-design services.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Construction

Priority : 1

Project Name/Number : Backup Data Center

599-132

Date Originated : 3/17/15

Last Revision : 4/28/16

Fund Source : SP

Length (miles) : -

From: -

To: -

Route Number :

Project Category : Renewal & Replacement Projects

Work Description : Backup Data Center

Design-Build

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design-Build																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	91			91																					
Design-Build	759			759																					
	-																								
TOTAL	850			FY 16/17 Total =		850	FY 17/18 Total =		-	FY 18/19 Total =		-	FY 19/20 Total =		-	FY 20/21 Total =		-							
				Encumbered =		850	Encumbered =																		

Cash Flow Inflated (in thousands \$) :

Base Inflation Rate = 2.6%

Const. Inflation Rates =

FY 2017 2.5%

FY 2018 2.7%

FY 2019 2.8%

FY 2020 2.6%

FY 2021 2.5%

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	91			91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Design-Build	759			759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
TOTAL	850	FY 16/17 Total = 850				FY 17/18 Total = -				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -							
		Encumbered = 850				Encumbered =																			

Remarks: EAL includes design, permitting, bidding, construction engineering & inspection and post-design services.

Construction of back-up data center at the Hiawassee mainline toll plaza.

Central Florida Expressway Authority
Five-Year Work Plan
Project Information

Current Status : Study

Priority : 1

Date Originated : 5/11/15

Last Revision : 3/16/16

Fund Source : SP

Length (miles) : -

From: -To: -

Project Name/Number : 2040 CFX Master Plan

Route Number : Systemwide

Project Category : Existing System Improvements

Work Description : Master Plan Study

Master Plan Study

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Master Plan Study																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
Master Plan Study	50			50																					
TOTAL	50			FY 16/17 Total = 50				FY 17/18 Total = -				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -					
				Encumbered = 50				Encumbered =																	

Cash Flow Inflated (in thousands \$) :		Base Inflation Rate =		2.6%		Const. Inflation Rates =		FY 2017		2.5%		FY 2018		2.7%		FY 2019		2.8%		FY 2020		2.6%		FY 2021		2.5%	
Activity	Totals \$	2016				2017				2018				2019				2020				2021					
Master Plan Study	50			50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
TOTAL	50			FY 16/17 Total =		50		FY 17/18 Total =		-		FY 18/19 Total =		-		FY 19/20 Total =		-		FY 20/21 Total =		-					
				Encumbered =		50		Encumbered =																			

Remarks: Final production of the 2040 Master Plan.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
3/1/16
4/21/16
SP
3.6
International Drive

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 417 Widening from International Drive to John Young Parkway
SR 417
Existing System Improvements
Add Lanes, Mill and Resurface
Design & Partial Construction

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	3,161																	684	684	684	684	10	415		
Construction	3,455																						3,455		
TOTAL	6,616																								
FY 16/17 Total =				-	FY 17/18 Total =				-	FY 18/19 Total =				-	FY 19/20 Total =				1,368	FY 20/21 Total =				5,248	
Encumbered =					Encumbered =																				

Cash Flow Inflated (in thousands \$) :				Base Inflation Rate =				2.6%				Const. Inflation Rates =				FY 2017		FY 2018		FY 2019		FY 2020		FY 2021																	
												2.5%		2.7%		2.8%		2.6%		2.5%																					
Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	3,499			-	-	-	-	-	-	-	-	-	-	-	-	-	754	754	754	754	11	472																			
Construction	3,937			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,937																			
TOTAL	7,436	FY 16/17 Total =				-				FY 17/18 Total =				-				FY 18/19 Total =				-				FY 19/20 Total =				1,508				FY 20/21 Total =				5,928			
		Encumbered =								Encumbered =																															

Remarks: EAL includes design, permitting, bidding, construction engineering & inspection and post-design services.
Construction estimated complete in Summer 2022.
Estimated total construction cost \$20.7 million (2016 \$).

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
3/1/16
4/21/16
SP
3.8
John Young Parkway

Priority :
1

To: Landstar Boulevard

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 417 Widening from John Young Parkway to Landstar Boulevard
SR 417
Existing System Improvements
Add Lanes, Mill and Resurface
Design & Partial Construction

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
Design	3,794																726	726	726	726	10	440	440		
Construction	7,330																					3,665	3,665		
TOTAL	11,124																								
FY 16/17 Total =				-	FY 17/18 Total =				-	FY 18/19 Total =				-	FY 19/20 Total =				2,178	FY 20/21 Total =				8,946	
Encumbered =					Encumbered =																				

Cash Flow Inflated (in thousands \$) :		Base Inflation Rate =		2.6%				Const. Inflation Rates =		FY 2017		2.5%		FY 2018		2.7%		FY 2019		2.8%		FY 2020		2.6%		FY 2021		2.5%					
Activity	Totals \$	2016				2017				2018				2019				2020				2021											
Design	4,186			-	-	-	-	-	-	-	-	-	-	-	-	-	795	795	795	795	11	498	498										
Construction	8,301			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,150	4,150										
TOTAL	12,487			FY 16/17 Total =				-		FY 17/18 Total =				-		FY 18/19 Total =				-		FY 19/20 Total =				2,385		FY 20/21 Total =				10,102	
						Encumbered =																											

Remarks: EAL includes design, permitting, bidding, construction engineering & inspection and post-design services.

Construction estimated complete in Spring 2022.

Estimated total construction cost \$22.0 million (2016 \$).

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
3/1/16
4/21/16
SP
2.7
Plant Street

Priority :
1

To: West Road

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 429 Widening from Plant Street to West Road
SR 429
Existing System Improvements
Add Lanes, Mill and Resurface
Design

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	1,068																				534	534																			
TOTAL	1,068	FY 16/17 Total =				-				FY 17/18 Total =				-				FY 18/19 Total =				-				FY 19/20 Total =				-				FY 20/21 Total =				1,068			
		Encumbered =								Encumbered =																															

Cash Flow Inflated (in thousands \$) :

Base Inflation Rate = 2.6%

Const. Inflation Rates =

FY 2017 2.5%

FY 2018 2.7%

FY 2019 2.8%

FY 2020 2.6%

FY 2021 2.5%

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	1,208			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	604	604		
TOTAL	1,208			FY 16/17 Total = -				FY 17/18 Total = -				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = 1,208					
		Encumbered =				Encumbered =																			

Remarks: EAL includes design.
Year need 2023.
Estimated total construction cost \$16.2 million (2016 \$).

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
3/1/16
4/21/16
SP
1.5
Florida's Turnpike / SR 50

Priority :
1

To: Plant Street

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 429 Widening from Florida's Turnpike to Plant Street
SR 429
Existing System Improvements
Add Lanes, Mill and Resurface
Design & Construction

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021				
EAL	1,422										185	185	185		185	10	112	112	112	112	112					
Construction	5,598																933	933	933	933	933					
TOTAL	7,020	FY 16/17 Total =				-	FY 17/18 Total =				185	FY 18/19 Total =				565	FY 19/20 Total =				4,180	FY 20/21 Total =				2,090
		Encumbered =					Encumbered =																			

Cash Flow Inflated (in thousands \$) :		Base Inflation Rate =				2.6%				Const. Inflation Rates =				FY 2017				FY 2018				FY 2019				FY 2020				FY 2021											
														2.5%				2.7%				2.8%				2.6%				2.5%											
Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	1,521			-	-	-	-	-	-	195	195	195	11	122	122	122	122	122	122	-	-																				
Construction	6,102			-	-	-	-	-	-	-	-	-	-	-	1,017	1,017	1,017	1,017	1,017	-	-																				
TOTAL	7,623	FY 16/17 Total =				-				FY 17/18 Total =				195				FY 18/19 Total =				595				FY 19/20 Total =				4,555				FY 20/21 Total =				2,278			
		Encumbered =																																							

Remarks: EAL includes design, permitting, bidding, construction engineering & inspection and post-design services.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Study

Priority : 1

Date Originated : 3/1/16

Last Revision : 5/2/16

Fund Source : SP

Length (miles) : -

From: - To: -

Project Name/Number : Multimodal/Intermodal Opportunity Study

-

Route Number : Systemwide

Project Category : Existing System Improvements

Work Description : Multimodal/Intermodal Study

Multimodal/Intermodal Study

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Study																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
Study	1,300			50	50			150	150			150	150			150	150			150	150				
TOTAL	1,300			FY 16/17 Total = 100				FY 17/18 Total = 300				FY 18/19 Total = 300				FY 19/20 Total = 300				FY 20/21 Total = 300					
				Encumbered =				Encumbered =																	

Cash Flow Inflated (in thousands \$) :

Base Inflation Rate = 2.6%

Const. Inflation Rates =

FY 2017 2.5%

FY 2018 2.7%

FY 2019 2.8%

FY 2020 2.6%

FY 2021 2.5%

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
Study	1,300			50	50	-	-	150	150	-	-	150	150	-	-	150	150	-	-	150	150	-	-		
TOTAL	1,300			FY 16/17 Total = 100				FY 17/18 Total = 300				FY 18/19 Total = 300				FY 19/20 Total = 300				FY 20/21 Total = 300					
				Encumbered =				Encumbered =																	

Remarks: Study by CUTR in FY 17.

Future studies based on findings and recommendations from CUTR study.

No inflation has been added. Annual escalation assumed to be included in total dollars allocated per fiscal year.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
3/1/16
4/21/16
SP
1.6
Curry Ford Road

Priority :
1

To: Lake Underhill Road

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 417 Widening - Curry Ford to Lake Underhill Landscaping
SR 417
Existing System Improvements
Landscaping
Design, Installation & Maintenance

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Installation																								
Maintenance																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	48					9	9	10	10	10															
Construction	250								125	125															
Maintenance	30										5	5	5	5	5	5									
TOTAL	328					FY 16/17 Total = 18				FY 17/18 Total = 285				FY 18/19 Total = 20				FY 19/20 Total = 5				FY 20/21 Total = -			
						Encumbered =				Encumbered =															

Cash Flow Inflated (in thousands \$) :				Base Inflation Rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%					
Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	49			-	-	9	9	10	10	10	-	-	-	-	-	-	-	-	-	-	-				
Construction	260			-	-	-	-	-	130	130	-	-	-	-	-	-	-	-	-	-	-				
Maintenance	32			-	-	-	-	-	-	-	5	5	5	5	5	-	-	-	-	-	-				
TOTAL	341			FY 16/17 Total = 18				FY 17/18 Total = 296				FY 18/19 Total = 21				FY 19/20 Total = 5				FY 20/21 Total = -					
				Encumbered =				Encumbered =																	

Remarks: EAL includes design, bidding, construction engineering & inspection and post-design services.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
3/1/16
4/21/16
SP
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 408 / SR 417 Interchange Landscaping
SR 417
Existing System Improvements
Interchange Landscaping
Design, Installation & Partial Maintenance

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Installation																								
Maintenance																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	146														32	32	10	36	36						
Installation	900																	450	450						
Maintenance	15																			5	5	5			
TOTAL	1,061				FY 16/17 Total = -			FY 17/18 Total = -			FY 18/19 Total = -			FY 19/20 Total = 560			FY 20/21 Total = 501								
					Encumbered =			Encumbered =																	

Cash Flow Inflated (in thousands \$) :										Base Inflation Rate =		2.6%		Const. Inflation Rates =				FY 2017		FY 2018		FY 2019		FY 2020		FY 2021															
																		2.5%		2.7%		2.8%		2.6%		2.5%															
Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	161			-	-	-	-	-	-	-	-	-	-	-	-	35	35	11	40	40	-	-	-																		
Installation	1,000			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	500	500	-	-	-																		
Maintenance	17			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	6																			
TOTAL	1,178	FY 16/17 Total =				-				FY 17/18 Total =				-				FY 18/19 Total =				-				FY 19/20 Total =				621				FY 20/21 Total =				557			
				Encumbered =								Encumbered =																													

Remarks: EAL includes design, bidding, construction engineering & inspection and post-design services.

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
3/1/16
4/21/16
SP
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 417 / Florida's Turnpike Interchange Landscaping
SR 417
Existing System Improvements
Interchange Landscaping
Design, Installation & Partial Maintenance

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Installation																								
Maintenance																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	108														23	23	10	26	26						
Installation	650																	325	325						
Maintenance	15																			5	5	5			
TOTAL	773				FY 16/17 Total = -				FY 17/18 Total = -				FY 18/19 Total = -				FY 19/20 Total = 407				FY 20/21 Total = 366				
					Encumbered =				Encumbered =																

Cash Flow Inflated (in thousands \$) :				Base Inflation Rate =				2.6%				Const. Inflation Rates =				FY 2017		FY 2018		FY 2019		FY 2020		FY 2021																	
												2.5%		2.7%		2.8%		2.6%		2.5%																					
Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	119			-	-	-	-	-	-	-	-	-	-	25	25	11	29	29	-	-	-																				
Installation	722			-	-	-	-	-	-	-	-	-	-	-	-	-	361	361	-	-	-																				
Maintenance	17			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	6																				
TOTAL	858	FY 16/17 Total =				-				FY 17/18 Total =				-				FY 18/19 Total =				-				FY 19/20 Total =				451				FY 20/21 Total =				407			
				Encumbered =								Encumbered =																													

Remarks: EAL includes design, bidding, construction engineering & inspection and post-design services.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Maintenance

Priority : 1

Project Name/Number : SR 429 / SR 414 Interchange Landscape

429-200F

Date Originated : 5/29/13

Last Revision : 4/28/16

Fund Source : SP

Length (miles) : -

From: - To: -

Route Number : SR's 414 & 429

Project Category : Expansion Projects

Work Description : Landscaping

Maintenance

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Maintenance																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
Maintenance	25			5	5	5	5	5																	
TOTAL	25	FY 16/17 Total = 20				FY 17/18 Total = 5				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -							
		Encumbered = 20				Encumbered = 5																			

Cash Flow Inflated (in thousands \$) :

Base Inflation Rate = 2.6%

Const. Inflation Rates =

FY 2017 2.5%

FY 2018 2.7%

FY 2019 2.8%

FY 2020 2.6%

FY 2021 2.5%

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
Maintenance	25			5	5	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TOTAL	25	FY 16/17 Total = 20				FY 17/18 Total = 5				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -							
		Encumbered = 20				Encumbered = 5																			

Remarks:

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

Design
5/29/13
4/21/16
SP
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 429 / SR 414 Interchange Landscape Phase II
SR's 414, 429 & 451
Expansion Projects
Landscaping
Design, Installation & Maintenance

429-200G

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Installation																								
Maintenance																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	236			53	53	10	60	60																	
Installation	1,500					750	750																		
Maintenance	40								5	5	5	5	5	5	5										
TOTAL	1,776			FY 16/17 Total = 926				FY 17/18 Total = 825				FY 18/19 Total = 20				FY 19/20 Total = 5				FY 20/21 Total = -					
				Encumbered =				Encumbered =																	

Cash Flow Inflated (in thousands \$) :		Base Inflation rate =		2.6%				Const. Inflation Rates =		2.5%		FY 2017		FY 2018		FY 2019		FY 2020		FY 2021					
Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	240			53	53	10	62	62	-	-	-	-	-	-	-	-	-	-	-	-	-				
Installation	1,538			-	-	-	769	769	-	-	-	-	-	-	-	-	-	-	-	-	-				
Maintenance	42			-	-	-	-	-	5	5	5	5	5	5	5	-	-	-	-	-	-				
TOTAL		1,819		FY 16/17 Total = 947				FY 17/18 Total = 846				FY 18/19 Total = 21				FY 19/20 Total = 5				FY 20/21 Total = -					
				Encumbered =				Encumbered =																	

Remarks: EAL includes design, bidding and construction engineering & inspection.
\$1.5 million construction

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : PD&E

Priority : 1

Date Originated : 4/30/10

Last Revision : 5/2/16

Fund Source : SP

Length (miles) : 7.3

From: Challenger Parkway

To: SR 520

Project Name/Number : SR 408 Eastern Extension

408-254

Route Number : SR 408

Project Category : System Expansion Projects

Work Description : New Expressway

PD&E & 15% Line & Grade

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
PD&E																								
Selection																								
15% Line & Grade																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
PD&E	1,200			550	550	10	23	23	23	23																															
15% Line & Grade	3,000						750	750	750	750																															
TOTAL	4,200	FY 16/17 Total =				1,883				FY 17/18 Total =				2,318				FY 18/19 Total =				-				FY 19/20 Total =				-				FY 20/21 Total =				-			
		Encumbered =				1,100				Encumbered =																															

Cash Flow Inflated (in thousands \$) :		Base Inflation rate = 2.6%				Const. Inflation Rates =												FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%	
Activity	Totals \$	2016				2017				2018				2019				2020				2021					
PD&E	1,202			550	550	10	23	23	23	23	-	-	-	-	-	-	-	-	-	-	-	-					
15% Line & Grade	3,076			-	-	-	769	769	769	769	-	-	-	-	-	-	-	-	-	-	-	-	-				
TOTAL	4,278	FY 16/17 Total = 1,902				FY 17/18 Total = 2,376				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -									
		Encumbered = 1,100				Encumbered =																					

Remarks: PD&E \$2.2 m contract; \$1m remaining; includes additional 10% for PM fees
Construction cost to be estimated at conclusion of PD&E Study.

