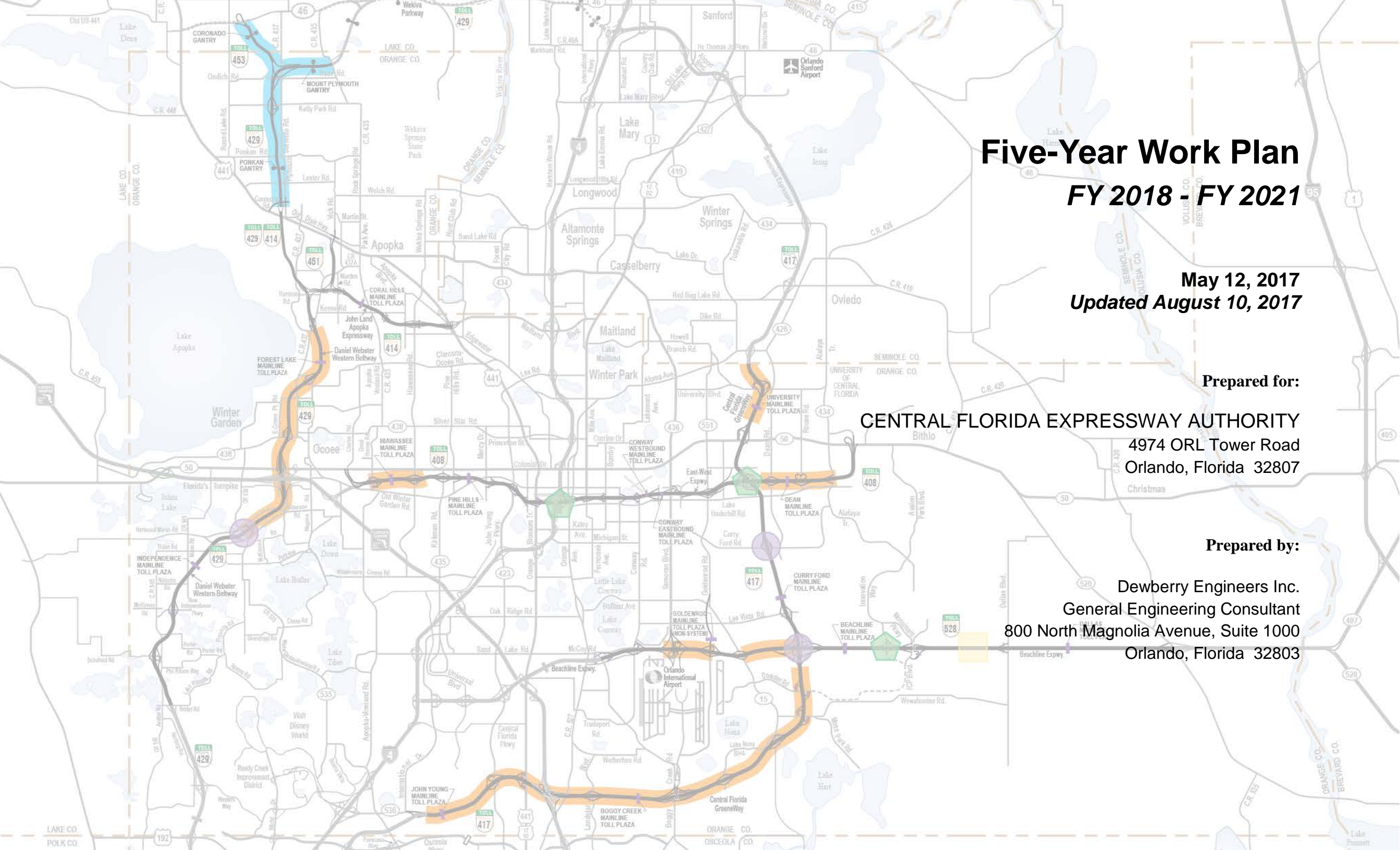




Five-Year Work Plan

FY 2018 - FY 2022

May 12, 2017
Updated August 10, 2017



Five-Year Work Plan FY 2018 - FY 2021

May 12, 2017
Updated August 10, 2017

Prepared for:

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EXECUTIVE SUMMARY

The Central Florida Expressway Authority's (CFX) FY 2018-2022 Five-Year Work Plan (Work Plan) was approved at the May 12, 2017 Board meeting and totals over \$1.6 billion.

CFX is authorized to build, operate and maintain a transportation facility in Central Florida, incorporating Lake, Orange, Osceola and Seminole counties. The Five-Year 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 projects that meet the region's transportation needs and match anticipated funding during the next five years.

During the development process, input from CFX staff and consultants was incorporated into the Draft Work Plan. The FY 2018-2022 Work Plan also utilized prior Work Plans and the 2040 Master Plan as a foundation and supports the CFX's adopted vision and mission. Renewal & Replacement, Intelligent Transportation Systems (ITS) and Technology 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 13, 2017, 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.

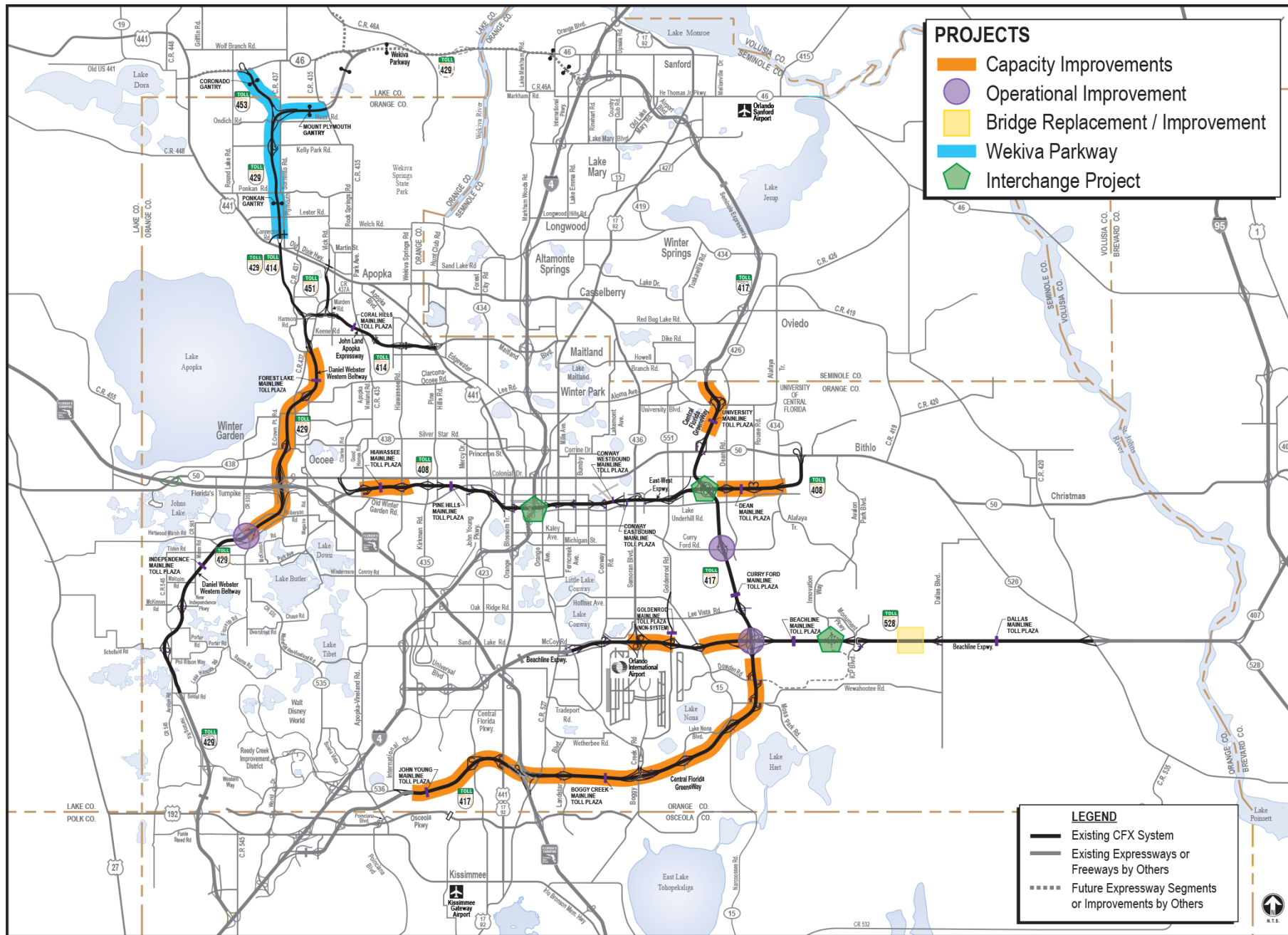
Working towards the goal of a world-class system, the FY 2018-2022 Work Plan is a robust and diverse approach that will allow CFX to continue to invest in the existing system while looking for opportunities to address the mobility needs of Central Florida. In a continued effort to enhance customer satisfaction, partnerships with the City of Orlando and the Orlando-Sanford Airport will be explored.

Highlights of the FY 2018-2022 Work Plan include:

- The \$1.6 billion work plan is the largest ever in CFX's history
- \$680 million allocated for capacity improvement projects for widening SR 408, SR 417, SR 429 and SR 528 (40 centerline miles)
- Completing upgrades at the systems interchanges at the SR 408 / I-4 Interchange and SR 408 / SR 417 interchange
- Completion of CFX's portion of Wekiva Parkway by summer 2018
- Resurfacing 60 centerline miles; over half of the overall system
- Upgrading the Toll Collection System and updating E-PASS
- Identifying the transportation needs of the region through six concept, feasibility and mobility studies
- Improving interchange operations for the following ramp movements:
 - SR 417 southbound to SR 528 westbound
 - CR 535 northbound entrance ramp to SR 429
 - Curry Ford Road southbound entrance ramp to SR 417

“To provide the region with a world-class, integrated mobility network that drives economic prosperity and quality of life.”

Central Florida Expressway Authority's Vision Statement




Five-Year Work Plan FY 2018- FY 2022
Major Projects Map **Figure 1**

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Central Florida Expressway Authority
 Five-Year Work Plan
Addendum Log

Addendum Number	Date	Page Number(s)	Description
1	August 10, 2017	Cover Sheet, i, v, 10, 15, 24, & 87A	Added Project: SR 408 - Rio Grande Ave. Interchange



Section 1 Introduction

Central Florida Expressway Authority

FY 18-22 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 to build, operate and maintain a transportation facility in Central Florida, encompassing Lake, Orange, Osceola and Seminole counties. Wekiva Parkway Phases I and II are expected to open in fiscal year 2018 which is reflected in Figure 2. This will bring CFX's system to 118 centerline miles of limited access expressway (815 lane miles), 69 interchanges, 14 mainline plazas, 3 mainline gantries, 74 ramp facilities (includes three ramp gantries) and 335 bridges along the following roadways:



The Spessard L. 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 and 22 ramp toll plazas 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 32 miles. There are four mainline and 26 ramp plazas 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 travel route between west Orange County and the Orlando Central Business District. Overall, SR 429 extends north from I-4 in Osceola County to Mount Plymouth Road in Apopka. CFX's portion includes 31 miles from Seidel Road north to Mount Plymouth Road and includes two mainline plazas, two mainline gantries and 12 ramp plazas. Of the total 31 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 plazas associated with this portion of the CFX system.