Central Florida Expressway Authority

Five-Year Work Plan

Project Information

Current Status : Selection

Priority : 1

Date Originated : 3/1/16

Last Revision : 5/3/16

Fund Source : SP

Length (miles) : 8.0

From: SR 528

To: Northeast District

Project Name/Number : SR 528 / Northeast District Connector Study

528-215

Route Number : -

Project Category : System Expansion Projects

Work Description : New Expressway

Concept, Feasibility & Mobility Study

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Selection																								
C, F & M Study																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
Selection	10			10																					
C, F & M Study	1,100			275	275	275	275																		
TOTAL	1,110			FY 16/17 Total = 835				FY 17/18 Total = 275				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -					
				Encumbered = -				Encumbered =																	

Cash Flow Inflated (in thousands \$) :		Base Inflation rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%							
Activity	Totals \$	2016				2017				2018				2019				2020				2021			
Selection	10			10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
C, F & M Study	1,100			-	275	275	275	275	-	-	-	-	-	-	-	-	-	-	-	-	-				
TOTAL	1,110			FY 16/17 Total = 835				FY 17/18 Total = 275				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -					
				Encumbered = -				Encumbered =																	

Remarks: Study to examine north / south connection between SR 528 and Northeast District in Osceola County. Approximately 8 miles. Task Force Corridor H.

No inflation has been added. Annual escalation assumed to be included in total dollars allocated per fiscal year.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Selection

Priority : 1

Project Name/Number : Expansion Projects

-

Date Originated : 3/1/16

Last Revision : 5/3/16

Fund Source : SP

Length (miles) : -

From: - To: -

Route Number : -

Project Category : System Expansion Projects

Work Description : New Expressway

Concept, Feasibility & Mobility Study

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
OCX Master Plan Selection																								
OCX C, F & M Studies																								
Selection																								
C, F & M Study																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
Selection	30			10	10					10															
OCX C, F & M	4,250				1,063	1,063	1,063																		
C, F & M Study	2,600					400	400	400	400		250	250	250	250											
TOTAL	6,880			FY 16/17 Total = 4,008				FY 17/18 Total = 2,123				FY 18/19 Total = 750				FY 19/20 Total = -				FY 20/21 Total = -					
				Encumbered = -				Encumbered = -																	

Cash Flow Inflated (in thousands \$) :

Base Inflation rate = 2.6%

Const. Inflation Rates =

FY 2017 2.5%

FY 2018 2.7%

FY 2019 2.8%

FY 2020 2.6%

FY 2021 2.5%

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
Selection	30			10	10	-	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-		
OCX C, F & M	4,250			-	1,063	1,063	1,063	1,063	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
C, F & M Study	2,600			-	-	400	400	400	400	-	250	250	250	250	-	-	-	-	-	-	-	-	-		
TOTAL	6,880	FY 16/17 Total = 4,008				FY 17/18 Total = 2,123				FY 18/19 Total = 750				FY 19/20 Total = -				FY 20/21 Total = -							
		Encumbered = -				Encumbered = -																			

Remarks: Icludes future expansion projects in Lake, Orange, Osceola and Seminole Counties.
OCX in FY 2017; SR 414 Direct, Andes Avenue and NE Connector Expwy Ext in FY 2017; Lake/Orange Connector in FY 2018.
No inflation has been added. Annual escalation assumed to be included in total dollars allocated per fiscal year.

Central Florida Expressway Authority
Five-Year Work Plan
Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
3/1/16
4/21/16
SP
-
US 441 Interchange

Priority :
1

To: North of Ponkan

Project Name/Number :
Route Number :
Project Category :
Work Description :

Wekiva Parkway Section 1A Landscaping
SR 429
Expansion Projects
Landscaping
Design, Installation & Maintenance

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Installation																								
Maintenance																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021				
EAL	184						41	41	10	46	46															
Installation	1,150									575	575															
Maintenance	40											5	5	5	5	5	5	5	5							
TOTAL	1,374	FY 16/17 Total =				41	FY 17/18 Total =				1,293	FY 18/19 Total =				20	FY 19/20 Total =				20	FY 20/21 Total =				-
		Encumbered =				-	Encumbered =				-															

Cash Flow Inflated (in thousands \$) :		Base Inflation Rate =		2.6%				Const. Inflation Rates =		FY 2017		2.5%		FY 2018		2.7%		FY 2019		2.8%		FY 2020		2.6%		FY 2021		2.5%													
Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	191			-	-	-	42	42	10	48	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
Installation	1,203			-	-	-	-	-	-	602	602	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-															
Maintenance	42			-	-	-	-	-	-	-	-	5	5	5	5	5	5	5	5	-	-	-	-	-	-	-															
TOTAL	1,436	FY 16/17 Total =				42				FY 17/18 Total =				1,352				FY 18/19 Total =				21				FY 19/20 Total =				21				FY 20/21 Total =				-			
		Encumbered =				-				Encumbered =				-																											

Remarks: EAL includes design, bidding, construction engineering & inspection and post-design services.
Interchange landscaping at US 441 / Connector Road.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
3/1/16
4/21/16
SP
-
North of Ponkan Road

Priority :
1

To: North of Kelly Park Road

Project Name/Number :
Route Number :
Project Category :
Work Description :

Wekiva Parkway Section 1B Landscaping
SR 429
Expansion Projects
Landscaping
Design, Installation & Maintenance

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Installation																								
Maintenance																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	240									55	55	10	60	60																											
Installation	1,500												750	750																											
Maintenance	40														5	5	5	5	5	5	5	5																			
TOTAL	1,780	FY 16/17 Total =				-				FY 17/18 Total =				55				FY 18/19 Total =				1,685				FY 19/20 Total =				20				FY 20/21 Total =				20			
		Encumbered =				-																																			

Cash Flow Inflated (in thousands \$) :				Base Inflation Rate =				2.6%				Const. Inflation Rates =				FY 2017		FY 2018		FY 2019		FY 2020		FY 2021																	
												2.5%		2.7%		2.8%		2.6%		2.5%																					
Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	255			-	-	-	-	-	-	58	58	11	64	64	-	-	-	-	-	-	-	-																			
Installation	1,613			-	-	-	-	-	-	-	-	-	807	807	-	-	-	-	-	-	-	-																			
Maintenance	44			-	-	-	-	-	-	-	-	-	-	-	5	5	5	5	5	5	5	5																			
TOTAL	1,912	FY 16/17 Total =				-				FY 17/18 Total =				58				FY 18/19 Total =				1,811				FY 19/20 Total =				22				FY 20/21 Total =				22			
		Encumbered =				-				Encumbered =				-																											

Remarks: EAL includes design, bidding, construction engineering & inspection and post-design services.
Interchange landscaping at Kelly Park Road.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

Construction
7/7/11
3/16/16
SP / CF
2.3
US-441 Interchange

Priority :
1

To: North of Ponkan Road

Project Name/Number :
Route Number :
Project Category :
Work Description :

Wekiva Parkway Section 1A
SR 429
Expansion Projects
New Expressway
Construction

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Construction																								
Toll Equipment																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021				
EAL	2,701			900	900	900																				
Construction	28,429			9,476	9,476	9,476																				
Toll Equipment	1,680					1,680																				
	-																									
TOTAL	32,810	FY 16/17 Total =				32,810	FY 17/18 Total =				-	FY 18/19 Total =				-	FY 19/20 Total =				-	FY 20/21 Total =				-
		Encumbered =				32,810	Encumbered =				-															

Cash Flow Inflated (in thousands \$) :		Base Inflation Rate = 2.6%						Const. Inflation Rates =						FY 2017 2.5%	FY 2018 2.7%	FY 2019 2.8%	FY 2020 2.6%	FY 2021 2.5%							
Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	2,701			900	900	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Construction	28,429			9,476	9,476	9,476	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Toll Equipment	1,680			-	-	1,680	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
TOTAL	32,810			FY 16/17 Total = 32,810				FY 17/18 Total = -				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -					
				Encumbered = 32,810				Encumbered = -																	

Remarks: EAL includes construction engineering & inspection and post-design services.
Low Bid \$56.2 m. Additional 3% cost to complete. Includes gantry for this section. CEI portion of EAL includes CEI (\$4.1 m contract), post design cost (~1% construction), and miscellaneous PM fees.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

Construction
7/7/11
3/16/16
SP / CF
2.3
North of Ponkan Road

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

Wekiva Parkway Section 1B
SR 429
Expansion Projects
New Expressway
Construction

429-203

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	2,568			856	856	856																			
Construction	22,604			7,535	7,535	7,535																			
	-																								
	-																								
TOTAL	25,173			FY 16/17 Total =		25,173		FY 17/18 Total =		-		FY 18/19 Total =		-		FY 19/20 Total =		-		FY 20/21 Total =		-			
				Encumbered =		25,173		Encumbered =		-															

Cash Flow Inflated (in thousands \$) :		Base Inflation Rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%							
Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	2,568			856	856	856	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Construction	22,604			7,535	7,535	7,535	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
TOTAL	25,173			FY 16/17 Total = 25,173				FY 17/18 Total = -				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -					
				Encumbered = 25,173				Encumbered = -																	

Remarks: EAL includes construction engineering & inspection and post-design services.
Low Bid \$46.6 M (2015\$). Additional 3% cost to complete. CEI portion of EAL includes CEI (\$3.9 m contract), post design costs (~1% construction), and miscellaneous PM fees.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

Construction
7/7/11
4/21/16
SP / CF
2.0
North of Kelly Park Road

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

Wekiva Parkway Section 2B
SR 429
Expansion Projects
New Expressway
Construction

429-204

To: East of CR 437 and North to Lake County Line

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Construction																								
Utilities																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	8,786			1,464	1,464	1,464	1,464	1,464	1,464																
Construction	70,230			11,705	11,705	11,705	11,705	11,705	11,705																
Utilities	2,000				2,000																				
TOTAL	81,016			FY 16/17 Total = 54,678				FY 17/18 Total = 26,339				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -					
				Encumbered = 54,678				Encumbered = 26,339																	

Cash Flow Inflated (in thousands \$) :		Base Inflation Rate =		2.6%				Const. Inflation Rates =		FY 2017		FY 2018		FY 2019		FY 2020		FY 2021							
										2.5%		2.7%		2.8%		2.6%		2.5%							
Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	8,786			1,464	1,464	1,464	1,464	1,464	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Construction	70,230			11,705	11,705	11,705	11,705	11,705	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Utilities	2,000			-	2,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
TOTAL	81,016			FY 16/17 Total =		54,678		FY 17/18 Total =		26,339		FY 18/19 Total =		-		FY 19/20 Total =		-		FY 20/21 Total =		-			
				Encumbered =		54,678		Encumbered =		26,339															

Remarks: EAL includes construction engineering and , and post design services.
Construction contract \$79.6 M (2016\$). CEI portion of EAL includes CEI (10% construction), post design costs (~1% construction), and miscellaneous PM fees.
Assume \$2 m Utility cost.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

Construction

7/7/11

3/16/16

SP / CF

2.0

East of CR 437

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

Wekiva Parkway Section 2A

SR 429

Expansion Projects

New Expressway

Construction

429-205

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Construction																								
Toll Equipment																								
Utility																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	6,338			1,056	1,056	1,056	1,056	1,056	1,056																																
Construction	43,740			7,290	7,290	7,290	7,290	7,290	7,290																																
Toll Equipment	1,680								1,680																																
Utility	1,200						1,200																																		
TOTAL	52,958	FY 16/17 Total =				34,585				FY 17/18 Total =				18,373				FY 18/19 Total =				-				FY 19/20 Total =				-				FY 20/21 Total =				-			
		Encumbered =				34,585				Encumbered =				18,373																											

Cash Flow Inflated (in thousands \$) :		Base Inflation Rate =		2.6%				Const. Inflation Rates =		FY 2017		FY 2018		FY 2019		FY 2020		FY 2021																						
										2.5%		2.7%		2.8%		2.6%		2.5%																						
Activity	Totals \$	2016				2017			2018				2019				2020				2021																			
EAL	6,379			1,063	1,063	1,063	1,063	1,063	-	-	-	-	-	-	-	-	-	-	-	-	-	-																		
Construction	44,013			7,335	7,335	7,335	7,335	7,335	-	-	-	-	-	-	-	-	-	-	-	-	-	-																		
Toll Equipment	1,747			-	-	-	-	-	1,747	-	-	-	-	-	-	-	-	-	-	-	-	-																		
Utility	1,200			-	-	-	1,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																		
TOTAL	53,339	FY 16/17 Total =				34,795			FY 17/18 Total =				18,544				FY 18/19 Total =				-				FY 19/20 Total =				-				FY 20/21 Total =				-			
		Encumbered =				34,795			Encumbered =				18,544																											

Remarks: EAL includes construction engineering & inspection and post-design services.
Estimated construction cost of \$43.7 M (2016\$). CEI portion of EAL includes CEI (10% construction), post design costs (~1% construction), and miscellaneous PM fees.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

Construction
7/7/11
4/21/16
SP / CF
1.3
Lake County Line

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

Wekiva Parkway Section 2C
SR 429
Expansion Projects
New Expressway
Construction

429-206

To: SR 46 East of Round Lake Road

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Construction																								
Toll Equipment																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	7,167			1,164	1,164	1,164	1,164	1,164	1,346																																
Construction	49,483			8,247	8,247	8,247	8,247	8,247	8,247																																
Toll Equipment	1,680								1,680																																
TOTAL	58,330	FY 16/17 Total =				37,645				FY 17/18 Total =				20,684				FY 18/19 Total =				-				FY 19/20 Total =				-				FY 20/21 Total =				-			
		Encumbered =				-				Encumbered =				-																											

Cash Flow Inflated (in thousands \$) :

Base Inflation Rate = 2.6%

Const. Inflation Rates = 2.5%

2.7%

2.8%

2.6%

2.5%

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	7,213			1,172	1,172	1,172	1,172	1,172	1,354	-	-	-	-	-	-	-	-	-	-	-	-	-			
Construction	49,792			8,299	8,299	8,299	8,299	8,299	8,299	-	-	-	-	-	-	-	-	-	-	-	-	-			
Toll Equipment	1,747			-	-	-	-	-	1,747	-	-	-	-	-	-	-	-	-	-	-	-	-			
TOTAL	58,752			FY 16/17 Total = 37,882				FY 17/18 Total = 20,870				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -					
				Encumbered = -				Encumbered = -																	