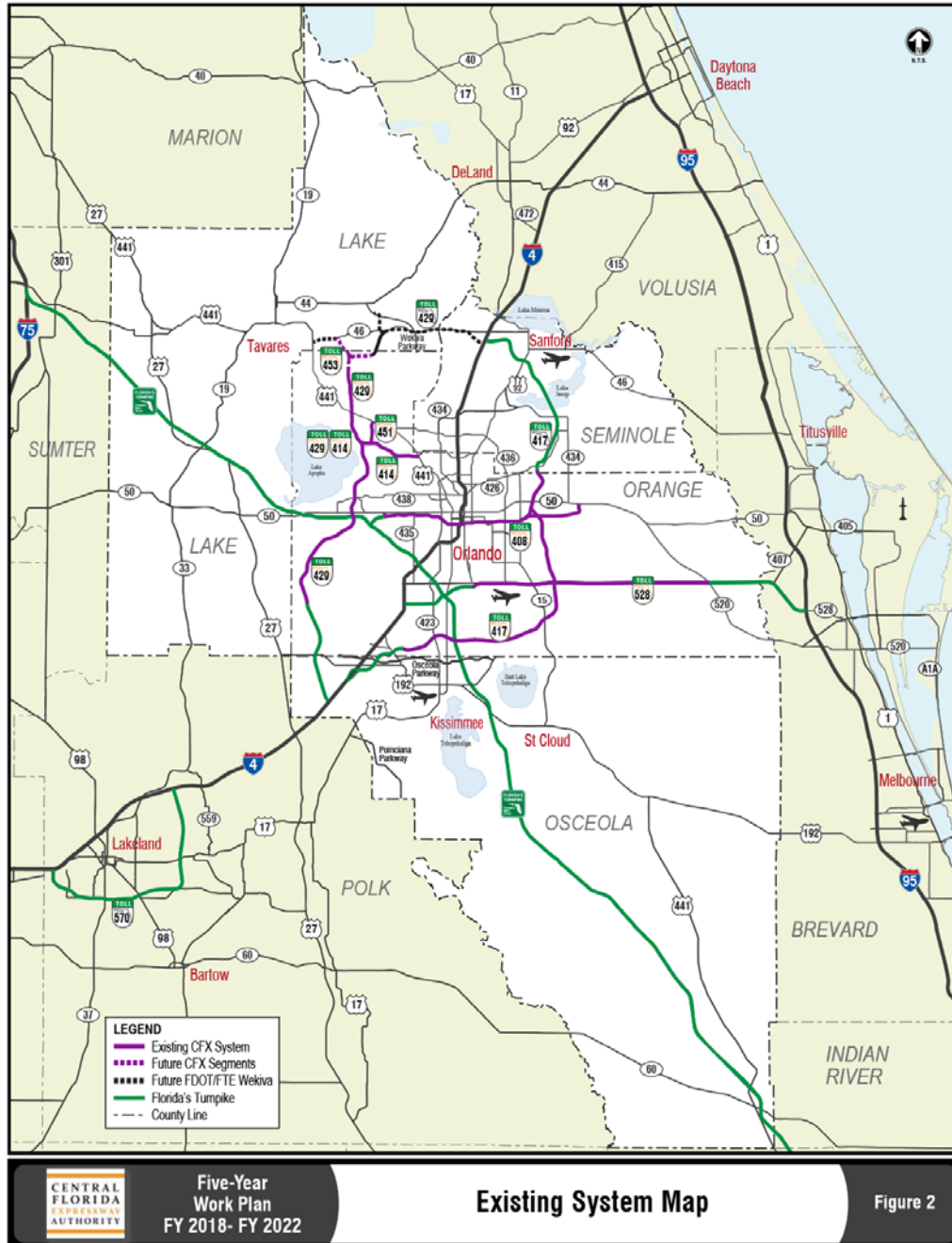


SR 453 is part of Phase II of the Wekiva Parkway and is expected to open in summer of 2018. This 2 mile facility will serve as a connection from SR 429 to SR 46 in Lake County and will include one mainline gantry.



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 mainline and ten ramp facilities (includes two ramp rebate gantries). 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 plaza.



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 projects that meet the region’s transportation needs and match anticipated 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. As such, it will change as priorities are re-evaluated, projects are completed and new projects are identified. The Work Plan is developed from CFX’s Master Plan, which includes input from local governments, businesses, transportation agencies, CFX customers and CFX’s engineering, operations and maintenance staff. Available funding for the Work Plan is based on the current toll rate plan. Any toll rate adjustment will impact the Work Plan, changing the funds available for projects and potentially impacting project timetables.

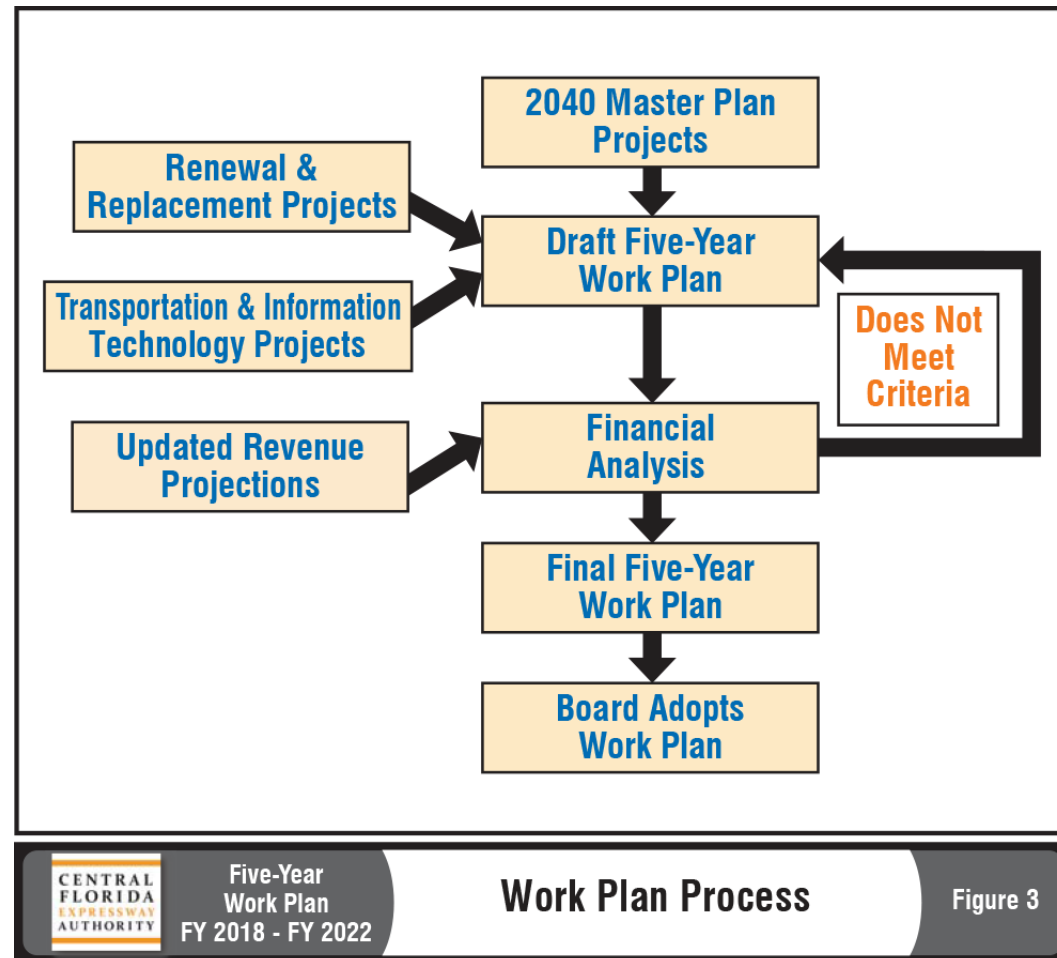
CFX’s FY 2018-2022 Five-Year Work Plan was approved at the May 12, 2017 Board meeting and totals \$1.63 billion. The previous Work Plan (FY 17-21) was adopted on May 12, 2016, and totaled \$1.36 billion.

1.3 Development Process

During the development process, input from CFX staff and consultants was incorporated into the Draft Work Plan. The FY 2018-2022 Work Plan also utilized prior Work Plans and the 2040 Master Plan as a foundation and supports the CFX’s adopted vision and mission. Renewal & Replacement, Intelligent Transportation Systems (ITS) and Technology needs were evaluated and included in the Draft Work Plan. Figure 3 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

totalled 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 that 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, General Systems 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 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 can be found in Section 5.

1.5.1 Category Summary

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

- Existing System Improvements
- System Expansion Projects
- Interchange Projects
- Facilities Projects
- Transportation Technology Projects
- Information 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.

1.5.2 Category Reports

A Category Report is provided for each of the ten categories listed under Section 1.5.1.

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 included in Section 5.

1.5.3 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:

- System Projects Fund (SF)
- Construction Fund BAN (CF). 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.
- Renewal and Replacement (RR). The projects included in this fund are the projects needed to maintain the serviceability of the system. These projects provide rehabilitation of the CFX assets that have reached the end of their serviceable life and are not considered to be maintenance projects.
- Non-System Projects (NSP)

1.5.4 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.

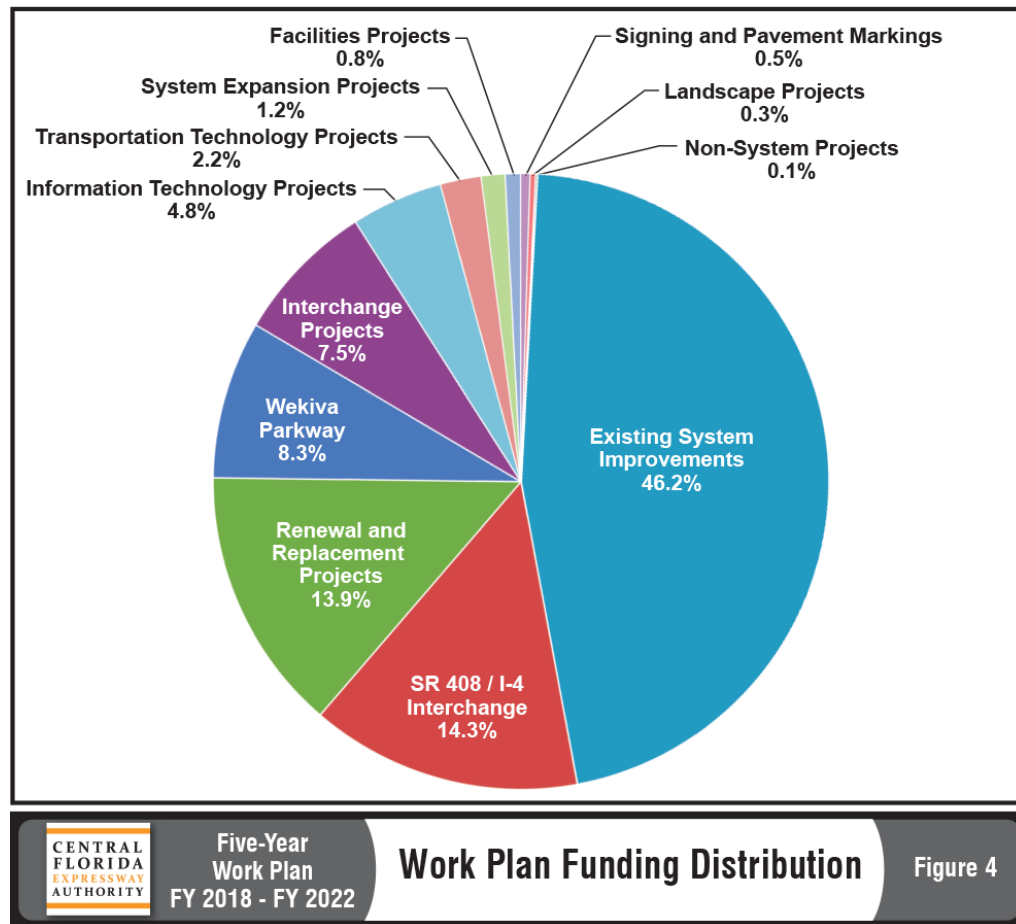
The 2040 Master Plan recommends pursuing capacity and operational improvement projects for the existing system beyond those identified in the Work Plan. It identifies widenings along SR 417, SR 429 and SR 528, as well as interchange improvements at three existing interchanges. In addition, it outlines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

1.5.5 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.

1.6 FY 18-22 Work Plan Totals

As summarized in Section 2, the Work Plan totals \$1.63 billion. Figure 4 reflects the Work Plan funding distribution by category.



1.7 Major Projects in FY 18-22 Work Plan

The Project Information reports in Section 5 include details for each of the projects included in the FY 18-22 Work Plan. The following is a summary of the projects, by category. Figure 1 in the executive summary shows a graphic overview 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. Projects with design and/or construction within the first two years of the Work Plan include:

- SR 408 Widening from Good Homes Road to East of Hiawasse Road
- SR 408 Widening from SR 417 to Alafaya Trail
- SR 417 Widening from International Drive to Boggy Creek Road (3 projects)
- SR 417 Widening from Econlockhatchee Trail to the County Line
- SR 429 Widening from Florida's Turnpike to West Road
- SR 429 / Florida's Turnpike Interchange Improvements
- SR 528 Widening from SR 436 to Goldenrod Road
- SR 528 Econ River Bridge Replacement and Widening
- SR 417 / SR 528 Ramp Improvements
- SR 417 / Curry Ford Road Ramp Improvements
- SR 429 / CR 535 Ramp Improvements
- SR 528 Fencing

Future widenings also included in the Work Plan are:

- SR 417 from Boggy Creek Road to SR 528 (2 projects)
- SR 429 from CR 535 to Florida's Turnpike
- SR 429 from Florida's Turnpike to CR 437A
- SR 528 from Narcoossee Road to SR 417

This category also includes systemwide miscellaneous safety and operational improvements, guardrail upgrades, drainage improvements and roadway lighting improvements scheduled throughout the five years. A new Safety Campaign project has been added to this year's Work Plan.

Multimodal / Intermodal Opportunity Studies are also included in the Work Plan. The first study was completed in FY 17 with a second currently underway. Future studies will be based on the findings and recommendations from these studies.

1.7.2 System Expansion Projects

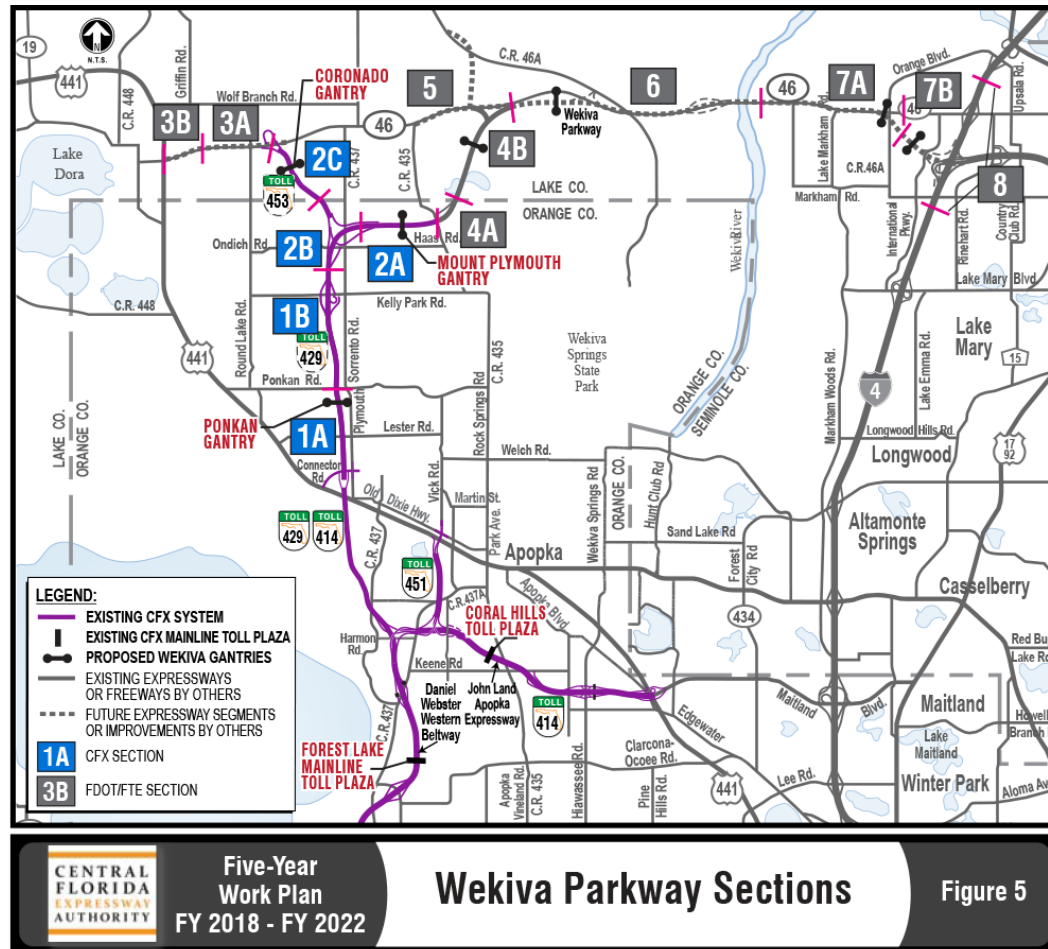
System expansion projects include new alignments. The FY 18-22 Work Plan has three main features: Completion of CFX’s portion of the Wekiva Parkway, the

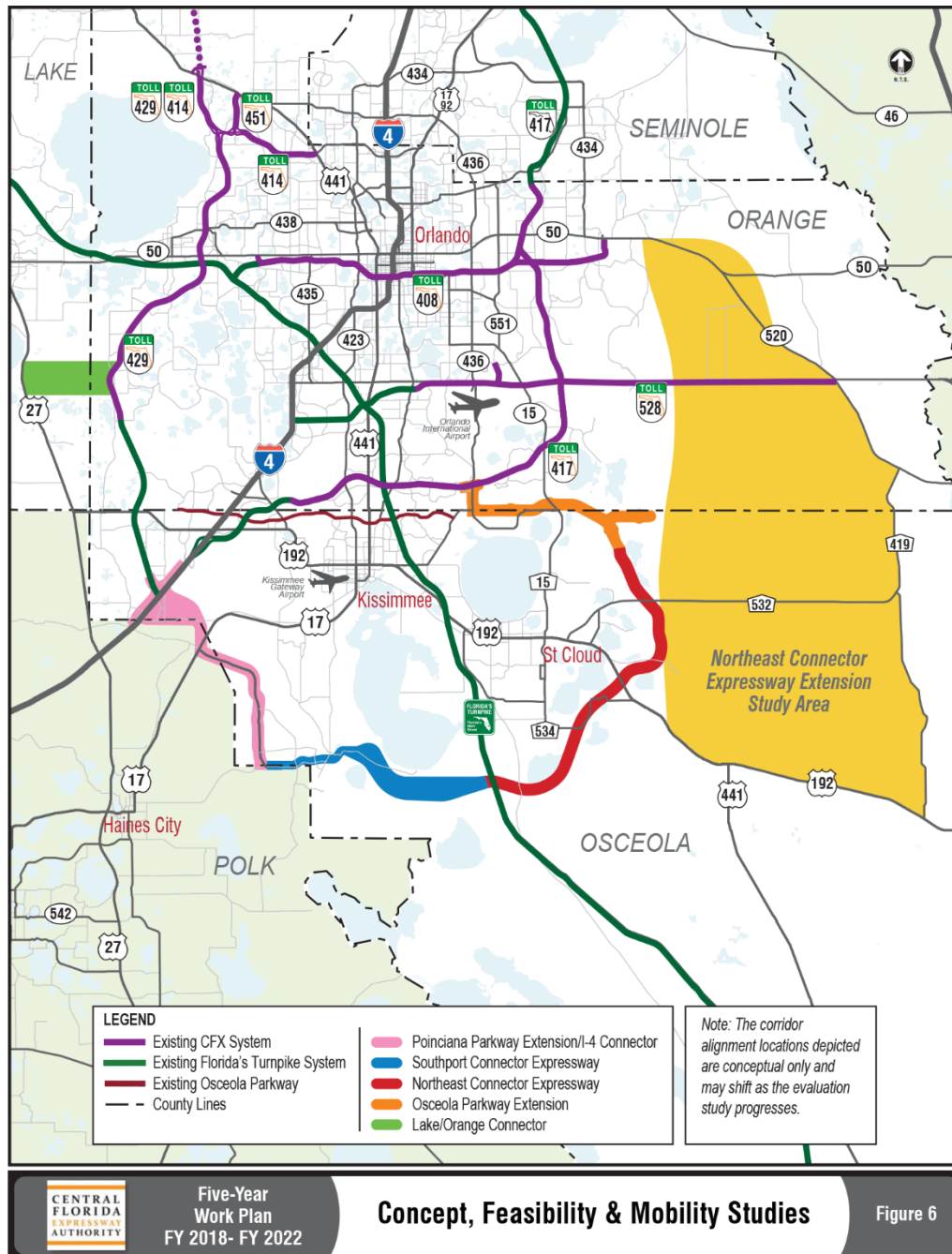
completion of the SR 408 Eastern Extension Project Development and Environment (PD&E) Study and the continued work on Osceola County Expressway Authority (OCX) Master Plan projects. All five sections of CFX’s portion of the Wekiva Parkway are currently under construction and anticipated to be complete during FY 18. Figure 5 shows a map of the Wekiva Parkway sections.