Remarks: EAL includes construction engineering and inspection, and post design services.
Construction contract amount \$49.5 M (2016\$). CEI portion of EAL includes CEI (10% construction), post design costs (~1% construction), and miscellaneous PM fees.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

Right of Way Acquisition
4/1/97
5/6/15
SP / CF
-
US 441

Priority :
1

To: East of Mt Plymouth Road and northwest to SR 46

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 429 - Wekiva Parkway (Right of Way)
SR 429
Expansion Projects
New Expressway
Right of Way

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Right of Way (Section 1A)																								
Right of Way (Section 1B)																								
Right of Way (Section 2B)																								
Right of Way (Section 2A)																								
Right of Way (Section 2C)																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
ROW (Sect 1A)	8,353			1,075	1,075	1,075	1,075	1,075	1,075	206	206	206	206												
ROW (Sect 1B)	31,789			4,093	4,093	4,093	4,093	4,093	4,093	785	785	785	785												
ROW (Sect 2B)	16,284			1,468	1,468	1,468	1,468	1,468	1,468	1,468	1,468	1,468	402	402	402	402									
ROW (Sect 2A)	3,137			314	314	314	314	314	314	314	314	77	77	77	77										
ROW (Sect 2C)	9,163			917	917	917	917	917	917	917	917	226	226	226	226										
TOTAL	68,726			FY 16/17 Total = 31,468				FY 17/18 Total = 27,292				FY 18/19 Total = 8,858				FY 19/20 Total = 1,108				FY 20/21 Total = -					
				Encumbered =				Encumbered =																	

Cash Flow Inflated (in thousands \$) :		Base Inflation Rate =		2.6%				Const. Inflation Rates =		FY 2017		2.5%		FY 2018		2.7%		FY 2019		2.8%		FY 2020		2.6%		FY 2021		2.5%													
Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
ROW (Sect 1A)	8,353			1,075	1,075	1,075	1,075	1,075	1,075	206	206	206	206	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
ROW (Sect 1B)	31,789			4,093	4,093	4,093	4,093	4,093	4,093	785	785	785	785	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-													
ROW (Sect 2B)	16,284			1,468	1,468	1,468	1,468	1,468	1,468	1,468	1,468	1,468	402	402	402	402	-	-	-	-	-	-	-	-	-	-	-	-													
ROW (Sect 2A)	3,137			314	314	314	314	314	314	314	314	77	77	77	77	-	-	-	-	-	-	-	-	-	-	-	-	-													
ROW (Sect 2C)	9,163			917	917	917	917	917	917	917	226	226	226	226	226	-	-	-	-	-	-	-	-	-	-	-	-	-													
TOTAL	68,726	FY 16/17 Total =				31,468				FY 17/18 Total =				27,292				FY 18/19 Total =				8,858				FY 19/20 Total =				1,108				FY 20/21 Total =				-			
				Encumbered =								Encumbered =																													

Remarks: No inflation has been added. Annual escalation assumed to be included in total dollars allocated per fiscal year.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

Construction
3/1/95
4/27/16
SP
-
SR 408/SR 417

Priority :

To:

1

Lake Underhill Road

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 408/SR 417 Interchange (Phase I)
SR 408 / SR 417
Interchange Projects
Add Ramps, Mill and Resurface
Construction

253F

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021				
EAL	3,244			811	811	811	811																			
Construction	27,032			6,758	6,758	6,758	6,758																			
TOTAL	30,276	FY 16/17 Total =				30,276	FY 17/18 Total =				-	FY 18/19 Total =				-	FY 19/20 Total =				-	FY 20/21 Total =				-
		Encumbered =				30,276	Encumbered =																			

Cash Flow Inflated (in thousands \$) :				Base Inflation rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%				FY 2018 2.7%				FY 2019 2.8%				FY 2020 2.6%				FY 2021 2.5%			
Activity	Totals \$	2016				2017				2018				2019				2020				2021									
EAL	3,244			811	811	811	811	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Construction	27,032			6,758	6,758	6,758	6,758	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
TOTAL	30,276			FY 16/17 Total = 30,276				FY 17/18 Total = -				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -											
				Encumbered = 30,276				Encumbered =																							

Remarks: EAL includes construction engineering & inspection and post-design services.
Low Bid = \$36.7 m; Construction began January 2016; 18 month duration

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
3/1/95
4/21/16
SP
-
SR 408/SR 417

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 408/SR 417 Interchange (Phase II)
SR 408 / SR 417
Interchange Projects
Add Ramps, Mill and Resurface
Design, Bidding & Construction

253G

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	7,708			90	90	90	10	928	928	928	928	928	928	928											
Construction	61,896							7,737	7,737	7,737	7,737	7,737	7,737	7,737											
TOTAL	69,604	FY 16/17 Total = 280				FY 17/18 Total = 34,662				FY 18/19 Total = 34,662				FY 19/20 Total = -				FY 20/21 Total = -							
		Encumbered =				Encumbered =																			

Cash Flow Inflated (in thousands \$) :				Base Inflation rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%					
Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	7,954			91	91	91	10	959	959	959	959	959	959	-	-	-	-	-	-	-	-				
Construction	63,886			-	-	-	-	7,986	7,986	7,986	7,986	7,986	7,986	7,986	-	-	-	-	-	-	-	-			
TOTAL	71,840			FY 16/17 Total = 282				FY 17/18 Total = 35,779				FY 18/19 Total = 35,779				FY 19/20 Total = -				FY 20/21 Total = -					
				Encumbered =				Encumbered =																	

Remarks: EAL includes design, permitting, bidding, construction engineering & inspection and post-design services.
Estimated construction cost of \$61.9 million (2016 \$) for Phase II

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
4/12/05
4/21/16
SP
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 429 / Schofield Road Interchange Landscaping
SR 429
Interchange Projects
Landscaping
Design, Installation & Maintenance

429-305

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Landscape Design																								
Bidding																								
Landscape Installation																								
Landscape Maintenance																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021				
EAL	63					12	13	10	28																	
Landscape Inst.	350								350																	
Landscape Maint..	40									5	5	5	5	5	5	5	5									
TOTAL	453	FY 16/17 Total =				12	FY 17/18 Total =				406	FY 18/19 Total =				20	FY 19/20 Total =				15	FY 20/21 Total =				-
		Encumbered =					Encumbered =																			

Cash Flow Inflated (in thousands \$) :				Base Inflation Rate =				2.6%				Const. Inflation Rates =				FY 2017				FY 2018				FY 2019				FY 2020				FY 2021									
												2.5%				2.7%				2.8%				2.6%				2.5%													
Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	65			-	-	-	12	13	10	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
Landscape Inst.	366			-	-	-	-	-	-	366	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
Landscape Maint..	42			-	-	-	-	-	-	-	5	5	5	5	5	5	5	5	-	-	-	-	-	-	-	-	-	-	-												
TOTAL	474	FY 16/17 Total =				12				FY 17/18 Total =				424				FY 18/19 Total =				21				FY 19/20 Total =				16				FY 20/21 Total =				-			
		Encumbered =				-				Encumbered =																															

Remarks:EAL includes design, bidding, construction engineering & inspection and post-design services.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
9/18/12
4/21/16
SP
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 417 / Boggy Creek Road Interchange (Phase III) Landscaping
SR 417
Interchange Projects
Landscaping
Design, Installation & Maintenance

417-301C

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Landscape Design																								
Bidding																								
Landscape Installation																								
Landscape Maintenance																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	122					26	26	10	30	30															
Landscape Inst.	750								375	375															
Landscape Maint..	40										5	5	5	5	5	5	5	5							
TOTAL	912					FY 16/17 Total = 52				FY 17/18 Total = 825				FY 18/19 Total = 20				FY 19/20 Total = 15				FY 20/21 Total = -			
						Encumbered =				Encumbered =															

Cash Flow Inflated (in thousands \$) :				Base Inflation Rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%					
Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	126			-	-	27	27	10	31	31	-	-	-	-	-	-	-	-	-	-	-				
Landscape Inst.	779			-	-	-	-	-	390	390	-	-	-	-	-	-	-	-	-	-	-				
Landscape Maint..	42			-	-	-	-	-	-	-	5	5	5	5	5	5	5	-	-	-	-				
TOTAL	947			FY 16/17 Total = 53				FY 17/18 Total = 857				FY 18/19 Total = 21				FY 19/20 Total = 16				FY 20/21 Total = -					
				Encumbered =				Encumbered =																	

Remarks: EAL includes landscape design, construction engineering & inspection for both interchange and landscape.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

Design-Build
3/28/07
5/2/16
SP
-
Innovation Way

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 528 / Innovation Way Interchange
SR 528
Interchange Projects
New Interchange
Design-Build

528-313

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design-Build																								
Toll Equipment																								
Landscape																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	7,719			1,103	1,103	1,103	1,103	1,103	1,103	1,103																															
Design-Build	64,323			9,189	9,189	9,189	9,189	9,189	9,189	9,189																															
Toll Equipment	840									840																															
Landscape	500									500																															
TOTAL	73,382	FY 16/17 Total =				41,167				FY 17/18 Total =				32,215				FY 18/19 Total =				-				FY 19/20 Total =				-				FY 20/21 Total =				-			
		Encumbered =				41,167				Encumbered =				30,875																											

Cash Flow Inflated (in thousands \$) :				Base Inflation Rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%																					
Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	7,719			1,103	1,103	1,103	1,103	1,103	1,103	-	-	-	-	-	-	-	-	-	-	-	-																				
Design-Build	64,323			9,189	9,189	9,189	9,189	9,189	9,189	-	-	-	-	-	-	-	-	-	-	-	-																				
Toll Equipment	879			-	-	-	-	-	-	879	-	-	-	-	-	-	-	-	-	-	-																				
Landscape	527			-	-	-	-	-	-	527	-	-	-	-	-	-	-	-	-	-	-																				
TOTAL	73,447	FY 16/17 Total =				41,167				FY 17/18 Total =				32,281				FY 18/19 Total =				-				FY 19/20 Total =				-				FY 20/21 Total =				-			
		Encumbered =				41,167				Encumbered =				30,875																											

Remarks: EAL includes construction engineering & inspection and post-design services.
Low bid \$62.5 m. Includes additional 3% cost to complete.
Totals do not reflect contributions from Suburban Land Research, Orange County, and All Aboard Florida. Assumes SLR is responsible for all mitigation costs.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

On-going
8/2/13
4/25/16
SP
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 408 at I-4 Ultimate
SR 408
Interchange Projects
Interchange Reconstruction
Contribution & Corridor Consultant

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Corridor Consultant																								
Contribution																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
Corr. Consultant	3,860			241	241	241	241	241	241	241	241	241	241	241	242	242	242	242							
Contribution	230,000							75,000				75,000			80,000										
TOTAL	233,860			FY 16/17 Total = 964				FY 17/18 Total = 75,964				FY 18/19 Total = 75,964				FY 19/20 Total = 80,968				FY 20/21 Total = -					
				Encumbered = 964				Encumbered = 964																	

Cash Flow Inflated (in thousands \$) :				Base Inflation Rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%					
Activity	Totals \$	2016				2017				2018				2019				2020				2021			
Corr. Consultant	3,860			241	241	241	241	241	241	241	241	241	241	241	241	242	242	242	242	-	-	-	-		
Contribution	230,000			-	-	-	-	75,000	-	-	-	75,000	-	-	-	80,000	-	-	-	-	-	-	-		
TOTAL	233,860	FY 16/17 Total = 964				FY 17/18 Total = 75,964				FY 18/19 Total = 75,964				FY 19/20 Total = 80,968				FY 20/21 Total = -							
		Encumbered = 964				Encumbered = 964																			

Remarks: Total contribution of \$230 m.
Corridor Consultant Contract Total \$5.3 m.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
3/13/16
5/3/16
SP
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 429 New Interchange Studies
SR 429
Interchange Projects
Interchange Studies and Design
Concept Study, Design & Construction

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Concept Study																								
Design																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
Concept Study	405					135	135	135																	
Design	9,250							1,542	1,542	1,542	1,542														
Construction	18,777											3,755	3,755	3,755	3,755	3,755									
TOTAL	28,432				FY 16/17 Total =	270	FY 17/18 Total =	6,302	FY 18/19 Total =	14,350	FY 19/20 Total =	7,511	FY 20/21 Total =	-											
					Encumbered =	-	Encumbered =	-																	

Cash Flow Inflated (in thousands \$) :						Base Inflation Rate =				2.6%				Const. Inflation Rates =				FY 2017		FY 2018		FY 2019		FY 2020		FY 2021															
														2.5%		2.7%		2.8%		2.6%		2.5%																			
Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
Concept Study	413			-	-	138	138	138	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
Design	9,547			-	-	-	-	1,591	1,591	1,591	1,591	1,591	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
Construction	20,034			-	-	-	-	-	-	-	-	-	4,007	4,007	4,007	4,007	4,007	-	-	-	-	-	-	-	-	-	-														
TOTAL	29,994	FY 16/17 Total =				275				FY 17/18 Total =				6,503				FY 18/19 Total =				15,203				FY 19/20 Total =				8,014				FY 20/21 Total =				-			
		Encumbered =				-				Encumbered =				-																											

Remarks: Concept consists of a 1/2 diamond interchange serving movements to / from the north on SR 429. Interchange will serve developing area along Tilden Road, Tiny Road and northern areas of Horizon West

Example Projects: SR 429 at Tilden Road (PDC \$8.9 m), CR 535 SB Off Ramp (PDC \$9.9 m)

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
3/13/16
4/21/16
SP
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 417 / Narcoossee Road Ultimate Interchange
SR 417
Interchange Projects
Concept Study
Concept Study & Design

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Concept Study																								
Design																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
Concept Study	400																200	200							
Design	1,380																		460	460	460				
TOTAL	1,780	FY 16/17 Total = -				FY 17/18 Total = -				FY 18/19 Total = -				FY 19/20 Total = 400				FY 20/21 Total = 1,380							
		Encumbered = -				Encumbered = -																			

Cash Flow Inflated (in thousands \$) :		Base Inflation Rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%				FY 2018 2.7%				FY 2019 2.8%				FY 2020 2.6%				FY 2021 2.5%			
Activity	Totals \$	2016				2017				2018				2019				2020				2021							
Concept Study	441			-	-	-	-	-	-	-	-	-	-	-	-	-	220	220	-	-	-	-							
Design	1,544			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	515	515	515	-	-	-					
TOTAL	1,985	FY 16/17 Total = -				FY 17/18 Total = -				FY 18/19 Total = -				FY 19/20 Total = 441				FY 20/21 Total = 1,544											
		Encumbered = -				Encumbered = -																							

Remarks: Concept Study will develop ultimate improvement necessary to serve long term traffic demand.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
3/16/16
4/21/16
SP
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 528 / Innovation Way Landscaping
SR 528
Interchange Projects
Landscaping
Design, Installation & Partial Maintenance

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Installation																								
Maintenance																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	86													18	18	10	20	20																							
Installation	500																250	250																							
Maintenance	15																		5	5	5																				
TOTAL	601	FY 16/17 Total =				-				FY 17/18 Total =				-				FY 18/19 Total =				-				FY 19/20 Total =				316				FY 20/21 Total =				285			
		Encumbered =								Encumbered =																															

Cash Flow Inflated (in thousands \$) :				Base Inflation Rate =				2.6%				Const. Inflation Rates =				FY 2017		FY 2018		FY 2019		FY 2020		FY 2021																	
												2.5%		2.7%		2.8%		2.6%		2.5%																					
Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	95			-	-	-	-	-	-	-	-	-	-	20	20	11	22	22	-	-	-																				
Installation	556			-	-	-	-	-	-	-	-	-	-	-	-	-	278	278	-	-	-																				
Maintenance	17			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	6																				
TOTAL	667	FY 16/17 Total =				-				FY 17/18 Total =				-				FY 18/19 Total =				-				FY 19/20 Total =				350				FY 20/21 Total =				317			
		Encumbered =				-				Encumbered =				-																											

Remarks: Landscaping for ultimate Innovation Way Interchange

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Construction

Priority : 1

Project Name/Number : SR 528 Airport Toll Plaza Demolition

528-405

Date Originated : 4/1/96

Last Revision : 3/13/16

Fund Source : SP

Length (miles) : 2.1

From: Boggy Creek Road

To: SR 436

Route Number : SR 528

Project Category : Facilities Projects

Work Description : Demolish Existing Mainline Toll Plaza

Construction

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	140			140																					
Construction	1,296			1,296																					
TOTAL	1,436			FY 16/17 Total = 1,436				FY 17/18 Total = -				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -					
				Encumbered = 1,436				Encumbered =																	

Cash Flow Inflated (in thousands \$) :		Base Inflation rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%							
Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	140			140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Construction	1,296			1,296	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
TOTAL	1,436			FY 16/17 Total = 1,436				FY 17/18 Total = -				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -					
				Encumbered = 1,436				Encumbered = -																	

Remarks: EAL includes bidding and construction engineering & inspection.
Project includes demolition of Airport Mainline plaza, additional ramp toll plazas and improvements to SR 528 between Boggy Creek and SR 436.
Total construction contract \$38.7 million. End date extended to July 2016.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
4/1/96
4/21/16
SP
2.1
Boggy Creek Road

Priority :
1

To: SR 436

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 528 Airport Frontage Landscaping
SR 528
Facilities Projects
Landscaping
Design, Installation & Maintenance

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Installation																								
Maintenance																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	108							88	10	10																															
Installation	125									125																															
Maintenance	40										5	5	5	5	5	5	5	5																							
TOTAL	273	FY 16/17 Total =				-				FY 17/18 Total =				238				FY 18/19 Total =				20				FY 19/20 Total =				15				FY 20/21 Total =				-			
		Encumbered =				-				Encumbered =																															

Cash Flow Inflated (in thousands \$) :

Base Inflation rate = 2.6%

Const. Inflation Rates =

FY 2017 2.5%

FY 2018 2.7%

FY 2019 2.8%

FY 2020 2.6%

FY 2021 2.5%

Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	112			-	-	-	-	91	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-																		
Installation	131			-	-	-	-	-	-	131	-	-	-	-	-	-	-	-	-	-	-	-	-																		
Maintenance	42			-	-	-	-	-	-	-	5	5	5	5	5	5	5	5	-	-	-	-	-																		
TOTAL	285	FY 16/17 Total =				-				FY 17/18 Total =				248				FY 18/19 Total =				21				FY 19/20 Total =				16				FY 20/21 Total =				-			
		Encumbered =				-				Encumbered =																															

Remarks: Landscaping to compliment new interchange

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

On-going
3/1/95
3/16/16
SP
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

Systemwide Toll Plaza Projects
Systemwide
Facilities Projects
Toll Plaza Projects
Design & Construction
(Projects to be determined)

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	50					5	5			5	5			5	5			5	5			5	5		
Construction	450						90				90				90				90				90		
TOTAL	500					FY 16/17 Total = 100				FY 17/18 Total = 100				FY 18/19 Total = 100				FY 19/20 Total = 100				FY 20/21 Total = 100			
						Encumbered =				Encumbered =															

Cash Flow Inflated (in thousands \$) :		Base Inflation Rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%							
Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	50			-	-	5	5	-	-	5	5	-	-	5	5	-	-	5	5	-	-	5	5		
Construction	450			-	-	-	90	-	-	-	90	-	-	-	90	-	-	-	90	-	-	-	90		
TOTAL	500	FY 16/17 Total = 100				FY 17/18 Total = 100				FY 18/19 Total = 100				FY 19/20 Total = 100				FY 20/21 Total = 100							
		Encumbered =				Encumbered =																			

Remarks: EAL includes design, permitting, bidding, construction engineering & inspection and post-design services.
No inflation has been added. Annual escalation assumed to be included in total dollars allocated per fiscal year.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

On-going
7/1/14
5/3/16
SP
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

Systemwide Generator Replacements and Upgrades
Systemwide
Facilities Projects
Generator Replacements
Design & Construction

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	240			15	15	15	15	15	15	15		15	15	15		15	15	15		15	15	15			
Construction	1,800			300		150	150		150	150		150	150		150	150	150		150	150		150			
TOTAL	2,040			FY 16/17 Total = 660				FY 17/18 Total = 345				FY 18/19 Total = 345				FY 19/20 Total = 345				FY 20/21 Total = 345					
				Encumbered =				Encumbered =																	

Cash Flow Inflated (in thousands \$) :				Base Inflation Rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%				FY 2018 2.7%				FY 2019 2.8%				FY 2020 2.6%				FY 2021 2.5%			
Activity	Totals \$	2016				2017				2018				2019				2020				2021									
EAL	240			15	15	15	15	15	15	-	15	15	15	-	15	15	15	-	15	15	15	-									
Construction	1,800			300	-	150	150	-	150	150	-	-	150	150	-	-	150	150	-	-	150	150	-								
TOTAL	2,040	FY 16/17 Total = 660				FY 17/18 Total = 345				FY 18/19 Total = 345				FY 19/20 Total = 345				FY 20/21 Total = 345													
		Encumbered =				Encumbered =																									

Remarks: EAL includes design, bidding and construction engineering & inspection.
No inflation has been added. Annual escalation assumed to be included in total dollars allocated per fiscal year.
Generator replacement/upgrades at mainline and ramp plazas. Assumes replacement of 5 generators per year. Includes project 599-735.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
7/1/14
4/28/16
SP
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

Systemwide Air Conditioner Replacements and Upgrades
Systemwide
Facilities Projects
Air Conditioner Replacements
Design & Construction

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	120				36	8	8	8				18	4	4	4	18	4	4	4																						
Construction	480					80	80	80					40	40	40		40	40	40																						
TOTAL	600	FY 16/17 Total =				212				FY 17/18 Total =				88				FY 18/19 Total =				150				FY 19/20 Total =				150				FY 20/21 Total =				-			
		Encumbered =				-				Encumbered =																															

Cash Flow Inflated (in thousands \$) :		Base Inflation Rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%				FY 2018 2.7%				FY 2019 2.8%				FY 2020 2.6%				FY 2021 2.5%															
Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	120			-	36	8	8	8	-	-	-	18	4	4	4	18	4	4	4	-	-	-	-																		
Construction	480			-	-	80	80	80	-	-	-	-	40	40	40	-	40	40	40	-	-	-	-																		
TOTAL	600	FY 16/17 Total =				212				FY 17/18 Total =				88				FY 18/19 Total =				150				FY 19/20 Total =				150				FY 20/21 Total =				-			
		Encumbered =				-				Encumbered =																															

Remarks: EAL includes design, bidding and construction engineering & inspection.

No inflation has been added. Annual escalation assumed to be included in total dollars allocated per fiscal year.

Projects include: FY 17 & 18 - SR 408 mainline and ramp plazas; FY 19 - SR 429 mainline and ramp plazas; FY 20 - SR 414 mainline and ramp plazas

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

On-going
7/1/14
3/13/16
SP
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

Systemwide Roof Replacements
Systemwide
Facilities Projects
Roof Replacements
Design & Construction
-

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	200			15	15	5	5	15	15	5	5	15	15	5	5	15	15	5	5	15	15	5	5		
Construction	1,000					100	100			100	100			100	100			100	100			100	100		
TOTAL	1,200			FY 16/17 Total = 240				FY 17/18 Total = 240				FY 18/19 Total = 240				FY 19/20 Total = 240				FY 20/21 Total = 240					
				Encumbered =				Encumbered =																	

Cash Flow Inflated (in thousands \$) :				Base Inflation Rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%					
Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	200			15	15	5	5	15	15	5	5	15	15	5	5	15	15	5	5	15	15	5	5		
Construction	1,000			-	-	100	100	-	-	100	100	-	-	100	100	-	-	100	100	-	-	100	100		
TOTAL	1,200	FY 16/17 Total = 240				FY 17/18 Total = 240				FY 18/19 Total = 240				FY 19/20 Total = 240				FY 20/21 Total = 240							
		Encumbered =				Encumbered =																			

Remarks: EAL includes design, bidding and construction engineering & inspection.
No inflation has been added. Annual escalation assumed to be included in total dollars allocated per fiscal year.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
5/4/15
3/13/16
SP
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

Systemwide UPS Replacements
Systemwide
Facilities Projects
UPS Replacements
Installation

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Installation																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	20			10				10																	
Installation	200			100				100																	
TOTAL	220			FY 16/17 Total =		110		FY 17/18 Total =		110		FY 18/19 Total =		-		FY 19/20 Total =		-		FY 20/21 Total =		-			
				Encumbered =				Encumbered =																	

Cash Flow Inflated (in thousands \$) :

Base Inflation Rate = 2.6%

Const. Inflation Rates =

FY 2017 2.5%

FY 2018 2.7%

FY 2019 2.8%

FY 2020 2.6%

FY 2021 2.5%

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	20			10	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Installation	200			100	-	-	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TOTAL	220	FY 16/17 Total = 110				FY 17/18 Total = 110				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -							
		Encumbered =				Encumbered =																			

Remarks: EAL includes construction engineering & inspection.

No inflation has been added. Annual escalation assumed to be included in total dollars allocated per fiscal year.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Installation

Priority : 1

Project Name/Number : Miscellaneous CFX Headquarters Improvements

-

Date Originated : 5/4/15

Last Revision : 4/26/16

Fund Source : SP

Length (miles) : -

From: -

Route Number : HQ

Project Category : Facilities Projects

Work Description : Miscellaneous Projects

Design & Installation

To: -

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Installation																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	510			98	98	98	98	30				30				30			30						
Installation	4,252			813	813	813	813	250				250				250			250						
TOTAL	4,762			FY 16/17 Total = 3,642				FY 17/18 Total = 280				FY 18/19 Total = 280				FY 19/20 Total = 280				FY 20/21 Total = 280					
				Encumbered = 3,642				Encumbered =																	

Cash Flow Inflated (in thousands \$) :		Base Inflation Rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%							
Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	510			98	98	98	98	30	-	-	-	30	-	-	-	30	-	-	-	30	-	-	-		
Installation	4,252			813	813	813	813	250	-	-	-	250	-	-	-	250	-	-	-	250	-	-	-		
TOTAL	4,762	FY 16/17 Total = 3,642				FY 17/18 Total = 280				FY 18/19 Total = 280				FY 19/20 Total = 280				FY 20/21 Total = 280							
		Encumbered = 3,642				Encumbered =																			

Remarks: EAL includes construction engineering & inspection.

No inflation has been added. Annual escalation assumed to be included in total dollars allocated per fiscal year.

FY 16/17 includes 2nd floor remodel, Board room technology upgrade., and IT work area re-configuration. Includes Project 599-412, CFX Headquarters Front Desk Improvements.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Bidding

Priority : 1

Project Name/Number : CFX Headquarters Parking Lot Lighting and Sealing

599-411

Date Originated : 5/4/15

Last Revision : 5/2/16

Fund Source : SP

Length (miles) : -

From: -

Route Number : HQ

Project Category : Facilities Projects

Work Description : Miscellaneous Projects

Bidding & Installation

To: -

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Bidding																								
Installation																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	54			10	22	22																			
Installation	370				185	185																			
TOTAL	424			FY 16/17 Total =		424	FY 17/18 Total =		-	FY 18/19 Total =		-	FY 19/20 Total =		-	FY 20/21 Total =		-							
				Encumbered =			Encumbered =																		

Cash Flow Inflated (in thousands \$) :				Base Inflation Rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%				FY 2018 2.7%				FY 2019 2.8%				FY 2020 2.6%				FY 2021 2.5%			
Activity	Totals \$	2016				2017				2018				2019				2020				2021									
EAL	55			10	22	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Installation	375			-	187	187	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
TOTAL	430	FY 16/17 Total = 430				FY 17/18 Total = -				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -													
		Encumbered =				Encumbered =																									

Remarks: EAL includes bidding, construction engineering & inspection and post-design services.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
4/29/02
3/16/16
SP
-
-

Priority :
2

Project Name/Number :
Route Number :
Project Category :
Work Description :

Fiber Optic Network (FON) Utility Adjustments
Systemwide
Technology
Utility Adjustments
Utility Adjustments

408-509

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
FON Utility Adjustments																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021				
Adjustments	300			50				50				50				50				50				50		
TOTAL	300	FY 16/17 Total = 100				FY 17/18 Total = 50				FY 18/19 Total = 50				FY 19/20 Total = 50				FY 20/21 Total = 50								
		Encumbered =				Encumbered =																				

Cash Flow Inflated (in thousands \$) :		Base Inflation Rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%							
Activity	Totals \$	2016				2017				2018				2019				2020				2021			
Adjustments	300			50	-	-	50	-	-	-	50	-	-	-	50	-	-	-	50	-	-	-	50		
TOTAL	300	FY 16/17 Total = 100				FY 17/18 Total = 50				FY 18/19 Total = 50				FY 19/20 Total = 50				FY 20/21 Total = 50							
		Encumbered =				Encumbered =																			

Remarks: Scope includes the FON utility adjustments as needed with projects (by others).

No inflation has been added. Annual escalation assumed to be included in total dollars allocated per fiscal year.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

On-going
4/29/02
3/16/16
SP
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

Regional ITS Partnership Projects
Systemwide
Technology
Regional ITS Partnership Projects
Partnership Contributions

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Partnering Funds																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
Partnering Funds	540			45	45	45	45	45	45	45	45	45	45	45	45										
TOTAL	540			FY 16/17 Total = 180				FY 17/18 Total = 180				FY 18/19 Total = 180				FY 19/20 Total = -				FY 20/21 Total = -					
				Encumbered =				Encumbered =																	

Cash Flow Inflated (in thousands \$) :

Base Inflation Rate = 2.6%

Const. Inflation Rates =

FY 2017 2.5%

FY 2018 2.7%

FY 2019 2.8%

FY 2020 2.6%

FY 2021 2.5%

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
Partnering Funds	540			45	45	45	45	45	45	45	45	45	45	45	45	-	-	-	-	-	-	-	-		
TOTAL	540					FY 16/17 Total = 180				FY 17/18 Total = 180				FY 18/19 Total = 180				FY 19/20 Total = -				FY 20/21 Total = -			
						Encumbered =				Encumbered =															

Remarks: Funding for ITS studies by regional partners to further improve the benefits of ITS technologies for CFX customers.
No inflation has been added. Annual escalation assumed to be included in total dollars allocated per fiscal year.
Includes partnership funds for LIPAR traffic data collections and equipment pilot.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

Design
6/27/13
3/16/16
SP
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

ITS Network Upgrade Phase II
Systemwide
Technology
Re-splice Network Physical Architecture
Design & Construction

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	360			70	70	10	105	105																	
Construction	1,538						769	769																	
TOTAL	1,898			FY 16/17 Total = 1,024				FY 17/18 Total = 874				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -					
				Encumbered =				Encumbered =																	

Cash Flow Inflated (in thousands \$) :		Base Inflation Rate =		2.6%		Const. Inflation Rates =						FY 2017		FY 2018		FY 2019		FY 2020		FY 2021																					
												2.5%		2.7%		2.8%		2.6%		2.5%																					
Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	367			70	70	10	108	108	-	-	-	-	-	-	-	-	-	-	-	-	-	-																			
Construction	1,577			-	-	-	788	788	-	-	-	-	-	-	-	-	-	-	-	-	-	-																			
TOTAL	1,943	FY 16/17 Total =				1,047				FY 17/18 Total =				896				FY 18/19 Total =				-				FY 19/20 Total =				-				FY 20/21 Total =				-			
		Encumbered =								Encumbered =																															

Remarks: EAL includes design, permitting, bidding and construction engineering & inspection.
Re-splice ITS network physical architecture for improved performance and enhanced system resiliency; includes upgrade of existing ramp and mainline switches.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
9/11/12
4/25/16
SP
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