The Concept, Feasibility and Mobility Studies in association with OCX’s Master Plan currently under way are:

- Osceola Parkway Extension Feasibility Study
- Northeast Connector Expressway Study
- Southport Connector Feasibility Study
- Poinciana / I-4 Connector Feasibility Study

Funding for the SR 528 / Northeast District Connector Concept, Feasibility and Mobility Study in Osceola County is included. Figure 6 shows an overall view of the studies currently identified in the work plan. Additional Concept, Feasibility and Mobility Studies for future expansion projects in Osceola, Lake, Orange and Seminole Counties are also included in this category.





1.7.3 Interchange Projects

This category includes 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
- SR 429 New Interchange Studies

The SR 408 / SR 417 Interchange Phase I and SR 528/Innovation Way Interchange are currently under construction with SR 408 / SR 417 Interchange Phase II currently under procurement. 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 429 New Interchange concept study is also included.

1.7.4 Facilities Projects

Facilities projects include mainline plaza modifications, new ramp plazas and systemwide toll plaza projects. Funding has been allocated for generator, air conditioner, roof and UPS replacements and upgrades, as well as improvements at the CFX Headquarters. Concepts are underway for the Eastside and Westside District Facilities.

1.7.5 Transportation Technology Projects

The prior Technology Projects category has been separated into two new categories: Transportation Technology and Information Technology. The Transportation Technology Projects category includes projects related to field devices, the ITS server environment, traffic monitoring systems, traffic safety enhancements and security improvements. Projects include:

- Regional ITS Partnership Projects
- ITS Network Upgrade Phase II
- Wrong-Way Driving Countermeasures
- Supplemental Data Collection Sensor (DCS) and Closed Circuit Television (CCTV) Deployment
- Wekiva Parkway CCTV Deployment

- Implementation of the Advanced Expressway Operations Performance Measures
- Geolocation of Field Utilities
- Three-Line DMS Upgrade Program
- Field Ethernet Switch Replacement
- SunGuide Virtual Server Environment Upgrade
- Interchange Traffic Safety Improvements Pilot
- Security Cameras - Plazas, Ramps and Service Centers

1.7.6 Information Technology Projects

The Information Technology Projects category includes projects related to field devices, system automation software and electronic toll operating systems. The Toll Collection System Upgrade project is currently underway with funding allocated throughout the five years. Other projects include:

- IT Software - Hardware Replacements & Upgrades
- E-PASS Back Office Update
- Financial / Accounting Software Replacement
- E-PASS Service Center Relocations and Buildout
- Reload Lane Expansion Program
- E-PASS Parking Initiatives
- Third-Party Toll Technology Product and Services Testing
- eCommerce Mobile Application

1.7.7 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.

1.7.8 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, depicted in Figure 7, is included in the Work Plan:

- SR 408 from West SR 50 to I-4 (2 Projects)
- SR 408 from East of I-4 to SR 417 (3 Projects)
- SR 408 from Woodbury Road to East SR 50
- SR 414 from SR 429 to US 441 (2 Projects)
- SR 417 from SR 528 to Curry Ford Road
- SR 417 from SR 408 to SR 50
- SR 429 from Seidel Road to CR 535
- SR 429 from CR 437A to SR 451 / US 414 Interchange
- SR 451 from CR 437A to US 441
- SR 528 from SR 417 to SR 520 (3 Projects)

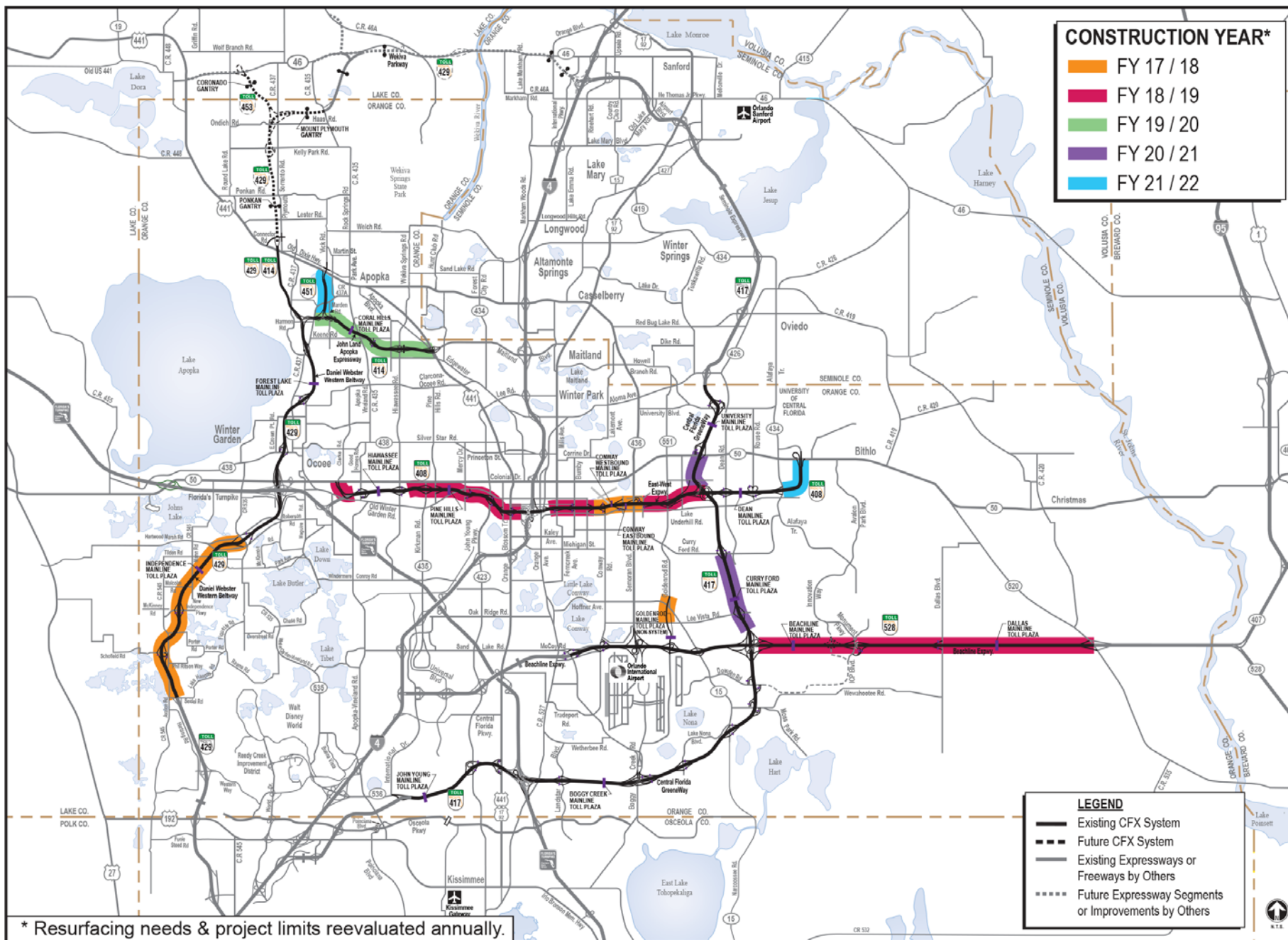
This category also includes drainage improvements, coatings, bridge and fence projects, as well as retro-reflective pavement markers (RPM) replacement. Signing upgrades and improvements, trailblazer replacements and traffic management CCTV upgrades are also funded.

1.7.9 Landscape Projects

This category includes funds for systemwide discretionary landscape projects.

1.7.10 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 Road to Narcoossee Road has been completed and the Work Plan includes funds for construction.



Five-Year
Work Plan
FY 2018- FY 2022

Resurfacing Projects Map

Figure 7



Section 2 Category Summary

Central Florida Expressway Authority
Five-Year Work Plan
Category Summary

Category	Project Cost (thousand \$)							
	Fiscal Year							Total
	17/18		18/19		19/20	20/21	21/22	
	E	U	E	U	U	U	U	
Existing System Improvements	26,918	61,190	3,293	108,280	195,550	187,902	171,941	755,074
System Expansion Projects	70,723	57,023	0	12,821	7,374	5,666	2,304	155,911
Interchange Projects	102,900	40,671	75,964	42,353	94,182	9,927	6,818	372,815
Facilities Projects	325	3,053	0	6,304	1,330	1,059	1,054	13,125
Transportation Technology Projects	0	5,811	0	16,121	5,228	4,183	3,909	35,252
Information Technology Projects	30,757	14,407	17,668	7,959	7,383	538	0	78,712
Signing and Pavement Markings	1,708	812	0	1,981	1,969	1,394	180	8,044
Renewal and Replacement Projects	5,152	26,698	0	96,118	34,880	40,463	23,574	226,885
Landscape Projects	0	810	0	805	1,435	810	805	4,665
SUB TOTALS	238,483	210,475	96,925	292,742	349,331	251,942	210,585	
TOTALS		448,958		389,667	349,331	251,942	210,585	1,650,484
Non-System Project (Goldenrod Road)	715	0	0	690	0	0	0	1,405
GRAND TOTALS		449,673		390,357	349,331	251,942	210,585	1,651,889

* Construction costs escalated at 2.7% for FY 2018, 2.8% for FY 2019, 2.6% for FY 2020, 2.5% for FY 2021 and 2.7% for FY 2022. 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

■ = Updated per Addendum No. 1

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	17/18		18/19		19/20			20/21	21/22
							E	U	E	U	U			U	U
27	417-134	SR 417 Widening from Econ Trail to County Line	Econlockhatchee Trail	County Line	2.3	Add Lanes, Mill & Resurface	0	7,080	0	25,770	0	0	0	SP	Design & Construction
28	417-1410	SR 417 Widening from International Drive to John Young Parkway	International Drive	John Young Parkway	3.6	Add Lanes, Mill & Resurface	0	4,559	0	13,357	47,309	12,285	0	SP	Design & Construction
29	417-1420	SR 417 Widening from John Young Parkway to Landstar Boulevard	John Young Parkway	Landstar Boulevard	3.8	Add Lanes, Mill & Resurface	0	2,702	0	2,712	42,061	21,031	0	SP	Design & Construction
30	-	SR 417 Widening from Landstar Boulevard to Boggy Creek Road	Landstar Boulevard	Boggy Creek Road	2.6	Add Lanes, Mill & Resurface	0	0	0	4,235	16,491	32,962	0	SP	Design & Construction
31	-	SR 417 Widening from Narcoossee Road to SR 528	Narcoossee Road	SR 528	3.9	Add Lanes, Mill & Resurface	0	0	0	0	5,618	21,860	43,699	SP	Design & Construction
32	-	SR 417 Widening from Boggy Creek Road to Narcoossee Road	Boggy Creek Road	Narcoossee Road	5.3	Add Lanes, Mill & Resurface	0	0	0	0	0	0	7,825	SP	Design
33	599-126	SR 417 / SR 528 Ramp Improvements	-	-	-	Ramp Improvements	5	7,014	0	3,504	0	0	0	SP	Bidding & Construction
34	417-133	SR 417 / Curry Ford Road Southbound On Ramp Improvements	-	-	-	On Ramp Improvements	302	0	0	0	0	0	0	SP	Construction
35	-	SR 417 Widening - Curry Ford to Lake Underhill Road Landscaping	Curry Ford Road	Lake Underhill Road	1.6	Landscaping	0	0	0	0	19	308	20	SP	Design, Installation & Partial Maintenance
36	417-253G	SR 417 / SR 408 Interchange Landscaping	-	-	-	Interchange Landscaping	0	0	0	0	0	0	81	SP	Design & Bidding
37	-	SR 417 / Florida's Turnpike Interchange Landscaping	-	-	-	Interchange Landscaping	0	0	0	0	59	775	20	SP	Design, Installation & Partial Maintenance
38	-	SR 429 / Florida's Turnpike Interchange	-	-	-	Add Lanes, Mill & Resurface	0	113	0	411	1,246	1,246	28,817	SP	IMR, Design & Construction
39	-	SR 429 Widening from Florida's Turnpike to West Road	Florida's Turnpike / SR 50	West Road	4.2	Add Lanes, Mill & Resurface	0	0	0	5,681	22,119	44,218	0	SP	Design & Construction
40	-	SR 429 Widening from West Road to CR 437A	West Road	CR 437A	2.5	Add Lanes, Mill & Resurface	0	0	0	0	3,286	12,790	26,040	SP	Design & Construction
Encumbered Total							307		0						
Unencumbered Total								21,468		55,669	138,208	147,475	106,502		
SUB-TOTALS (Page 1)							21,775		55,669		138,208	147,475	106,502		

* Construction costs escalated at 2.7% for FY 2018, 2.8% for FY 2019, 2.6% for FY 2020, 2.5% for FY 2021 and 2.7% for FY 2022. 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

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	17/18		18/19		19/20			20/21	21/22
							E	U	E	U	U			U	U
41	-	SR 429 Widening from CR 535 to Florida's Turnpike	CR 535	Florida's Turnpike	3.1	Add Lanes, Mill & Resurface	0	0	0	0	4,452	17,325	34,630	SP	Design & Construction
42	429-654D	SR 429 / CR 535 Northbound On Ramp Improvements	-	-	-	On Ramp Improvements	0	3,057	0	1,524	0	0	0	SP	Bidding & Construction
43	408-127	SR 408 Widening from Good Homes to East of Hiawassee	Good Homes Road	East of Hiawassee Road	1.8	Add Lanes, Mill & Resurface	13,440	0	0	0	0	0	0	SP	Construction
44	408-128	SR 408 Widening from SR 417 to Alafaya Trail	SR 417	Alafaya Trail	4.1	Add Lanes, Mill & Resurface	0	33,207	0	44,269	11,067	0	0	SP	Bidding & Construction
45	528-1430	SR 528 Widening - SR 436 to Goldenrod Rd.	SR 436	Goldenrod Road	1.4	Ramps, Add Lanes, Mill & Resurface	0	2,549	0	2,560	39,680	19,840	0	SP	Design & Construction
46	-	SR 528 Widening from Narcoossee Road to SR 417	Narcoossee Road	SR 417	1.9	Add Lanes, Mill & Resurface	0	0	0	0	901	1,830	29,883	SP	Design & Construction
47	528-131	SR 528 Econ River Bridge	-	-	-	Bridge Replacement & Widening	13,171	0	3,293	0	0	0	0	SP	Construction
48	-	SR 528 Airport Frontage Landscaping	Boggy Creek Road	SR 436	2.1	Landscaping	0	0	0	0	0	256	20	SP	Design, Installation & Partial Maintenance
49	-	Systemwide Safety and Operational Improvement Projects	-	-	-	Minor Roadway Projects	0	274	0	249	316	301	176	SP	Design & Construction
50	-	Systemwide Guardrail Upgrade	-	-	-	Guardrail Improvements	0	20	0	155	155	150	90	SP	Design & Construction
51	-	Systemwide Drainage Improvements	-	-	-	Drainage Improvements	0	20	0	155	155	150	90	SP	Design & Construction
52	599-1370	Systemwide Lighting & LED Upgrades	-	-	-	Lighting Rehabilitation	0	90	0	90	155	155	150	SP	Design & Construction
53	-	Multimodal/Intermodal Opportunity Study	-	-	-	Multimodal/Intermodal Study	0	300	0	300	300	300	300	SP	Multimodal/Intermodal Study
54	-	Safety Campaign	-	-	-	Safety Project	0	195	0	170	160	120	100	SP	Communications
55	-	SR 528 Fencing	Narcoossee Road	East of SR 520	18.0	Fencing	0	10	0	3,139	0	0	0	SP	Design & Construction
Encumbered Total							26,611		3,293						
Unencumbered Total								39,722		52,611	57,342	40,427	65,439		
SUB-TOTALS (Page 2)							66,333		55,904		57,342	40,427	65,439		
TOTALS							88,108		111,573		195,550	187,902	171,941		

* Construction costs escalated at 2.7% for FY 2018, 2.8% for FY 2019, 2.6% for FY 2020, 2.5% for FY 2021 and 2.7% for FY 2022. 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 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	17/18		18/19		19/20	20/21			21/22
							E	U	E	U	U	U			U
56	408-254	SR 408 Eastern Extension PD&E	Challenger Parkway	SR 520	7.3	New Expressway	1,000	0	0	0	1,675	1,664	0	SP	PD&E & 15% Line & Grade
57	528-215	SR 528 / Northeast District Connector Study	Northeast District	SR 528	8.0	New Expressway	0	995	0	990	0	0	0	SP	Concept, Feasibility & Mobility Study
58	599-2210	Osceola Parkway Extension Feasibility Study	Northeast Connector	SR 417	-	New Expressway	0	1,125	0	0	0	0	0	SP	Concept, Feasibility & Mobility Study
59	599-2220	Northeast Connector Expressway Study	Turnpike	Osceola Parkway Extension	-	New Expressway	0	1,125	0	0	0	0	0	SP	Concept, Feasibility & Mobility Study
60	599-2230	Southport Connector Feasibility Study	Poinciana Parkway	Turnpike	-	New Expressway	0	938	0	0	0	0	0	SP	Concept, Feasibility & Mobility Study
61	599-2240	Poinciana / I-4 Connector Feasibility Study	I-4	Poinciana Parkway	-	New Expressway	0	1,125	0	0	0	0	0	SP	Concept, Feasibility & Mobility Study
62	-	SR 414 Direct Connection Study	US 441	SR 434	-	New Expressway	0	150	0	0	0	0	0	SP	Concept Study
63	-	Lake / Orange Connector Feasibility Study	US 27	SR 429	-	New Expressway	0	0	0	285	825	0	0	SP	Concept, Feasibility & Mobility Study
64	-	Expansion PD&E Project (1)	-	-	-	New Expressway	0	0	0	1,057	1,046	1,113	1,102	SP	PD&E & 15% Line & Grade
65	-	Expansion PD&E (2)	-	-	-	New Expressway	0	0	0	0	1,085	1,074	1,142	SP	PD&E & 15% Line & Grade
66	429-200F	SR 429 / SR 414 Interchange Landscape	-	-	-	Landscaping	5	0	0	0	0	0	0	SP	Maintenance
67	429-200G	SR 429 / SR 414 Interchange Landscape Phase II	-	-	-	Landscaping	0	825	0	20	5	0	0	SP	Installation & Maintenance
Encumbered Total							1,005		0						
Unencumbered Total								6,283		2,352	4,636	3,851	2,244		
SUB-TOTALS (Page 1)							7,288		2,352		4,636	3,851	2,244		

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E = Encumbered costs from projects under contracts from previous fiscal year
U = Unencumbered costs

Central Florida Expressway Authority
Five-Year Work Plan
System Expansion 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	17/18		18/19		19/20	20/21			21/22
							E	U	E	U	U	U			U
68	429-202	Wekiva Parkway Section 1A	US-441 Interchange	North of Ponkan Road	2.3	New Expressway	2,100	0	0	0	0	0	0	SP / CF	Construction
69	429-203	Wekiva Parkway Section 1B	North of Ponkan Road	North of Kelly Park Road	2.3	New Expressway	2,625	0	0	0	0	0	0	SP / CF	Construction
70	429-205	Wekiva Parkway Section 2A	East of CR 437	East of Mt. Plymouth Road	2.0	New Expressway	21,255	0	0	0	0	0	0	SP / CF	Construction
71	429-204	Wekiva Parkway Section 2B	North of Kelly Park Road	East of CR 437 & North to Lake Co. Line	2.0	New Expressway	26,008	0	0	0	0	0	0	SP / CF	Construction
72	429-206	Wekiva Parkway Section 2C	Lake Co. Line	SR 46 East of Round Lake Road	1.3	New Expressway	17,730	0	0	0	0	0	0	SP / CF	Construction
73	429-8240	Wekiva Parkway (202 & 203) Landscape	US 441	Kelly Park Road	-	Landscaping	0	2,451	0	60	60	0	0	SP	Installation & Maintenance
74	-	Wekiva Parkway (206) Landscape	Coronado Somerset Dr.	SR 46	-	Landscaping	0	527	0	495	20	5	0	SP	Design, Installation & Maintenance
75	-	Wekiva Parkway (204) Landscape	SR 453	SR 429	-	Landscaping	0	80	0	983	20	15	0	SP	Design, Installation & Maintenance
76	-	Wekiva Parkway (205) Landscape	Utility Viaduct	Mt. Plymouth Road	-	Landscaping	0	26	0	316	295	20	5	SP	Design, Installation & Maintenance
77	-	Wekiva Parkway (203) Kelly Park Rd. Interchange Landscape	Kelly Park Rd. Interchange	-	-	Landscaping	0	0	0	76	973	20	15	SP	Design, Installation & Maintenance
78	-	Wekiva Parkway (206) Buffer Landscape	North of 429/453 Interchange	Coronado Somerset Dr.	-	Landscaping	0	0	0	42	627	589	20	SP	Design, Installation & Partial Maintenance
79	-	Wekiva Parkway (205) Buffer Landscape	Pond 1	Utility Corridor	-	Landscaping	0	0	0	0	95	1,166	20	SP	Design, Installation & Partial Maintenance
80	429-051	SR 429 - Wekiva Parkway (Right-of-Way)	US 441	East of Mt Plymouth Rd and NW to SR 46	-	New Expressway	0	47,656	0	8,497	648	0	0	SP / CF	Right-of-Way
Encumbered Total							69,718		0						
Unencumbered Total								50,740		10,469	2,738	1,815	60		
SUB-TOTALS (Page 2)							120,458		10,469	2,738	1,815	60			
TOTALS							127,746		12,821	7,374	5,666	2,304			