Wekiva Parkway CCTV Deployment Sections 1A & 1B
Wekiva Parkway
Technology
CCTV Cameras
Design & Construction

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	388					74	74	74	10	39	39	39	39												
Construction	1,164									291	291	291	291												
TOTAL	1,552					FY 16/17 Total = 148				FY 17/18 Total = 744				FY 18/19 Total = 660				FY 19/20 Total = -				FY 20/21 Total = -			
						Encumbered =				Encumbered =															

Cash Flow Inflated (in thousands \$) :						Base Inflation Rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%			
Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	400			-	-	75	75	75	10	41	41	41	41	-	-	-	-	-	-	-	-	-			
Construction	1,218			-	-	-	-	-	-	304	304	304	304	-	-	-	-	-	-	-	-	-			
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
TOTAL	1,618					FY 16/17 Total = 151				FY 17/18 Total = 776				FY 18/19 Total = 690				FY 19/20 Total = -				FY 20/21 Total = -			
						Encumbered =				Encumbered =															

Remarks: EAL includes design, permitting, bidding and construction engineering & inspection.
Design & install approximately 10 CCTV cameras for deployment on CFX-operated portions of the Wekiva Parkway (Sections 1A and 1B)

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
9/11/12
4/25/16
SP
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

Wekiva Parkway CCTV Deployment Sections 2A, 2B & 2C
Wekiva Parkway
Technology
CCTV Cameras
Design & Construction

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021																					
EAL	542								104	104	104	10	55	55	55				-																								
Construction	1,628												407	407	407	407			0																								
TOTAL	2,170																																										
				FY 16/17 Total =				-				FY 17/18 Total =				312				FY 18/19 Total =				1,396				FY 19/20 Total =				462				FY 20/21 Total =				-			
				Encumbered =								Encumbered =																															

Cash Flow Inflated (in thousands \$) :										Base Inflation Rate =				2.6%		Const. Inflation Rates =				FY 2017		FY 2018		FY 2019		FY 2020		FY 2021													
																2.5%		2.7%		2.8%		2.6%		2.5%																	
Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	570			-	-	-	-	-	108	108	108	11	59	59	59	59	-	-	-	-	-	-	-	-	-	-	-	-	-												
Construction	1,739			-	-	-	-	-	-	-	-	-	435	435	435	435	-	-	-	-	-	-	-	-	-	-	-	-													
TOTAL	2,308	FY 16/17 Total =				-				FY 17/18 Total =				324				FY 18/19 Total =				1,491				FY 19/20 Total =				493				FY 20/21 Total =				-			
		Encumbered =				Encumbered =																																			

Remarks: EAL includes design, permitting, bidding and construction engineering & inspection.
Design & install approximately 14 CCTV cameras for deployment on CFX-operated portions of the Wekiva Parkway (Sections 2A, 2B and 2C).

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
5/16/12
4/25/16
SP
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

Advanced Expressway Operations Performance Measures
Systemwide
Technology
Enhancements to ITS Data Analysis Systems
Implementation

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Implementation																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	100					25	25	25	25																
Implementation	1,200					300	300	300	300																
TOTAL	1,300					FY 16/17 Total = 650				FY 17/18 Total = 650				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -			
						Encumbered =				Encumbered =															

Cash Flow Inflated (in thousands \$) :						Base Inflation Rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%			
Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	102			-	-	25	25	25	25	-	-	-	-	-	-	-	-	-	-	-	-	-			
Implementation	1,223			-	-	306	306	306	306	-	-	-	-	-	-	-	-	-	-	-	-	-			
TOTAL	1,325	FY 16/17 Total = 662				FY 17/18 Total = 662				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -							
		Encumbered =				Encumbered =																			

Remarks: EAL includes construction engineering & inspection.
This project includes the development and implementation of systems and methods to fully leverage the CFX ITS system to provide advanced expressway operations performance measures and provide data for enhanced decision-making.
Includes Project 599-529, ITS Antennas on Turnpike.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

Bidding
4/15/10
5/3/16
SP
-
-

Priority :
2

Project Name/Number :
Route Number :
Project Category :
Work Description :

Supplemental DCS and CCTV Deployment
Systemwide
Technology
Deploy DCS and CCTV Cameras
Design & Construction
-

Project Schedule :

Activity		2016				2017				2018				2019				2020				2021			
Design																									
Bidding																									
Construction																									

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	770			10	5	5	150	150	10	110	110	110	110												
Construction	5,100				50	50				1,250	1,250	1,250	1,250												
TOTAL	5,870			FY 16/17 Total = 270				FY 17/18 Total = 2,880				FY 18/19 Total = 2,720				FY 19/20 Total = -				FY 20/21 Total = -					
				Encumbered =				Encumbered =																	

Cash Flow Inflated (in thousands \$) :		Base Inflation Rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%					
Activity	Totals \$	2016				2017				2018				2019				2020				2021	
EAL	799			10	5	5	154	154	10	115	115	115	115	-	-	-	-	-	-	-	-		
Construction	5,332			-	51	51	-	-	-	1,308	1,308	1,308	1,308	-	-	-	-	-	-	-	-		
TOTAL	6,131			FY 16/17 Total = 275				FY 17/18 Total = 3,010				FY 18/19 Total = 2,846				FY 19/20 Total = -				FY 20/21 Total = -			
				Encumbered =				Encumbered =															

Remarks: EAL includes design, permitting, bidding and construction engineering & inspection.

Deploy Data Collection Sensors at critical locations to further improve travel time system performance.

Deploy CCTV cameras on SR 528 to provide full camera coverage at critical systems interchanges.

Includes systemwide tone wire replacement. Includes Project 599-530, South Access DMS.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

Construction
3/11/15
5/3/16
SP
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

Wrong-Way Driving Countermeasures
Systemwide
Technology
Wrong-Way Driving Countermeasures at selected ramps
Design & Construction

599-526

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	950			540	75	175	10	75	75																
Construction	4,900			1,900	750	750		750	750																
TOTAL	5,850			FY 16/17 Total = 4,200				FY 17/18 Total = 1,650				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -					
				Encumbered = 2,440				Encumbered =																	

Cash Flow Inflated (in thousands \$) :		Base Inflation Rate =		2.6%		Const. Inflation Rates =		FY 2017		2.5%		FY 2018		2.7%		FY 2019		2.8%		FY 2020		2.6%		FY 2021		2.5%															
Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	962			544	76	177	10	77	77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																	
Construction	4,967			1,900	759	759	-	774	774	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																	
TOTAL	5,929	FY 16/17 Total =				4,226				FY 17/18 Total =				1,703				FY 18/19 Total =				-				FY 19/20 Total =				-				FY 20/21 Total =				-			
		Encumbered =				2,444				Encumbered =																															

Remarks: EAL includes design, permitting, bidding and construction engineering & inspection. For the First Quarter of FY 17, EAL also includes \$350k for procurement.
Deploy wrong-way driving countermeasures equipment at approximately 30 ramp locations.
Includes Wrong Way Detection Projects 599-526A (under construction), 599-526B construction (anticipated to start in the 2nd quarter of FY 17), and additional phases / locations.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
3/11/15
3/16/16
SP
-
-

Priority :
2

Project Name/Number :
Route Number :
Project Category :
Work Description :

Connected Vehicle Pilot Concept
Systemwide
Technology
Connected Vehicle Pilot Concept
Concept

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Concept																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	500					125	125	125	125																
TOTAL	500					FY 16/17 Total = 250		FY 17/18 Total = 250		FY 18/19 Total = -		FY 19/20 Total = -		FY 20/21 Total = -											
						Encumbered =		Encumbered =																	

Cash Flow Inflated (in thousands \$) :				Base Inflation Rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%					
Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	500			-	-	125	125	125	125	-	-	-	-	-	-	-	-	-	-	-	-	-			
TOTAL	500	FY 16/17 Total = 250				FY 17/18 Total = 250				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -							
		Encumbered =				Encumbered =																			

Remarks: No inflation has been added. Annual escalation assumed to be included in total dollars allocated per fiscal year.

Perform a concept evaluation to allow CFX to achieved the full benefit of upcoming connected vehicle deployment in commercial and passenger vehicles for enhanced traveler informaiton and incident management.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

Design
3/17/15
3/16/16
SP
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

Headquarters Security Cameras
-
Technology
Security Cameras
Design & Construction

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	110			50	10	50																			
Construction	500					500																			
	-																								
TOTAL	610	FY 16/17 Total = 610				FY 17/18 Total = -				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -							
		Encumbered =				Encumbered =																			

Cash Flow Inflated (in thousands \$) :				Base Inflation Rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%				FY 2018 2.7%				FY 2019 2.8%				FY 2020 2.6%				FY 2021 2.5%			
Activity	Totals \$	2016				2017				2018				2019				2020				2021									
EAL	110			50	10	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
Construction	500			-	-	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
TOTAL	610	FY 16/17 Total = 610				FY 17/18 Total = -				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -													
		Encumbered =				Encumbered =																									

Remarks: EAL includes design, permitting, bidding and construction engineering & inspection.
No inflation has been added. Annual escalation assumed to be included in total dollars allocated per fiscal year.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
3/17/15
3/15/16
SP
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

Geolocation of Field Utilities
Systemwide
Technology
Geolocation
Design & Implementation

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Implementation																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	50				20	10	10	10																	
Implementation	250					125	125																		
	-																								
TOTAL	300				FY 16/17 Total =	165	FY 17/18 Total =	135	FY 18/19 Total =	-	FY 19/20 Total =	-	FY 20/21 Total =	-											
					Encumbered =		Encumbered =																		

Cash Flow Inflated (in thousands \$) :		Base Inflation Rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%							
Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	50			-	20	10	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-				
Implementation	250			-	-	-	125	125	-	-	-	-	-	-	-	-	-	-	-	-	-				
TOTAL	300					FY 16/17 Total = 165		FY 17/18 Total = 135		FY 18/19 Total = -		FY 19/20 Total = -		FY 20/21 Total = -											
						Encumbered =		Encumbered =																	

Remarks: EAL includes design, permitting, bidding and construction engineering & inspection.
No inflation has been added. Annual escalation assumed to be included in total dollars allocated per fiscal year.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

Implementation
5/31/06
5/3/16
SP
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

Toll Collection System Upgrade
Systemwide
Facilities Projects
System Upgrade
Implementation & Testing

599-902

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Implementation																								
Testing																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	7,972			344	344	344	344	494	494	494	494	509	509	509	509	328	328	328	328	318	318	318	318		
Implementation	49,220			2,854	2,854	2,854	2,854	5,433	5,433	5,433	5,433	3,663	3,663	3,663	3,663	355	355	355	355						
TOTAL	57,192			FY 16/17 Total = 12,792				FY 17/18 Total = 23,708				FY 18/19 Total = 16,688				FY 19/20 Total = 2,732				FY 20/21 Total = 1,272					
				Encumbered = 12,792				Encumbered = 23,708																	

Cash Flow Inflated (in thousands \$) :		Base Inflation rate =		2.6%		Const. Inflation Rates =		FY 2017		2.5%		FY 2018		2.7%		FY 2019		2.8%		FY 2020		2.6%		FY 2021		2.5%															
Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	7,972			344	344	344	344	494	494	494	494	509	509	509	509	328	328	328	328	318	318	318	318																		
Implementation	49,220			2,854	2,854	2,854	2,854	5,433	5,433	5,433	5,433	3,663	3,663	3,663	3,663	355	355	355	355	-	-	-	-																		
TOTAL	57,192	FY 16/17 Total =				12,792				FY 17/18 Total =				23,708				FY 18/19 Total =				16,688				FY 19/20 Total =				2,732				FY 20/21 Total =				1,272			
		Encumbered =				12,792				Encumbered =				23,708																											

Remarks: Includes upgrades to lane, plaza toll equipment and centralized transaction server, and upgrades to violation enforcement and image processing.
Supports mix of electronic/coin/attended lanes, future AET, and integration with the proposed new statewide consolidated back office system.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
3/17/15
3/15/16
SP
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

Toll Network System Replacements & Upgrades
Systemwide
Technology
Replacements & Upgrades
Design & Implementation

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Implementation																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	76			19	19	19	19																		
Implementation	316			79	79	79	79																		
TOTAL	392			FY 16/17 Total = 392				FY 17/18 Total = -				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -					
				Encumbered =				Encumbered =																	

Cash Flow Inflated (in thousands \$) :		Base Inflation Rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%				FY 2018 2.7%				FY 2019 2.8%				FY 2020 2.6%				FY 2021 2.5%			
Activity	Totals \$	2016				2017				2018				2019				2020				2021							
EAL	76			19	19	19	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Implementation	318			79	79	79	79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
TOTAL	394	FY 16/17 Total = 394				FY 17/18 Total = -				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -											
		Encumbered =				Encumbered =																							

Remarks: EAL includes design, permitting, bidding and construction engineering & inspection.
No inflation has been added. Annual escalation assumed to be included in total dollars allocated per fiscal year.
Projects include Toll Network Core Move, Hiawassee Data Center Move, & Mainline Plaza Telephone System Upgrade

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
3/17/15
5/3/16
SP
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

Software - Hardware Replacements & Upgrades
Systemwide
Technology
Replacements & Upgrades
Design & Implementation

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Implementation																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	840			150	150	150	150	60	60	60	60														
Implementation	3,500			625	625	625	625	250	250	250	250														
	-																								
TOTAL	4,340			FY 16/17 Total = 3,100				FY 17/18 Total = 1,240				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -					
				Encumbered =				Encumbered =																	

Cash Flow Inflated (in thousands \$) :				Base Inflation Rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%				FY 2018 2.7%				FY 2019 2.8%				FY 2020 2.6%				FY 2021 2.5%			
Activity	Totals \$	2016				2017				2018				2019				2020				2021									
EAL	840			150	150	150	150	60	60	60	60	-	-	-	-	-	-	-	-	-	-	-	-								
Implementation	3,500			625	625	625	625	250	250	250	250	-	-	-	-	-	-	-	-	-	-	-	-								
TOTAL	4,340	FY 16/17 Total = 3,100				FY 17/18 Total = 1,240				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -													
		Encumbered =				Encumbered =																									

Remarks: EAL includes design, permitting, bidding and construction engineering & inspection.

No inflation has been added. Annual escalation assumed to be included in total dollars allocated per fiscal year.