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E = Encumbered costs from projects under contracts from previous fiscal year
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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	17/18		18/19		19/20	20/21			21/22
							E	U	E	U	U	U			U
81	408-253G	SR 408/SR 417 Interchange (Phase II) Design-Build	SR 408/SR 417	Lake Underhill Road	-	Ramps, Mill & Resurface	0	39,760	0	39,760	0	0	0	SP	Construction
82	429-305	SR 429 / Schofield Road Interchange Landscaping	-	-	-	Landscaping	0	0	0	13	433	20	20	SP	Design, Installation & Maintenance
83	417-301C	SR 417 / Boggy Creek Road Interchange (Phase III) Landscaping	-	-	-	Landscaping	0	58	0	854	20	15	0	SP	Design, Installation & Maintenance
84	528-313	SR 528 / Innovation Way Interchange	Innovation Way	Aerospace Parkway	-	New Interchange	26,936	0	0	0	0	0	0	SP	Design-Build
85	408-312	SR 408 at I-4 Ultimate	-	-	-	Interchange Reconstruction	75,964	0	75,964	0	80,968	0	0	SP	Contribution & Corridor Consultant
86	-	SR 429 New Interchange Studies	-	-	-	Interchange Studies & Design	0	160	0	1,033	0	6,195	6,184	SP	Concept Study, Design & Construction
87	-	SR 528 / Innovation Way Landscaping	-	-	-	Landscaping	0	0	0	0	0	49	614	SP	Design, Installation & Partial Maintenance
87A	-	SR 408 - Rio Grande Ave. Interchange	Tampa Avenue	US 441	-	Interchange Reconstruction	0	693	0	693	12,761	3,648	0	SP	Design & Construction
Encumbered Total							102,900		75,964						
Unencumbered Total								40,671		42,353	94,182	9,927	6,818		
TOTALS							143,571		118,317		94,182	9,927	6,818		

* Construction costs escalated at 2.7% for FY 2018, 2.8% for FY 2019, 2.6% for FY 2020, 2.5% for FY 2021 and 2.7% for FY 2022. 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

■ = Updated per Addendum No. 1

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	17/18		18/19		19/20	20/21			21/22	
							E	U	E	U	U	U			U	
88	-	Systemwide Toll Plaza Projects	-	-	-	Toll Plaza Projects	0	100	0	100	100	100	100	SP	Design & Construction	
89	599-735	Generator Replacement (SR 417 and SR 408)	-	-	-	Generator Replacement	315	391	0	0	0	0	0	SP	Construction	
90	-	Systemwide Generator Replacement (SR 417 / 408 / 429)	-	-	-	Generator Replacement	0	36	0	2,140	0	0	0	SP	Design & Construction	
91	-	Systemwide Generator Replacement (SR 429)	-	-	-	Generator Replacement	0	15	0	322	296	0	0	SP	Design & Construction	
92	-	Systemwide Generator Replacements and Upgrades	-	-	-	Generator Replacements	0	0	0	0	8	186	189	SP	Design & Construction	
93	599-732a	SR 408 and SR 429 Toll Plaza Air Conditioner Replacements	-	-	-	Air Conditioner Replacements	10	297	0	297	0	0	0	SP	Design & Construction	
94	-	Systemwide Air Conditioner Unit Replacement 408 / 429 / 414	-	-	-	Air Conditioner Replacements	0	18	0	127	197	0	0	SP	Design & Construction	
95	599-7320	Systemwide Air Conditioner Replacements and Upgrades	-	-	-	Air Conditioner Replacements	0	0	0	9	64	108	100	SP	Design & Construction	
96	417-744	Roof Replacements for Toll Plazas on SR 417	-	-	-	Roof Replacements	0	467	0	0	0	0	0	SP	Design & Construction	
97	-	SR 408 Ramp Plazas Roof Replacements	-	-	-	Roof Replacements	0	260	0	230	0	0	0	SP	Design & Construction	
98	-	Systemwide Roof Replacements	-	-	-	Roof Replacements	0	0	0	240	240	240	240	SP	Design & Construction	
99	-	Systemwide Uninterrupted Power Supply (UPS) Replacements	-	-	-	UPS Replacements	0	110	0	110	110	110	110	SP	Installation	
100	599-4130	CFX Headquarters 1st & 3rd floor renovations	-	-	-	Building Modification	0	856	0	0	0	0	0	SP	Bidding & Construction	
101	-	Miscellaneous CFX Headquarters Improvements	-	-	-	Miscellaneous Projects	0	0	0	315	315	315	315	SP	Design & Construction	
102	-	Westside District Facility	-	-	-	District Facility	0	116	0	1,762	0	0	0	SP	Design & Construction	
103	-	McCoy Road Eastside District Facility	-	-	-	District Facility	0	387	0	652	0	0	0	SP	Design & Construction	
Encumbered Total							325		0							
Unencumbered Total								3,053		6,304	1,330	1,059	1,054			
TOTALS							3,378		6,304	1,330	1,059	1,054				

* Construction costs escalated at 2.7% for FY 2018, 2.8% for FY 2019, 2.6% for FY 2020, 2.5% for FY 2021 and 2.7% for FY 2022. In general, all other costs escalated at an average of 2.6% per year.

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U = Unencumbered costs

Central Florida Expressway Authority
Five-Year Work Plan
Transportation 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	17/18		18/19		19/20			20/21	21/22
							E	U	E	U	U			U	U
104	-	Fiber Optic Network (FON) Utility Adjustments	-	-	-	Utility Adjustments	0	100	0	50	50	50	50	SP	Utility Adjustments
105	599-536	Regional ITS Partnership Projects	-	-	-	Regional ITS Partnership Projects	0	180	0	180	180	0	0	SP	Partnership Contributions
106	599-524	ITS Network Upgrade Phase II	-	-	-	Re-splice Network Physical Architecture	0	155	0	1,869	0	0	0	SP	Design & Installation
107	-	Wekiva Parkway CCTV Deployment Sections 2A, 2B & 2C	-	-	-	CCTV Cameras	0	316	0	979	969	0	0	SP	Design & Installation
108	-	Advanced Expressway Operations Performance Measures	-	-	-	Enhancements to ITS Data Analysis Systems	0	0	0	1,345	0	0	0	SP	Implementation
109	599-537	Supplemental DCS and CCTV Deployment	-	-	-	Deploy DCS and CCTV Cameras	0	1,970	0	5,208	0	0	0	SP	Design & Installation
110	599-526	Wrong-Way Driving Countermeasures	-	-	-	Wrong-Way Driving Countermeasures	0	1,717	0	1,724	0	0	0	SP	Design & Installation
111	-	Transportation Technology Master Plan	-	-	-	Connected Vehicle Pilot Concept	0	200	0	0	0	0	0	SP	Concept
112	599-538	Geolocation of Field Utilities	-	-	-	Geolocation	0	135	0	0	0	0	0	SP	Implementation
113	-	Three-Line DMS Upgrade Program	-	-	-	New Full-Color DMS roadway signs	0	343	0	3,766	3,868	3,968	3,689	SP	Design & Construction
114	-	Field Ethernet Switch Replacement	-	-	-	IT Network switches	0	153	0	157	161	165	170	SP	Implementation
115	-	Sunguide Virtual Server Environment Upgrade	-	-	-	New Server	0	500	0	0	0	0	0	SP	Installation
116	-	Interchange Traffic Safety Improvements Pilot	-	-	-	Warning devices at interchange ramps	0	42	0	323	0	0	0	SP	Design & Construction
117	-	Security Cameras - Plazas, Ramps, and Service Centers	-	-	-	Security Cameras	0	0	0	520	0	0	0	SP	Design & Construction
Encumbered Total							0		0						
Unencumbered Total								5,811		16,121	5,228	4,183	3,909		
TOTALS							5,811		16,121		5,228	4,183	3,909		

* Construction costs escalated at 2.7% for FY 2018, 2.8% for FY 2019, 2.6% for FY 2020, 2.5% for FY 2021 and 2.7% for FY 2022. In general, all other costs escalated at an average of 2.6% per year.
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U = Unencumbered costs

Central Florida Expressway Authority
Five-Year Work Plan
Information 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	17/18		18/19		19/20			20/21	21/22
							E	U	E	U	U			U	U
118	599-902	Toll Collection System Upgrade	-	-	-	Hardware & Software	30,757	0	17,668	0	3,569	0	0	SP	Implementation, Testing, & Maintenance
119	599-5330	IT Software - Hardware Replacements & Upgrades	-	-	-	Hardware & Software	0	1,240	0	0	0	0	0	SP	Design & Implementation
120	599-5320	E-PASS Back Office Update	-	-	-	Hardware & Software	0	9,202	0	6,958	3,482	0	0	SP	Design & Implementation
121	-	Financial / Accounting Software Replacement	-	-	-	Software	0	595	0	82	0	0	0	SP	Design
122	-	E-PASS Service Center Relocations and Buildout	-	-	-	Building Modification	0	189	0	159	32	338	0	SP	Design & Construction
123	-	Reload Lane Expansion Program	-	-	-	Striping and Signage	0	171	0	0	0	0	0	SP	Design & Construction
124	-	E-PASS Parking Initiatives	-	-	-	E-PASS at offsite garages	0	2,026	0	0	0	0	0	SP	Design & Implementation
125	-	Third-Party Toll Technology Product and Services Testing	-	-	-	Software Testing	0	200	0	300	300	200	0	SP	Support Services
126	599-5310	eCommerce Mobile Application	-	-	-	Software	0	784	0	460	0	0	0	SP	Design & Implementation
Encumbered Total							30,757		17,668						
Unencumbered Total								14,407		7,959	7,383	538	0		
TOTALS							45,164		25,627		7,383	538	0		

* Construction costs escalated at 2.7% for FY 2018, 2.8% for FY 2019, 2.6% for FY 2020, 2.5% for FY 2021 and 2.7% for FY 2022. In general, all other costs escalated at an average of 2.6% per year.

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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	17/18		18/19		19/20			20/21	21/22
							E	U	E	U	U			U	U
127	599-626	Central Florida Expressway Authority Logo Replacement	-	-	-	Signing	1,708	0	0	0	0	0	0	SP	Bidding & Construction
128	428-6280	SR 408 Guide Sign Replacement	-	-	-	Signing	0	645	0	1,150	0	0	0	SP	Design & Construction
129	-	SR 417 Guide Sign Replacement	-	-	-	Signing	0	62	0	663	1,183	0	0	SP	Design & Construction
130	-	SR 414 Guide Sign Replacement	-	-	-	Signing	0	0	0	63	681	1,214	0	SP	Design & Construction
131	-	Systemwide Miscellaneous Signing and Pavement Markings	-	-	-	Signing & Pavement Markings	0	105	0	105	105	180	180	SP	Design & Construction
Encumbered Total							1,708		0						
Unencumbered Total								812		1,981	1,969	1,394	180		
TOTALS							2,520		1,981	1,969	1,394	180			

* Construction costs escalated at 2.7% for FY 2018, 2.8% for FY 2019, 2.6% for FY 2020, 2.5% for FY 2021 and 2.7% for FY 2022. In general, all other costs escalated at an average of 2.6% per year.
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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	17/18		18/19		19/20			20/21	21/22	
							E	U	E	U	U			U	U	
132	-	SR 417 Resurfacing	SR 528	Curry Ford Rd.	4.2	Mill & Resurface	0	0	0	0	999	12,791	6,390	RR	Design & Construction	
133	-	SR 417 Resurfacing	SR 408	SR 50	1.6	Mill & Resurface	0	0	0	0	454	8,609	0	RR	Design & Construction	
134	429-739	SR 429 Resurfacing	Seidel Road	CR 535	8.4	Mill & Resurface	5,152	0	0	0	0	0	0	RR	Construction	
135	-	SR 429 Resurfacing	CR 437A	SR 451 / US 441 Interchange	2.0	Mill & Resurface	0	0	0	0	0	0	339	RR	Design	
136	-	SR 451 Resurfacing	North of CR 437A Ramps	US 441	1.7	Mill & Resurface	0	0	0	0	0	264	5,090	RR	Design & Construction	
137	-	SR 414 Resurfacing	SR 429	West of Keene Rd.	3.8	Mill & Resurface	0	0	0	910	11,668	5,829	0	RR	Design & Construction	
138	-	SR 414 Resurfacing	West of Keene Rd.	US 441 (East)	3.1	Mill & Resurface	0	0	0	628	8,050	4,020	0	RR	Design & Construction	
139	408-742	SR 408 Resurfacing	West SR 50	Ortman/Mercy Dr.	3.9	Mill & Resurface	0	4,774	0	12,942	0	0	0	RR	Partial Design & Construction	
140	408-742	SR 408 Resurfacing	Ortman/Mercy Dr.	I-4	3.2	Mill & Resurface	0	4,145	0	7,670	0	0	0	RR	Partial Design & Construction	
141	-	SR 408 Resurfacing	East of I-4	Lake Underhill Bridge	1.8	Mill & Resurface	0	584	0	11,005	0	0	0	RR	Design & Construction	
142	408-739	SR 408 Resurfacing	Lake Underhill Bridge	Yucatan Drive	1.8	Mill & Resurface	0	7,247	0	3,619	0	0	0	RR	Bidding & Construction	
143	-	SR 408 Resurfacing	Yucatan Drive	SR 417	2.6	Mill & Resurface	0	734	0	9,407	4,698	0	0	RR	Design & Construction	
144	-	SR 408 Resurfacing	East of Woodbury Rd.	North of SR 50 (East)	1.3	Mill & Resurface	0	0	0	0	235	4,420	0	RR	Design & Construction	
145	-	SR 528 Resurfacing	SR 417	Innovation Way / SR 417 Dowden Road	5.8	Mill & Resurface	0	1,037	0	19,693	0	0	0	RR	Design & Construction	
146	-	SR 528 Resurfacing	Innovation Way	East of Dallas Blvd.	6.7	Mill & Resurface	0	520	0	9,994	0	0	0	RR	Design & Construction	
Encumbered Total							5,152		0							
Unencumbered Total								19,041		75,868	25,869	31,748	16,239			
SUB-TOTALS (Page 1)							24,193		75,868	25,869	31,748	16,239				

* Construction costs escalated at 2.7% for FY 2018, 2.8% for FY 2019, 2.6% for FY 2020, 2.5% for FY 2021 and 2.7% for FY 2022. 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	17/18		18/19		19/20			20/21	21/22
							E	U	E	U	U			U	U
147	-	SR 528 Resurfacing	East of Dallas Blvd.	SR 520	7.6	Mill & Resurface	0	918	0	11,756	5,873	0	0	RR	Design & Construction
148	-	Miscellaneous Resurfacing Projects	-	-	-	Mill & Resurface	0	25	0	290	290	290	290	RR	Design & Construction
149	-	Miscellaneous Drainage and Stormwater Projects	-	-	-	Drainage and Stormwater	0	60	0	310	310	310	310	RR	Design & Construction
150	-	Systemwide Bridge Projects	-	-	-	Misc. Structural Projects	0	52	0	429	429	392	243	RR	Design & Construction
151	599-734	Systemwide Coatings SR 408	Good Homes Road	I-4	18.3	Painting & Inspections	0	5,219	0	0	0	0	0	RR	Design & Construction
152	599-734	Systemwide Coatings	-	-	-	Painting & Inspections	0	150	0	4,490	160	4,630	4,490	RR	Design & Construction
153	599-7370	Systemwide Fence Projects	-	-	-	Fencing Replacement	0	275	0	275	275	275	275	RR	Construction
154	-	Systemwide Bridge Joint & Approach Slab Projects	-	-	-	Structural	0	17	0	110	110	110	110	RR	Design & Construction
155	599-7360	Systemwide Reflective Pavement Markers & Thermo Striping	-	-	-	RPM & Striping	0	25	0	135	180	185	140	RR	Design & Construction
156	-	Systemwide Trailblazer Upgrades	-	-	-	Signing	0	620	0	615	1,085	620	645	RR	Design & Construction
157	-	Systemwide Signing Replacement Projects	-	-	-	Signing	0	145	0	1,685	140	1,740	832	RR	Design & Construction
158	599-5280	Traffic Management CCTV Upgrade	-	-	-	Equipment Cameras	0	151	0	155	159	163	0	RR	Implementation
Encumbered Total							0		0						
Unencumbered Total								7,657		20,250	9,011	8,715	7,335		
SUB-TOTALS (Page 2)							7,657		20,250	9,011	8,715	7,335			
TOTALS							31,850		96,118	34,880	40,463	23,574			

* Construction costs escalated at 2.7% for FY 2018, 2.8% for FY 2019, 2.6% for FY 2020, 2.5% for FY 2021 and 2.7% for FY 2022. 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	17/18		18/19		19/20			20/21	21/22
							E	U	E	U	U			U	U
159	-	Systemwide Discretionary Landscape Projects	-	-	-	Landscaping	0	810	0	805	1,435	810	805	SP	Design & Construction
Encumbered Total							0		0						
Unencumbered Total								810		805	1,435	810	805		
TOTALS								810		805	1,435	810	805		

* Construction costs escalated at 2.7% for FY 2018, 2.8% for FY 2019, 2.6% for FY 2020, 2.5% for FY 2021 and 2.7% for FY 2022. 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	17/18		18/19		19/20			20/21	21/22
							E	U	E	U	U			U	U
160	800-903E	Goldenrod Road Resurfacing	Lee Vista	Narcoossee Road	0.9	Mill & Resurface	715	0	0	690	0	0	0	NSP	Construction
						Encumbered Total	715		0						
						Unencumbered Total		0		690	0	0	0		
						TOTALS	715		690	0	0	0			

* Construction costs escalated at 2.7% for FY 2018, 2.8% for FY 2019, 2.6% for FY 2020, 2.5% for FY 2021 and 2.7% for FY 2022. 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



Section 3 Fund Summary

Central Florida Expressway Authority
 Five-Year Work Plan
Fund Summary

Fund	Project Cost (thousands \$) *								Comments
	Fiscal Year							Total	
	17/18		18/19		19/20	20/21	21/22		
	E	U	E	U	U	U	U		
System Projects Fund (SP)	163,613	136,121	96,925	188,127	313,803	211,479	187,011	1,297,080	
Construction Fund BAN (CF)	69,718	47,656	0	8,497	648	0	0	126,519	Wekiva Parkway Sections 1A, 1B and 2B (partial)
Renewal and Replacement (RR)	5,152	26,698	0	96,118	34,880	40,463	23,574	226,885	
Non-System Projects (NSP)	715	0	0	690	0	0	0	1,405	Goldenrod Road
SUB-TOTALS	239,198	210,475	96,925	293,432	349,331	251,942	210,585		
GRAND TOTALS	449,673	449,673	390,357	390,357	349,331	251,942	210,585	1,651,889	

* Construction costs escalated at 2.7% for FY 2018, 2.8% for FY 2019, 2.6% for FY 2020, 2.5% for FY 2021 and 2.7% for FY 2022. 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

■ = Updated per Addendum No. 1



Section 4 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 18 - FY 22 Work Plan)
		Project Phases Funded	2017 Inflated Costs (thousand \$) *	
Existing System (Capacity) Improvements				
	SR 417 : International Drive to Boggy Creek Road (Widen to 6 lanes)	Design & Partial Construction	\$199,704	SR 417 Widening from International Drive to Boggy Creek Road (3 Projects)
	SR 417 : Boggy Creek Road to SR 528 (Widen to 6 lanes)	Design & Construction	\$79,002	SR 417 Widening from Boggy Creek Road to SR 528 (2 projects)
	SR 429 : Seidel Road to CR 535 (Widen to 6 lanes)			
	SR 429 : CR 535 to SR 50 (Widen to 6 lanes)	Design & Construction	\$56,407	SR 429 Widening from CR 535 to Florida's Turnpike
	SR 429 : SR 50 to SR 414 (Widen to 6 lanes)	Design & Construction	\$114,133	SR 429 Widening from Florida's Turnpike to West Road / SR 429 Widening from West Road to CR 437A
	SR 528 : SR 436 to SR 417 (Widen to 8 lanes)	Design & Construction	\$97,244	SR 528 Widening from SR 436 to Goldenrod Road / 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	\$4,339	PD&E underway
	Lake / Orange Connector (Wellness Way) from US 27 to SR 429 (SE Lake / SW Orange Counties)	Concept, Feasibility & Mobility (C,F,&M) Study	\$1,110	
	SR 414 Direct Connect from US 441 to SR 434 (Orange County)	Concept Study	\$150	
	Osceola Parkway Extension from Boggy Creek Road to NE District (Orange / Osceola Counties)	C,F,&M Study	\$1,125	Study underway
	Northeast Connector Expressway from Florida's Turnpike to Osceola Parkway Ext (Osceola County)	C,F,&M Study	\$1,125	Study underway
	Southport Connector Expressway from Poinciana Parkway to Florida's Turnpike (Osceola County)	C,F,&M Study	\$938	Study underway
	Poinciana Parkway from Marigold Avenue to CR 54 / US 17-92 (Osceola County)	C,F,&M Study	\$1,125	A two-lane segment of Poinciana Parkway was constructed from US 17-92 to Cypress Parkway (9.7 miles). The Poinciana / I-4 Connector Study is underway and includes expanding the Poinciana Parkway to four lanes.
	Poinciana / I-4 Connector from Poinciana Parkway to I-4 (Osceola County)			
	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)			Preliminary study being advanced by FDOT
	Task Force Corridor I from US 192 to SR 528 (Orange / Osceola Counties)	C,F,&M Study	\$1,985	
Interchange Projects				
	SR 429 / CR 535 Interchange Improvements	Design & Construction	\$4,581	Minor southbound off ramp improvements completed. Minor northbound on ramp improvements included in Work Plan.
	SR 417 / Narcoossee Road Interchange Improvements			Anticipated completion Summer 2017
	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	\$226,885	Inflated project costs represent entire R&R program (as shown in the FY 18 - FY 22 Work Plan)
No Facilities, Technology, Signing and Pavement Markings, Landscape or Non-System Projects were Identified in the Master Plan.				
TOTALS			\$789,852	

* Construction costs escalated at 2.7% for FY 2018, 2.8% for FY 2019, 2.6% for FY 2020, 2.5% for FY 2021 and 2.7% for FY 2022. In general, all other costs escalated at an average of 2.6% per year.