Projects Include Skype-4-Business Implementation, , IT Work Area Re-Configuration, PCI - Point to Point Encryption, Telephony Upgrades, Call Center Desktop Refresh, SAN Upgrade HOST, & Project Documentation

Software Upgrades Include SharePoint 2016, MS Office 2016, Windows 10, & Exchange 2016

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
3/17/15
3/15/16
SP
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

eCommerce Mobile Application
Systemwide
Technology
Mobile Application
Design & Implementation

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Implementation																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021				
EAL	384			96	96	96	96																			
Implementation	400				133	133	134																			
	-																									
TOTAL	784	FY 16/17 Total =				784	FY 17/18 Total =				-	FY 18/19 Total =				-	FY 19/20 Total =				-	FY 20/21 Total =				-
		Encumbered =					Encumbered =																			

Cash Flow Inflated (in thousands \$) :				Base Inflation Rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%				FY 2018 2.7%				FY 2019 2.8%				FY 2020 2.6%				FY 2021 2.5%			
Activity	Totals \$	2016				2017				2018				2019				2020				2021									
EAL	388			97	97	97	97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Implementation	405			-	135	135	136	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
TOTAL	793	FY 16/17 Total = 793				FY 17/18 Total = -				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -													
		Encumbered =				Encumbered =																									

Remarks: EAL includes design, permitting, bidding and construction engineering & inspection.
No inflation has been added. Annual escalation assumed to be included in total dollars allocated per fiscal year.
Mobile Phone Application for the eCommerce Website Depending Upon Requirements

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
3/17/15
3/15/16
SP
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

Back Office - E-PASS Re-Write
Systemwide
Technology
E-PASS Re-Write
Design & Implementation

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Implementation																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	4,200			525	525	525	525	525	525	525	525														
Implementation	17,500				2,500	2,500	2,500	2,500	2,500	2,500	2,500														
	-																								
TOTAL	21,700			FY 16/17 Total = 9,600				FY 17/18 Total = 12,100				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -					
				Encumbered =				Encumbered =																	

Cash Flow Inflated (in thousands \$) :				Base Inflation Rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%				FY 2018 2.7%				FY 2019 2.8%				FY 2020 2.6%				FY 2021 2.5%			
Activity	Totals \$	2016				2017				2018				2019				2020				2021									
EAL	4,251			528	532	532	532	532	532	532	532	-	-	-	-	-	-	-	-	-	-	-	-	-							
Implementation	17,719			-	2,531	2,531	2,531	2,531	2,531	2,531	2,531	-	-	-	-	-	-	-	-	-	-	-	-	-							
TOTAL	21,971	FY 16/17 Total = 9,718				FY 17/18 Total = 12,253				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -													
		Encumbered =				Encumbered =																									

Remarks: EAL includes design, permitting, bidding and construction engineering & inspection.
No inflation has been added. Annual escalation assumed to be included in total dollars allocated per fiscal year.
Back Office Re-Write | Hardware, Software, Licenses, Personnel. Including outside consultant development.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

On-going
3/1/95
3/16/16
SP
-
-

Priority :
2

Project Name/Number :
Route Number :
Project Category :
Work Description :

Systemwide Miscellaneous Signing & Pavement Markings
Systemwide
Signing and Pavement Markings
Signing and Pavement Markings
Design & Construction
(Projects to be determined)

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	100				10		10		10				10		10		10				10		10		
Construction	650					130				130				130			130						130		
TOTAL	750				FY 16/17 Total =	150	FY 17/18 Total =	150	FY 18/19 Total =	150	FY 19/20 Total =	150	FY 20/21 Total =	150											
					Encumbered =		Encumbered =																		

Cash Flow Inflated (in thousands \$) :				Base Inflation Rate =				2.6%				Const. Inflation Rates =				FY 2017		FY 2018		FY 2019		FY 2020		FY 2021																	
												2.5%		2.7%		2.8%		2.6%		2.5%																					
Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	100			-	10	10	-	-	10	10	-	-	10	10	-	-	10	10	-	-	10	10	-																		
Construction	650			-	-	130	-	-	-	130	-	-	-	130	-	-	-	130	-	-	-	130	-																		
TOTAL	750	FY 16/17 Total =				150				FY 17/18 Total =				150				FY 18/19 Total =				150				FY 19/20 Total =				150				FY 20/21 Total =				150			
		Encumbered =								Encumbered =																															

Remarks: EAL includes design, bidding, construction engineering & inspection and post-design services.
No inflation has been added. Annual escalation assumed to be included in total dollars allocated per fiscal year.
Projects include new installations of signs and pavement markings to enhance the system.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Bidding

Priority : 1

Project Name/Number : E-PASS Sign Replacement

599-624

Date Originated : 6/13/13

Last Revision : 3/16/16

Fund Source : SP

Length (miles) : -

From: -

Route Number :

Project Category : Signing

Work Description : Bidding & Construction

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	71			10	31	31																			
Construction	510				255	255																			
TOTAL	581			FY 16/17 Total =		581	FY 17/18 Total =		-		FY 18/19 Total =		-		FY 19/20 Total =		-		FY 20/21 Total =		-				
				Encumbered =			Encumbered =																		

Cash Flow Inflated (in thousands \$) :		Base Inflation Rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%							
Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	72			10	31	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Construction	516			-	258	258	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
TOTAL	588	FY 16/17 Total = 588				FY 17/18 Total = -				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -							
		Encumbered =				Encumbered =																			

Remarks: EAL includes design, bidding and construction engineering & inspection.
Project consists of replacing all weathered and faded E-PASS signs approaching mainline plazas and plaza canopies.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
6/20/14
5/2/16
SP
-
-

Priority :
2

Project Name/Number :
Route Number :
Project Category :
Work Description :

Central Florida Expressway Authority Logo Replacement
Systemwide
Signing and Pavement Markings
Signing
Design & Construction

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	270							55	55	10	75	75													
Construction	1,500										750	750													
TOTAL	1,770				FY 16/17 Total =	-	FY 17/18 Total =	945	FY 18/19 Total =	825	FY 19/20 Total =	-	FY 20/21 Total =	-											
					Encumbered =		Encumbered =																		

Cash Flow Inflated (in thousands \$) :				Base Inflation Rate =				2.6%				Const. Inflation Rates =				FY 2017				FY 2018				FY 2019				FY 2020				FY 2021									
												2.5%				2.7%				2.8%				2.6%				2.5%													
Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	282			-	-	-	-	57	57	10	79	79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
Construction	1,580			-	-	-	-	-	-	-	790	790	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
TOTAL	1,862	FY 16/17 Total =				-				FY 17/18 Total =				993				FY 18/19 Total =				869				FY 19/20 Total =				-				FY 20/21 Total =				-			
		Encumbered =								Encumbered =																															

Remarks:EAL includes design, bidding, construction engineering & inspection and post-design services.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
3/13/16
4/25/16
SP
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 408 Guide Sign Replacement
SR 408
Signing and Pavement Markings
Signing
Design & Construction

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	310				60	60	10	60	60	60															
Construction	1,500							500	500	500															
TOTAL	1,810				FY 16/17 Total =	130			FY 17/18 Total =	1,680			FY 18/19 Total =	-			FY 19/20 Total =	-			FY 20/21 Total =	-			
					Encumbered =			Encumbered =																	

Cash Flow Inflated (in thousands \$) :				Base Inflation Rate =				2.6%				Const. Inflation Rates =				FY 2017		FY 2018		FY 2019		FY 2020		FY 2021																	
												2.5%		2.7%		2.8%		2.6%		2.5%																					
Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	318			-	61	61	10	62	62	62	-	-	-	-	-	-	-	-	-	-	-	-																			
Construction	1,548			-	-	-	-	516	516	516	-	-	-	-	-	-	-	-	-	-	-	-																			
TOTAL	1,866	FY 16/17 Total =				132				FY 17/18 Total =				1,734				FY 18/19 Total =				-				FY 19/20 Total =				-				FY 20/21 Total =				-			
		Encumbered =								Encumbered =																															

Remarks: EAL includes design, bidding, construction engineering & inspection and post-design services.
Replace sign panels due to expired sheeting warranty.
Project Limits SR 50 to I-4 excluding area subject to widening projects, and I-4 to east of Yucatan. Includes LED lights.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
3/13/16
3/16/16
SP
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 417 Guide Sign Replacement
SR 417
Signing and Pavement Markings
Signing
Design & Construction

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	310										60	60	10	60	60	60									
Construction	1,500													500	500	500									
TOTAL	1,810				FY 16/17 Total =			-	FY 17/18 Total =			60	FY 18/19 Total =			1,190	FY 19/20 Total =			560	FY 20/21 Total =			-	
					Encumbered =				Encumbered =																

Cash Flow Inflated (in thousands \$) :				Base Inflation Rate =				2.6%				Const. Inflation Rates =				FY 2017		FY 2018		FY 2019		FY 2020		FY 2021																	
												2.5%		2.7%		2.8%		2.6%		2.5%																					
Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	330			-	-	-	-	-	-	63	11	64	64	64	-	-	-	-	-	-	-																				
Construction	1,613			-	-	-	-	-	-	-	-	538	538	538	-	-	-	-	-	-	-																				
TOTAL	1,944	FY 16/17 Total =				-				FY 17/18 Total =				63				FY 18/19 Total =				1,278				FY 19/20 Total =				602				FY 20/21 Total =				-			
				Encumbered =								Encumbered =																													

Remarks: EAL includes design, bidding, construction engineering & inspection and post-design services.
Replace sign panels due to expired sheeting warranty.
Project Limits International Drive to Moss Park excluding areas subject to widening projects. Includes LED lights.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
3/13/16
3/16/16
SP
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 414 Guide Sign Replacement
SR 417
Signing and Pavement Markings
Signing
Design & Construction

-

Project Schedule :

Activity	2016				2017				2018				2019			2020				2021			
Design																							
Bidding																							
Construction																							

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019			2020			2021			
EAL	310													60	60	10	60	60	60				
Construction	1,500																500	500	500				
TOTAL	1,810	FY 16/17 Total = -				FY 17/18 Total = -				FY 18/19 Total = 60				FY 19/20 Total = 1,190			FY 20/21 Total = 560						
		Encumbered =				Encumbered =																	

Cash Flow Inflated (in thousands \$) :		Base Inflation Rate =		2.6%		Const. Inflation Rates =		FY 2017		2.5%		FY 2018		2.7%		FY 2019		2.8%		FY 2020		2.6%		FY 2021		2.5%	
Activity	Totals \$	2016				2017				2018				2019				2020				2021					
EAL	339			-	-	-	-	-	-	-	-	-	-	65	65	11	66	66	66	-	-	-					
Construction	1,656			-	-	-	-	-	-	-	-	-	-	-	-	-	552	552	552	-	-	-					
TOTAL	1,995			FY 16/17 Total =		-		FY 17/18 Total =		-		FY 18/19 Total =		65		FY 19/20 Total =		1,312		FY 20/21 Total =		618					
				Encumbered =				Encumbered =																			

Remarks: EAL includes design, bidding, construction engineering & inspection and post-design services.
Replace sign panels due to expired sheeting warranty.
Project Limits SR 451 to SR 441. Includes LED lights.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

Construction
5/10/04
4/27/16
RR
16.8
I-Drive

Priority :
1

To: Moss Park

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 417 Resurfacing
SR 417
Renewal & Replacement Projects
Mill & Resurface
Construction

417-733

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	660			220.08	220	220																			
Construction	11,004			3,668	3,668	3,668																			
TOTAL	11,664			FY 16/17 Total =		11,664	FY 17/18 Total =		-		FY 18/19 Total =		-		FY 19/20 Total =		-		FY 20/21 Total =		-				
				Encumbered =		11,664	Encumbered =																		

Cash Flow Inflated (in thousands \$) :				Base Inflation Rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%					
Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	660			220	220	220	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Construction	11,004			3,668	3,668	3,668	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
TOTAL	11,664	FY 16/17 Total = 11,664				FY 17/18 Total = -				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -							
		Encumbered = 11,664				Encumbered =																			

Remarks: EAL includes construction engineering & inspection and post-design services.
Includes replacement of single post signs within resurfacing limits.
Construction Contract \$18.5 million.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
4/23/12
4/25/16
RR
8.1
West SR 50

Priority :
1

To: I-4

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 408 Resurfacing
SR 408
Renewal & Replacement Projects
Mill & Resurface
Design & Construction

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	2,633				596	596	10	358	358	358	358																														
Construction	23,856							5,964	5,964	5,964	5,964																														
TOTAL	26,489	FY 16/17 Total =				1,202				FY 17/18 Total =				25,287				FY 18/19 Total =				-				FY 19/20 Total =				-				FY 20/21 Total =				-			
		Encumbered =								Encumbered =																															

Cash Flow Inflated (in thousands \$) :				Base Inflation Rate =				2.6%				Const. Inflation Rates =				FY 2017				FY 2018				FY 2019				FY 2020				FY 2021									
												2.5%				2.7%				2.8%				2.6%				2.5%													
Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	2,696			-	604	604	10	370	370	370	370	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
Construction	24,623			-	-	-	-	6,156	6,156	6,156	6,156	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
TOTAL	27,319	FY 16/17 Total =				1,218				FY 17/18 Total =				26,102				FY 18/19 Total =				-				FY 19/20 Total =				-				FY 20/21 Total =				-			
		Encumbered =								Encumbered =																															

Remarks: EAL includes design, bidding, construction engineering & inspection and post-design services.
Includes replacement of single post signs within resurfacing limits.
Does not include milling and resurfacing of SR 408 from Good Homes to Hiawassee Road, which will be resurfaced as part of the SR 408 widening project. Allows for I-4 Project limits.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

Design
4/23/12
4/25/16
RR
8.4
Seidel Road

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 429 Resurfacing
SR 429
Renewal & Replacement Projects
Mill & Resurface
Design & Construction

429-739

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021											
EAL	1,775			401	401	10	241	241	241	241																							
Construction	16,056						4,014	4,014	4,014	4,014																							
TOTAL	17,831			FY 16/17 Total =			5,067			FY 17/18 Total =			12,765			FY 18/19 Total =			-			FY 19/20 Total =			-			FY 20/21 Total =			-		
				Encumbered =			812			Encumbered =																							

Cash Flow Inflated (in thousands \$) :

Base Inflation rate = 2.6%

Construction Inflation Rates =

FY 2017 2.5%

FY 2018 2.7%

FY 2019 2.8%

FY 2020 2.6%

FY 2021 2.5%

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	1,806			404	404	10	247	247	247	247	-	-	-	-	-	-	-	-	-	-	-	-	-		
Construction	16,461			-	-	-	4,115	4,115	4,115	4,115	-	-	-	-	-	-	-	-	-	-	-	-	-		
TOTAL	18,267	FY 16/17 Total = 5,180				FY 17/18 Total = 13,087				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -							
		Encumbered = 817				Encumbered =																			

Remarks: EAL includes design, bidding, construction engineering & inspection and post-design services.
Includes replacement of single post signs within resurfacing limits.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
3/17/15
4/25/16
RR
1.4
SR 436

Priority :
1

To: Goldenrod Road

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 528 Resurfacing
SR 528
Renewal & Replacement Projects
Mill & Resurface
Design & Construction

528-740

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	477			106	106	10	127	127																	
Construction	4,248						2,124	2,124																	
TOTAL	4,725			FY 16/17 Total =		2,474		FY 17/18 Total =		2,251		FY 18/19 Total =		-		FY 19/20 Total =		-		FY 20/21 Total =		-			
				Encumbered =				Encumbered =																	

Cash Flow Inflated (in thousands \$) :

Base Inflation Rate = 2.6%

Const. Inflation Rates =

FY 2017 2.5%

FY 2018 2.7%

FY 2019 2.8%

FY 2020 2.6%

FY 2021 2.5%

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	486			107	107	10	131	131	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Construction	4,355			-	-	-	2,178	2,178	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TOTAL	4,841	FY 16/17 Total = 2,532				FY 17/18 Total = 2,308				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -							
		Encumbered =				Encumbered =																			

Remarks: EAL includes design, bidding, construction engineering & inspection and post-design services.
Includes replacement of single post signs within resurfacing limits.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
4/27/12
3/16/16
RR
21.7
Goldenrod Road

Priority :
1

To: SR 520 (East) / SR 417 Innovation Way (South)

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 528 Resurfacing
SR 528
Renewal & Replacement Projects
Mill & Resurface
Design & Construction

528-741

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	5,780					1,069	1,069	1,069	10	513	513	513	513	513											
Construction	42,740									8,548	8,548	8,548	8,548	8,548											
TOTAL	48,520					FY 16/17 Total = 2,137				FY 17/18 Total = 19,200				FY 18/19 Total = 27,183				FY 19/20 Total = -				FY 20/21 Total = -			
						Encumbered =				Encumbered =															

Cash Flow Inflated (in thousands \$) :		Base Inflation Rate =		2.6%		Const. Inflation Rates =		FY 2017		2.5%		FY 2018		2.7%		FY 2019		2.8%		FY 2020		2.6%		FY 2021		2.5%															
Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	5,962			-	-	1,090	1,090	1,090	10	537	537	537	537	537	-	-	-	-	-	-	-	-	-	-	-	-	-														
Construction	44,712			-	-	-	-	-	-	8,942	8,942	8,942	8,942	8,942	-	-	-	-	-	-	-	-	-	-	-	-	-														
TOTAL	50,674	FY 16/17 Total =				2,179				FY 17/18 Total =				20,058				FY 18/19 Total =				28,437				FY 19/20 Total =				-				FY 20/21 Total =				-			
		Encumbered =								Encumbered =																															

Remarks: EAL includes design, bidding, construction engineering & inspection and post-design services.
Includes SR 417 resurfacing from Innovation Way to SR 528.
Includes replacement of single post signs within resurfacing limits.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
7/3/13
3/16/16
RR
1.8
East of I-4

Priority :
1

To: Lake Underhill Bridge

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 408 Resurfacing
SR 408
Renewal & Replacement Projects
Mill & Resurface
Design & Construction

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	915											206	206	10	164	164	164																								
Construction	8,223														2,741	2,741	2,741																								
TOTAL	9,138	FY 16/17 Total =				-				FY 17/18 Total =				-				FY 18/19 Total =				3,327				FY 19/20 Total =				5,811				FY 20/21 Total =				-			
		Encumbered =								Encumbered =																															

Cash Flow Inflated (in thousands \$) :				Base Inflation Rate =				2.6%				Const. Inflation Rates =				FY 2017				FY 2018				FY 2019				FY 2020				FY 2021									
																2.5%				2.7%				2.8%				2.6%				2.5%									
Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	981			-	-	-	-	-	-	-	218	218	11	178	178	178	-	-	-	-	-	-	-	-	-	-	-	-	-												
Construction	8,905			-	-	-	-	-	-	-	-	-	-	2,968	2,968	2,968	-	-	-	-	-	-	-	-	-	-	-	-	-												
TOTAL	9,886	FY 16/17 Total =				-				FY 17/18 Total =				-				FY 18/19 Total =				3,594				FY 19/20 Total =				6,293				FY 20/21 Total =				-			
		Encumbered =								Encumbered =																															

Remarks: EAL includes design, bidding, construction engineering & inspection and post-design services.
Includes replacement of single post signs within resurfacing limits.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
7/3/13
4/25/16
RR
1.8
Lake Underhill Bridge

Priority :
1

To: Yucatan Drive

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 408 Resurfacing
SR 408
Renewal & Replacement Projects
Mill & Resurface
Design & Construction

408-739

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Construction																								
Toll Equipment																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	985			222	222	10	177	177	177																
Construction	8,867						2,956	2,956	2,956																
Toll Equipment	840								840																
TOTAL	10,693			FY 16/17 Total =			3,586	FY 17/18 Total =			7,106	FY 18/19 Total =			-	FY 19/20 Total =			-	FY 20/21 Total =			-		
				Encumbered =				Encumbered =																	

Cash Flow Inflated (in thousands \$) :				Base Inflation Rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%				FY 2018 2.7%				FY 2019 2.8%				FY 2020 2.6%				FY 2021 2.5%			
Activity	Totals \$	2016				2017				2018				2019				2020				2021									
EAL	1,002			223	223	10	182	182	182	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Construction	9,091			-	-	-	3,030	3,030	3,030	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Toll Equipment	873			-	-	-	-	-	873	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
TOTAL	10,967	FY 16/17 Total = 3,669				FY 17/18 Total = 7,298				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -													
		Encumbered =				Encumbered =																									

Remarks: EAL includes design, bidding, construction engineering & inspection and post-design services.
Includes replacement of single post signs within resurfacing limits.
Includes creation of 4th AVI lane under existing gantries. (4 lanes of equipment)

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
6/17/14
3/16/16
RR
6.5
SR 429

Priority :
1

To: US 441 (East)

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 414 Resurfacing
SR 414
Renewal & Replacement Projects
Mill & Resurface
Design & Construction

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	2,200													332	332	332	10	299	299	299	299				
Construction	19,904																	4,976	4,976	4,976	4,976				
TOTAL	22,104																								
FY 16/17 Total =				-	FY 17/18 Total =				-	FY 18/19 Total =				664	FY 19/20 Total =				10,891	FY 20/21 Total =				10,549	
Encumbered =					Encumbered =																				

Cash Flow Inflated (in thousands \$) :				Base Inflation Rate =				2.6%				Const. Inflation Rates =				FY 2017		FY 2018		FY 2019		FY 2020		FY 2021							
												2.5%		2.7%		2.8%		2.6%		2.5%											
Activity	Totals \$	2016				2017				2018				2019				2020				2021									
EAL	2,397			-	-	-	-	-	-	-	-	-	357	357	357	11	329	329	329	329	-	-									
Construction	21,979			-	-	-	-	-	-	-	-	-	-	-	-	-	5,495	5,495	5,495	5,495	-	-									
TOTAL	24,376	FY 16/17 Total =				-				FY 17/18 Total =				-				FY 18/19 Total =				713		FY 19/20 Total =		12,015		FY 20/21 Total =		11,648	
		Encumbered =								Encumbered =																					

Remarks: EAL includes design, bidding, construction engineering & inspection and post-design services.
Includes replacement of single post signs within resurfacing limits.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
7/3/13
3/16/16
RR
1
Moss Park

Priority :
1

To: Innovation Way

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 417 Resurfacing
SR 417
Renewal & Replacement Projects
Mill & resurface
Design & Construction

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	370													82	82	10	65	65	65																						
Construction	3,264																1,088	1,088	1,088																						
TOTAL	3,634	FY 16/17 Total =				-				FY 17/18 Total =				-				FY 18/19 Total =				164				FY 19/20 Total =				3,470				FY 20/21 Total =				-			
		Encumbered =								Encumbered =																															

Cash Flow Inflated (in thousands \$) :

Base Inflation Rate = 2.6%

Const. Inflation Rates =

FY 2017 2.5%

FY 2018 2.7%

FY 2019 2.8%

FY 2020 2.6%

FY 2021 2.5%

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	401			-	-	-	-	-	-	-	-	-	-	88	88	11	71	71	71	-	-	-	-		
Construction	3,581			-	-	-	-	-	-	-	-	-	-	-	-	-	1,194	1,194	1,194	-	-	-	-		
TOTAL	3,982	FY 16/17 Total = -				FY 17/18 Total = -				FY 18/19 Total = 176				FY 19/20 Total = 3,806				FY 20/21 Total = -							
		Encumbered =				Encumbered =																			

Remarks: EAL includes design, bidding, construction engineering & inspection and post-design services.
Includes replacement of single post signs within resurfacing limits.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
3/13/16
3/16/16
RR
4.2
SR 528

Priority :
1

To: Curry Ford Road

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 417 Resurfacing
SR 417
Renewal & Replacement Projects
Mill & Resurface
Design & Partial Construction

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	1,069																196	196	196	10	235	235			
Construction	7,845																				3,922	3,922			
TOTAL	8,914				FY 16/17 Total =	-	FY 17/18 Total =	-	FY 18/19 Total =	-	FY 19/20 Total =	392	FY 20/21 Total =	8,522											
					Encumbered =		Encumbered =																		

Cash Flow Inflated (in thousands \$) :

Base Inflation Rate = 2.6%

Const. Inflation Rates =

FY 2017
2.5%

FY 2018
2.7%

FY 2019
2.8%

FY 2020
2.6%

FY 2021
2.5%

Activity	Totals \$	2016				2017				2018				2019				2020				2021				
EAL	1,192			-	-	-	-	-	-	-	-	-	-	-	-	-	216	216	216	11	266	266				
Construction	8,883			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,442	4,442				
TOTAL	10,075	FY 16/17 Total =				-	FY 17/18 Total =				-	FY 18/19 Total =				-	FY 19/20 Total =				432	FY 20/21 Total =				9,643
		Encumbered =				Encumbered =																				

Remarks: EAL includes design, bidding, construction engineering & inspection and post-design services.
Includes replacement of single post signs within resurfacing limits.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
3/13/16
3/16/16
RR
1.6
SR 408

Priority :
1

To: SR 50

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 417 Resurfacing
SR 417
Renewal & Replacement Projects
Mill & Resurface
Design & Construction

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	500																111	111	10	89	89	89			
Construction	4,459																			1,486	1,486	1,486			
TOTAL	4,960				FY 16/17 Total =	-	FY 17/18 Total =	-	FY 18/19 Total =	-	FY 19/20 Total =	223	FY 20/21 Total =	4,737											
					Encumbered =		Encumbered =																		

Cash Flow Inflated (in thousands \$) :				Base Inflation Rate =				2.6%				Const. Inflation Rates =				FY 2017		FY 2018		FY 2019		FY 2020		FY 2021																	
												2.5%		2.7%		2.8%		2.6%		2.5%																					
Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	558			-	-	-	-	-	-	-	-	-	-	-	-	123	123	11	100	100	100																				
Construction	5,018			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,673	1,673	1,673																				
TOTAL	5,576	FY 16/17 Total =				-				FY 17/18 Total =				-				FY 18/19 Total =				-				FY 19/20 Total =				246				FY 20/21 Total =				5,330			
				Encumbered =								Encumbered =																													

Remarks: EAL includes design, bidding, construction engineering & inspection and post-design services.
Includes replacement of single post signs within resurfacing limits.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
3/13/16
3/16/16
RR
2.6
Yucatan Drive

Priority :
1

To: SR 417

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 408 Resurfacing
SR 408
Renewal & Replacement Projects
Mill & Resurface
Design & Construction

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	895																201	201	10	161	161	161			
Construction	8,041																			2,680	2,680	2,680			
TOTAL	8,936				FY 16/17 Total =	-	FY 17/18 Total =	-	FY 18/19 Total =	-	FY 19/20 Total =	402	FY 20/21 Total =	8,534											
					Encumbered =		Encumbered =																		

Cash Flow Inflated (in thousands \$) :				Base Inflation Rate =				2.6%				Const. Inflation Rates =				FY 2017		FY 2018		FY 2019		FY 2020		FY 2021	
												2.5%		2.7%		2.8%		2.6%		2.5%					
Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	996			-	-	-	-	-	-	-	-	-	-	-	-	-	222	222	11	181	181	181			
Construction	9,049			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,016	3,016	3,016			
TOTAL	10,046			FY 16/17 Total =		-		FY 17/18 Total =		-		FY 18/19 Total =		-		FY 19/20 Total =		443		FY 20/21 Total =		9,603			
				Encumbered =				Encumbered =																	

Remarks: EAL includes design, bidding, construction engineering & inspection and post-design services.
Includes replacement of single post signs within resurfacing limits.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
3/13/16
3/13/16
RR
1.5
Alafaya Trail

Priority :
1

To: SR 50 (East)

Project Name/Number :
Route Number :
Project Category :
Work Description :

SR 408 Resurfacing
SR 408
Renewal & Replacement Projects
Mill & Resurface
Design & Construction

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	259																44	44	10	53	53	53			
Construction	2,669																			890	890	890			
TOTAL	2,928				FY 16/17 Total =		-		FY 17/18 Total =		-		FY 18/19 Total =		-		FY 19/20 Total =		89		FY 20/21 Total =		2,839		
					Encumbered =				Encumbered =																

Cash Flow Inflated (in thousands \$) :		Base Inflation Rate =		2.6%		Const. Inflation Rates =		FY 2017		2.5%		FY 2018		2.7%		FY 2019		2.8%		FY 2020		2.6%		FY 2021		2.5%															
Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	289			-	-	-	-	-	-	-	-	-	-	-	-	-	49	49	11	60	60	60																			
Construction	3,003			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,001	1,001	1,001																				
TOTAL	3,292	FY 16/17 Total =				-				FY 17/18 Total =				-				FY 18/19 Total =				-				FY 19/20 Total =				98				FY 20/21 Total =				3,194			
		Encumbered =								Encumbered =																															

Remarks: EAL includes design, bidding, construction engineering & inspection and post-design services.
Includes replacement of single post signs within resurfacing limits.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
5/10/04
3/16/16
RR
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

Miscellaneous Resurfacing Projects
Systemwide
Renewal & Replacement Projects
Mill & Resurface
Design & Construction

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021											
EAL	200				15	10	15		15	10	15		15	10	15		15	10	15		15	10	15										
Construction	1,250						250				250				250				250				250										
TOTAL	1,450	FY 16/17 Total =				290				FY 17/18 Total =				290				FY 18/19 Total =				290				FY 19/20 Total =				290			
		Encumbered =								Encumbered =																							

Cash Flow Inflated (in thousands \$) :				Base Inflation Rate =				2.6%				Const. Inflation Rates =				FY 2017				FY 2018				FY 2019				FY 2020				FY 2021													
												2.5%				2.7%				2.8%				2.6%				2.5%																	
Activity	Totals \$	2016				2017				2018				2019				2020				2021																							
EAL	200			-	15		10		15		-		15		10		15		10		-		15		10		15																		
Construction	1,250			-	-		-		250		-		-		-		250		-		-		-		-		250		-		250														
TOTAL	1,450					FY 16/17 Total =				290				FY 17/18 Total =				290				FY 18/19 Total =				290				FY 19/20 Total =				290				FY 20/21 Total =				290			
						Encumbered =								Encumbered =																															

Remarks: EAL includes design, bidding, construction engineering & inspection and post-design services.
No inflation has been added. Annual escalation assumed to be included in total dollars allocated per fiscal year.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

On-going
9/4/12
3/16/16
RR
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

Miscellaneous Drainage and Stormwater Projects
Systemwide
Renewal & Replacement Projects
Drainage and Stormwater
Design & Construction
(Projects to be determined)

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding/Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	300			15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15			
Construction	1,250					125	125			125	125			125	125			125	125			125	125		
TOTAL	1,550			FY 16/17 Total = 310				FY 17/18 Total = 310				FY 18/19 Total = 310				FY 19/20 Total = 310				FY 20/21 Total = 310					
				Encumbered =				Encumbered =																	

Cash Flow Inflated (in thousands \$) :				Base Inflation Rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%				FY 2018 2.7%				FY 2019 2.8%				FY 2020 2.6%				FY 2021 2.5%			
Activity	Totals \$	2016				2017				2018				2019				2020				2021									
EAL	300			15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15									
Construction	1,250			-	-	125	125	-	-	125	125	-	-	125	125	-	-	125	125	-	-	125	125								
TOTAL	1,550	FY 16/17 Total = 310				FY 17/18 Total = 310				FY 18/19 Total = 310				FY 19/20 Total = 310				FY 20/21 Total = 310													
		Encumbered =				Encumbered =																									

Remarks: EAL includes design, permitting, bidding, construction engineering & inspection and post-design services.
No inflation has been added. Annual escalation assumed to be included in total dollars allocated per fiscal year.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

On-going
3/1/95
3/16/16
RR
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

Systemwide Bridge Projects
Systemwide
Renewal & Replacement Projects
Misc. Structural Projects
Design & Construction
(Projects to be determined)

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding & Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	420				42	21	21		42	21	21		42	21	21		42	21	21		42	21	21		
Construction	1,750					175	175			175	175			175	175			175	175			175	175		
TOTAL	2,170																								
		FY 16/17 Total = 434				FY 17/18 Total = 434				FY 18/19 Total = 434				FY 19/20 Total = 434				FY 20/21 Total = 434							
		Encumbered =				Encumbered =																			

Cash Flow Inflated (in thousands \$) :

Base Inflation Rate = 2.6%

Const. Inflation Rates =

FY 2017 2.5%

FY 2018 2.7%

FY 2019 2.8%

FY 2020 2.6%

FY 2021 2.5%

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	420			-	42	21	21	-	42	21	21	-	42	21	21	-	42	21	21	-	42	21	21		
Construction	1,750			-	-	175	175	-	-	175	175	-	-	175	175	-	-	175	175	-	-	175	175		
TOTAL	2,170																								
		FY 16/17 Total = 434				FY 17/18 Total = 434				FY 18/19 Total = 434				FY 19/20 Total = 434				FY 20/21 Total = 434							
		Encumbered =				Encumbered =																			

Remarks: EAL includes design, bidding, construction engineering & inspection and post-design services.
No inflation has been added. Annual escalation assumed to be included in total dollars allocated per fiscal year.
Work includes the repair of cracks, joints & spalls.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

Design
4/1/01
5/3/16
RR
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

Systemwide Coatings
Systemwide
Renewal & Replacement Projects
Painting & Inspections
Design & Construction
(Projects to be determined)

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding & Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	1,570			210	80	80	80	150	65	65		150	65	65		150	65	65		150	65	65			
Construction	9,520				1,000	1,000	1,000		815	815			815	815			815	815			815	815			
TOTAL	11,090			FY 16/17 Total = 3,450				FY 17/18 Total = 1,910				FY 18/19 Total = 1,910				FY 19/20 Total = 1,910				FY 20/21 Total = 1,910					
				Encumbered =				Encumbered =																	

Cash Flow Inflated (in thousands \$) :				Base Inflation Rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%				FY 2018 2.7%				FY 2019 2.8%				FY 2020 2.6%				FY 2021 2.5%			
Activity	Totals \$	2016				2017				2018				2019				2020				2021									
EAL	1,570			210	80	80	80	150	65	65	-	150	65	65	-	150	65	65	-	150	65	65	-								
Construction	9,520			-	1,000	1,000	1,000	-	815	815	-	-	815	815	-	-	815	815	-	-	815	815	-								
TOTAL	11,090	FY 16/17 Total = 3,450				FY 17/18 Total = 1,910				FY 18/19 Total = 1,910				FY 19/20 Total = 1,910				FY 20/21 Total = 1,910													
		Encumbered =				Encumbered =																									

Remarks: EAL includes design, bidding, construction engineering & inspection and post-design services.
No inflation has been added. Annual escalation assumed to be included in total dollars allocated per fiscal year.
Includes Project 599-734 on SR 408.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
4/1/97
3/16/16
RR
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

Systemwide Fence Projects
Systemwide
Renewal & Replacement Projects
Fencing Replacement
Construction
(Projects to be determined)

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	100				20				20				20				20				20				
Construction	1,150				230				230				230				230				230				
TOTAL	1,250				FY 16/17 Total =	250			FY 17/18 Total =	250			FY 18/19 Total =	250			FY 19/20 Total =	250			FY 20/21 Total =	250			
					Encumbered =			Encumbered =																	

Cash Flow Inflated (in thousands \$) :				Base Inflation Rate =				2.6%				Const. Inflation Rates =				FY 2017				FY 2018				FY 2019				FY 2020				FY 2021									
												2.5%				2.7%				2.8%				2.6%				2.5%													
Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	100			-	20	-	-	-	20	-	-	-	20	-	-	-	20	-	-	-	20	-	-																		
Construction	1,150			-	230	-	-	-	230	-	-	-	230	-	-	-	230	-	-	-	230	-	-																		
TOTAL	1,250	FY 16/17 Total =				250				FY 17/18 Total =				250				FY 18/19 Total =				250				FY 19/20 Total =				250				FY 20/21 Total =				250			
		Encumbered =								Encumbered =																															

Remarks: EAL includes design, bidding, construction engineering & inspection and post-design services.
No inflation has been added. Annual escalation assumed to be included in total dollars allocated per fiscal year.
Includes clearing of fence lines.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
4/1/97
3/13/16
RR
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

Systemwide Bridge Joint & Approach Slab Projects
Systemwide
Renewal & Replacement Projects
Concrete Pavement Projects
Design & Construction
(Projects to be determined)

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	75				7	8			7	8			7	8			7	8			7	8			
Construction	425					85				85				85				85				85			
TOTAL	500																								
		FY 16/17 Total =				100				FY 17/18 Total =				100				FY 18/19 Total =				100			
		Encumbered =																							

Cash Flow Inflated (in thousands \$) :		Base Inflation Rate =		2.6%		Const. Inflation Rates =		FY 2017		2.5%		FY 2018		2.7%		FY 2019		2.8%		FY 2020		2.6%		FY 2021		2.5%															
Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	75			-	7	8	-	-	7	8	-	-	7	8	-	-	7	8	-	-	7	8	-	-																	
Construction	425			-	-	85	-	-	-	85	-	-	-	85	-	-	-	85	-	-	-	85	-	-																	
TOTAL	500	FY 16/17 Total =				100				FY 17/18 Total =				100				FY 18/19 Total =				100				FY 19/20 Total =				100				FY 20/21 Total =				100			
		Encumbered =				Encumbered =																																			

Remarks: EAL includes design, bidding, construction engineering & inspection and post-design services.
No inflation has been added. Annual escalation assumed to be included in total dollars allocated per fiscal year.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
4/1/99
5/2/16
RR
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

Systemwide Reflective Pavement Markers & Thermo Striping
Systemwide
Renewal & Replacement Projects
RPM Replacement & Striping
Design & Construction
(Projects to be determined)

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	205				15	10	10		20	10	15		25	10	15		15	10	10		20	10	10																		
Construction	580						95				130				145				100				110																		
TOTAL	785	FY 16/17 Total =				130				FY 17/18 Total =				175				FY 18/19 Total =				195				FY 19/20 Total =				135				FY 20/21 Total =				150			
		Encumbered =								Encumbered =																															

Cash Flow Inflated (in thousands \$) :				Base Inflation Rate =				2.6%				Const. Inflation Rates =				FY 2017				FY 2018				FY 2019				FY 2020				FY 2021									
												2.5%				2.7%				2.8%				2.6%				2.5%													
Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	205			-	15	10	10	-	20	10	15	-	25	10	15	-	15	10	10	-	20	10	10																		
Construction	580			-	-	-	95	-	-	-	130	-	-	-	145	-	-	-	100	-	-	-	110																		
TOTAL	785	FY 16/17 Total =				130				FY 17/18 Total =				175				FY 18/19 Total =				195				FY 19/20 Total =				135				FY 20/21 Total =				150			
		Encumbered =								Encumbered =																															

Remarks: EAL includes design, bidding, construction engineering & inspection and post-design services.
No inflation has been added. Annual escalation assumed to be included in total dollars allocated per fiscal year.
Includes RPM replacements every 3 years and thermoplastic striping replacement every 6 years.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
5/26/12
3/16/16
RR
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

Systemwide Trailblazer Upgrades
Systemwide
Signing and Pavement Markings
Signing Upgrades
Design & Construction

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	710				70	10	40	40	70	10	40	40	70	10	40	40	100	10	60	60																					
Construction	4,500						500	500			500	500			500	500			750	750																					
TOTAL	5,210	FY 16/17 Total =				620				FY 17/18 Total =				1,160				FY 18/19 Total =				1,160				FY 19/20 Total =				1,460				FY 20/21 Total =				810			
		Encumbered =								Encumbered =																															

Cash Flow Inflated (in thousands \$) :		Base Inflation Rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%				FY 2018 2.7%				FY 2019 2.8%				FY 2020 2.6%				FY 2021 2.5%			
Activity	Totals \$	2016				2017				2018				2019				2020				2021							
EAL	710			-	70	10	40	40	70	10	40	40	70	10	40	40	100	10	60	60	-	-	-						
Construction	4,500			-	-	-	500	500	-	-	500	500	-	-	500	500	-	-	750	750	-	-	-						
TOTAL	5,210	FY 16/17 Total = 620				FY 17/18 Total = 1,160				FY 18/19 Total = 1,160				FY 19/20 Total = 1,460				FY 20/21 Total = 810											
		Encumbered =				Encumbered =																							

Remarks: EAL includes design, bidding, construction engineering & inspection and post-design services.
No inflation has been added. Annual escalation assumed to be included in total dollars allocated per fiscal year.
Includes SR 417 from SR 528 to County Line in 2017; SR 429 from Seidel Road to CR 535 in 2018; and SR 414 and SR 528 from SR 436 to SR 520 in 2019.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
3/18/08
5/3/16
RR
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

Systemwide Signing Replacement Projects
Systemwide
Signing and Pavement Markings
Signing Improvements
Design & Construction

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Bid																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	980				70	70	10	50	50	50	65	65	10	50	50	50	90	90	10	67	67	67			
Construction	5,030							510	510	510				500	500	500				665	665	670			
TOTAL	6,010				FY 16/17 Total =	150			FY 17/18 Total =	1,745			FY 18/19 Total =	1,175			FY 19/20 Total =	740			FY 20/21 Total =	2,200			
					Encumbered =			Encumbered =																	

Cash Flow Inflated (in thousands \$) :		Base Inflation Rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%																							
Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	980			-	70	70	10	50	50	50	65	65	10	50	50	50	90	90	10	67	67	67	-																		
Construction	5,030			-	-	-	-	510	510	510	-	-	-	500	500	500	-	-	-	665	665	670	-																		
TOTAL	6,010	FY 16/17 Total =				150				FY 17/18 Total =				1,745				FY 18/19 Total =				1,175				FY 19/20 Total =				740				FY 20/21 Total =				2,200			
		Encumbered =								Encumbered =																															

Remarks: EAL includes design, bidding, construction engineering & inspection and post design services. No inflation has been added. Annual escalation assumed to be included in total dollars allocated per fiscal year.

Includes fluorescent sign replacement on SR 414 in FYs 17 and 18 (design and construction), and on SR 429/414 in FY 20.

Guide Sign Improvement Projects include LED lights.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

Construction
6/27/13
4/25/16
RR
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

Single Line DMS Upgrade
Systemwide
ITS
Upgrade DMS
Design & Construction

599-525

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	660			165	165	165	165																		
Construction	5,500			1,375	1,375	1,375	1,375																		
TOTAL	6,160			FY 16/17 Total =			6,160	FY 17/18 Total =			-	FY 18/19 Total =			-	FY 19/20 Total =			-	FY 20/21 Total =			-		
				Encumbered =			6,160	Encumbered =																	

Cash Flow Inflated (in thousands \$) :		Base Inflation Rate =		2.6%		Const. Inflation Rates =		FY 2017		2.5%		FY 2018		2.7%		FY 2019		2.8%		FY 2020		2.6%		FY 2021		2.5%															
Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	660			165	165	165	165	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																			
Construction	5,500			1,375	1,375	1,375	1,375	-	-	-	-	-	-	-	-	-	-	-	-	-	-																				
TOTAL	6,160	FY 16/17 Total =				6,160				FY 17/18 Total =				-				FY 18/19 Total =				-				FY 19/20 Total =				-				FY 20/21 Total =				-			
		Encumbered =				6,160				Encumbered =																															

Remarks: EAL includes construction engineering & inspection and post-design services.
Upgrade single-line express lane DMS signs to improve reliability and reduce maintenance cost.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

On-going
4/15/10
3/16/16
RR
-
-

Priority :
1

Project Name/Number :
Route Number :
Project Category :
Work Description :

Traffic Management CCTV Upgrade
Systemwide
ITS
Migration to IP Traffic Management Cameras
Implementation

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Implementation																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
Implementation	600				150				150				150												
TOTAL	600				FY 16/17 Total = 150				FY 17/18 Total = 150				FY 18/19 Total = 150				FY 19/20 Total = 150				FY 20/21 Total = -				
					Encumbered =				Encumbered =																

Cash Flow Inflated (in thousands \$) :		Base Inflation Rate = 2.6%				Const. Inflation Rates =				FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%							
Activity	Totals \$	2016				2017				2018				2019				2020				2021			
Implementation	628			151	-	-	-	155	-	-	-	159	-	-	-	163	-	-	-	-	-	-	-	-	-
TOTAL	628	FY 16/17 Total = 151				FY 17/18 Total = 155				FY 18/19 Total = 159				FY 19/20 Total = 163				FY 20/21 Total = -							
		Encumbered =				Encumbered =																			

Remarks: Migration of existing analog traffic management CCTV cameras to IP cameras, which will result in more cost-effective maintenance.
Funds will cover purchase of approximately 36 cameras per year (over 5 years) to upgrade existing cameras as they approach end of life.
Includes purchase of 24-port layer 2 switches for field cabinets. Includes Project 599-528.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

On-going
3/1/95
3/16/16
SP
-
-

Priority :
2

Project Name/Number :
Route Number :
Project Category :
Work Description :

Systemwide Discretionary Landscape Projects
Systemwide
Landscape Projects
Landscaping
Design & Construction
5 yr. Landscaping Program

-

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Design																								
Construction																								
Maintenance																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021				
EAL	850			70	50	50		70	50	50		70	50	50		70	50	50		70	50	50				
Construction	6,500				650	650			650	650			650	650			650	650			650	650				
Maintenance	150			7	8	7	8	7	8	7	8	7	8	7	8	7	8	7	8	7	8	7	8			
TOTAL	7,500			FY 16/17 Total = 1,500				FY 17/18 Total = 1,500				FY 18/19 Total = 1,500				FY 19/20 Total = 1,500				FY 20/21 Total = 1,500						
				Encumbered =				Encumbered =																		

Cash Flow Inflated (in thousands \$) :

Base Inflation Rate = 2.6%

Const. Inflation Rates =

FY 2017 2.5%

FY 2018 2.7%

FY 2019 2.8%

FY 2020 2.6%

FY 2021 2.5%

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	850			70	50	50	-	70	50	50	-	70	50	50	-	70	50	50	-	70	50	50	-		
Construction	6,500			-	650	650	-	-	650	650	-	-	650	650	-	-	650	650	-	-	650	650	-		
Maintenance	150			7	8	7	8	7	8	7	8	7	8	7	8	7	8	7	8	7	8	7	8		
TOTAL	7,500	FY 16/17 Total = 1,500				FY 17/18 Total = 1,500				FY 18/19 Total = 1,500				FY 19/20 Total = 1,500				FY 20/21 Total = 1,500							
		Encumbered =				Encumbered =																			

Remarks: EAL includes design, permitting, bidding, construction engineering & inspection and post-design services.
No inflation has been added. Annual escalation assumed to be included in total dollars allocated per fiscal year.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status :
Date Originated :
Last Revision :
Fund Source :
Length (miles) :
From:

No Activity
5/10/04
3/13/16
NSP
0.9
Lee Vista

Priority :
1

To: Narcoossee Road

Project Name/Number :
Route Number :
Project Category :
Work Description :

Goldenrod Road Resurfacing
SR 551
Non-System Projects
Mill & Resurface
Construction

800-903E

Project Schedule :

Activity	2016				2017				2018				2019				2020				2021			
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2016				2017				2018				2019				2020				2021			
EAL	102							10	46	46															
Construction	922								461	461															
TOTAL	1,024																								
				FY 16/17 Total =	-	FY 17/18 Total =				1,024	FY 18/19 Total =				-	FY 19/20 Total =				-	FY 20/21 Total =				-
				Encumbered =				Encumbered =																	

Cash Flow Inflated (in thousands \$) :		Base Inflation Rate =		2.6%		Const. Inflation Rates =		FY 2017		2.5%		FY 2018		2.7%		FY 2019		2.8%		FY 2020		2.6%		FY 2021		2.5%															
Activity	Totals \$	2016				2017				2018				2019				2020				2021																			
EAL	106			-	-	-	-	10	48	48	-	-	-	-	-	-	-	-	-	-	-	-	-																		
Construction	958			-	-	-	-	-	479	479	-	-	-	-	-	-	-	-	-	-	-	-	-																		
TOTAL	1,064	FY 16/17 Total =				-				FY 17/18 Total =				1,064				FY 18/19 Total =				-				FY 19/20 Total =				-				FY 20/21 Total =				-			
		Encumbered =				-				Encumbered =																															

Remarks: EAL includes design, bidding and construction engineering & inspection.
Estimated construction cost for \$922 thousand (2016\$) from Lee Vista to Narcoossee Road.
Design completed with 800-903D. Construction of Section 800-903D, from Cargo Road to Lee Vista, which included Friction Course Repair on SR 528 at the SR 528/Goldenrod Road Interchange is complete.