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Section 5 **Project Information**

Central Florida Expressway Authority
 Five-Year Work Plan
Project Information

Abbreviations

- AVI - Automatic Vehicle Identification
- BAN - Bond Anticipation Notes
- CCTV - Closed Circuit Television
- CEI - Construction, Engineering & Inspection
- CF - Construction Fund BAN
- C,F,&M - Concept, Feasibility, & and Mobility Study
- CFX - Central Florida Expressway Authority
- CR - County Road
- DMS - Dynamic Message Signs
- E - Encumbered Project Costs for projects currently under contract
- EAL - Engineering, Administration and Legal
- FDOT - Florida Department of Transportation
- FY - Fiscal Year (CFX's fiscal year runs from July 1 to June 30)
- IMR - Interchange Modification Report
- ITS - Intelligent Transportation Systems
- LED - Light-emitting diode
- NSP - Non-System Projects
- OCX - Osceola County Expressway Authority
- PD&E - Project Development and Environment Study
- RPM - Retro-Reflective Pavement Markers
- RR - Renewal and Replacement Fund
- SP - System Projects Fund
- SR - State Road
- TRIMS - Toll Revenue Information Management System
- U - Unencumbered Project Costs
- UPS - Uninterrupted Power Supply

Definitions of Terms

Cash Flow Inflated (in thousands \$):

Inflation Rate - Assumed inflation rate of 2.6% for escalation of project costs such as

EAL. Inflation rate of 2.7% was assumed for construction for FY 2018, 2.8% for FY 2019, 2.6% for FY 2020, 2.5% for FY 2021 and 2.7% for FY 2022. This follows FDOT's published inflation factors.

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

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 1.5.3.

Priority - Project priority designation, one through three.

Project Category - The categories of projects listed in Section 1.5.1.

Project Cost (in thousands \$):

Activity - The phase of the project - EAL, mitigation, right-of-way, construction, installation, etc. The fees for design, permitting, bidding, CEI, administration 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.

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

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Design Priority : 1
 Date Originated : 8/26/13
 Last Revision : 2/16/17
 Fund Source : SP
 Length (miles) : 2.3
 From: Econlockhatchee Trail To: County Line

Project Name/Number : SR 417 Widening from Econ Trail to County Line # 417-134
 Route Number : SR 417
 Project Category : Existing System Improvements
 Work Description : Add Lanes, Mill & Resurface
 Design & Construction

Project Schedule :

Activity	2017			2018			2019			2020			2021			2022		
Design																		
Bidding																		
Construction																		
Toll Equipment																		

Project Cost (in thousands \$) :

Activity	Totals \$	2017			2018			2019			2020			2021			2022														
EAL	3,994		624	5	5	672	672	672	672																						
Construction	28,000				5,600	5,600	5,600	5,600	5,600																						
Toll Equipment	-								0																						
TOTAL	31,994	FY 17/18 Total =			6,906			FY 18/19 Total =			25,088			FY 19/20 Total =			-			FY 20/21 Total =			-			FY 21/22 Total =			-		
		Encumbered =			Encumbered =																										

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017			2018			2019			2020			2021			2022														
EAL	4,086		628	5	5	690	690	690	690	-	-	-	-	-	-	-	-	-	-												
Construction	28,764		-	-	-	5,753	5,753	5,753	5,753	-	-	-	-	-	-	-	-	-	-												
Toll Equipment	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
TOTAL	32,850	FY 17/18 Total =			7,080			FY 18/19 Total =			25,770			FY 19/20 Total =			-			FY 20/21 Total =			-			FY 21/22 Total =			-		
		Encumbered =			Encumbered =																										

Remarks: EAL includes design, permitting, bidding, construction engineering & inspection, administration, and post-design services.
 Includes milling and resurfacing of existing lanes through widening limits. Includes noise wall. Toll equipment costs included in the Toll Collection System Upgrade Project.
 Additional costs may be incurred for work on the adjacent Florida's Turnpike Enterprise section of SR 417 (to be reimbursed by Florida's Turnpike Enterprise).
 Estimated total construction cost (2017 \$): \$28 M

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : No Activity
 Date Originated : 3/1/16
 Last Revision : 2/17/17
 Fund Source : SP
 Length (miles) : 3.6
 From: International Drive To: John Young Parkway
 Priority : 1

Project Name/Number : SR 417 Widening from International Drive to John Young Parkway # 417-1410
 Route Number : SR 417
 Project Category : Existing System Improvements
 Work Description : Add Lanes, Mill & Resurface
 Design & Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Bidding																								
Construction																								
Toll Equipment																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	13,210				1,500	1,500	1,500	1,500	5	5	1,200	1,200	1,200	1,200	1,200	1,200									
Construction	60,000										10,000	10,000	10,000	10,000	10,000	10,000									
Toll Equipment	420														420										
TOTAL	73,630					FY 17/18 Total = 4,500				FY 18/19 Total = 12,710				FY 19/20 Total = 44,800				FY 20/21 Total = 11,620				FY 21/22 Total = -			
		Encumbered =				Encumbered =																			

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	13,671				-	1,520	1,520	1,520	1,520	5	5	1,264	1,264	1,264	1,264	1,264	-	-	-	-	-	-	-	-	
Construction	63,381				-	-	-	-	-	-	-	10,563	10,563	10,563	10,563	10,563	-	-	-	-	-	-	-	-	
Toll Equipment	458														458										
TOTAL	77,510					FY 17/18 Total = 4,559				FY 18/19 Total = 13,357				FY 19/20 Total = 47,309				FY 20/21 Total = 12,285				FY 21/22 Total = -			
		Encumbered =				Encumbered =																			

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

Estimate includes noise walls.

Estimated total construction cost (2017 \$): \$60 M

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : No Activity
 Date Originated : 3/1/16
 Last Revision : 2/17/17
 Fund Source : SP
 Length (miles) : 3.8
 From: John Young Parkway To: Landstar Boulevard
 Priority : 1

Project Name/Number : SR 417 Widening from John Young Parkway to Landstar Boulevard # 417-1420
 Route Number : SR 417
 Project Category : Existing System Improvements
 Work Description : Add Lanes, Mill & Resurface
 Design & Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	11,670					1,325	1,325	1,325	1,325	5	5	1,060	1,060	1,060	1,060	1,060	1,060																								
Construction	53,000											8,833	8,833	8,833	8,833	8,833	8,833																								
TOTAL	64,670																																								
		FY 17/18 Total =				2,650				FY 18/19 Total =				2,660				FY 19/20 Total =				39,573				FY 20/21 Total =				19,787				FY 21/22 Total =				-			
		Encumbered =								Encumbered =																															

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	12,156			-	-	1,351	1,351	1,351	1,351	5	5	1,124	1,124	1,124	1,124	1,124	1,124	-	-	-	-	-	-	-	-																
Construction	56,350			-	-	-	-	-	-	-	-	9,392	9,392	9,392	9,392	9,392	9,392	-	-	-	-	-	-	-	-																
TOTAL	68,506																																								
		FY 17/18 Total =				2,702				FY 18/19 Total =				2,712				FY 19/20 Total =				42,061				FY 20/21 Total =				21,031				FY 21/22 Total =				-			
		Encumbered =								Encumbered =																															

Remarks: EAL includes design, permitting, bidding, construction engineering & inspection, administration, and post-design services.
 Estimate includes noise walls.
 Estimated total construction cost (2017 \$): \$53 M

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : No Activity
 Date Originated : 2/14/17
 Last Revision : 2/17/17
 Fund Source : SP
 Length (miles) : 2.6
 From: Landstar Boulevard To: Boggy Creek Road
 Priority : 1

Project Name/Number : SR 417 Widening from Landstar Boulevard to Boggy Creek Road # -
 Route Number : SR 417
 Project Category : Existing System Improvements
 Work Description : Add Lanes, Mill & Resurface
 Design & Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	9,030																								
Construction	41,000																								
TOTAL	50,030																								
		FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		-				4,100				15,317				30,613				-							
		Encumbered =				Encumbered =																			

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	9,528																								
Construction	44,160																								
TOTAL	53,688																								
		FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		-				4,235				16,491				32,962				-							
		Encumbered =				Encumbered =																			

Remarks: EAL includes design, permitting, bidding, construction engineering & inspection, administration, and post-design services.
 Estimate includes noise walls. Boggy Creek Mainline Toll Plaza equipment cost included in Toll Collection System Upgrade Project.
 Estimated total construction cost (2017 \$): \$41 M

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : No Activity
 Date Originated : 2/14/17
 Last Revision : 2/16/17
 Fund Source : SP
 Length (miles) : 3.9
 From: Narcoossee Road To: SR 528
 Priority : 1

Project Name/Number : SR 417 Widening from Narcoossee Road to SR 528 # -
 Route Number : SR 417
 Project Category : Existing System Improvements
 Work Description : Add Lanes, Mill & Resurface
 Design & Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	11,670																								
Construction	53,000																								
TOTAL	64,670																								
		FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		-				-				5,300				19,797				39,573							
		Encumbered =				Encumbered =																			

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	12,637																								
Construction	58,540																								
TOTAL	71,177																								
		FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		-				-				5,618				21,860				43,699							
		Encumbered =				Encumbered =																			

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

Estimated total construction cost (2017 \$): \$53 M

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : No Activity
 Date Originated : 3/14/17
 Last Revision : 3/14/17
 Fund Source : SP
 Length (miles) : 5.3
 From: Boggy Creek Road To: Narcoossee Road
 Priority : 1

Project Name/Number : SR 417 Widening from Boggy Creek Road to Narcoossee Road # -
 Route Number : SR 417
 Project Category : Existing System Improvements
 Work Description : Add Lanes, Mill & Resurface
 Design

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	7,100																			1,775	1,775	1,775	1,775		
	-																								
TOTAL	7,100																								
		FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		-				-				-				-				7,100							
		Encumbered =				Encumbered =																			

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	7,825																			1,956	1,956	1,956	1,956		
	-																								
TOTAL	7,825																								
		FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		-				-				-				-				7,825							
		Encumbered =				Encumbered =																			

Remarks: EAL includes design, permitting, and administration.

Estimated total construction cost (2017 \$): \$71 M

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Bidding Priority : 1
 Date Originated : 6/17/14
 Last Revision : 2/16/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Project Name/Number : SR 417 / SR 528 Ramp Improvements # 599-126
 Route Number : SR 417 & SR 528
 Project Category : Existing System Improvements
 Work Description : Ramp Improvements
 Bidding & Construction

Project Schedule :

Activity	2017			2018			2019			2020			2021			2022		
Bidding																		
Construction																		

Project Cost (in thousands \$) :

Activity	Totals \$	2017			2018			2019			2020			2021			2022														
EAL	1,114		5	5	368	368	368																								
Construction	9,200				3,067	3,067	3,067																								
	-																														
	-																														
TOTAL	10,314																														
		FY 17/18 Total =			6,879			FY 18/19 Total =			3,435			FY 19/20 Total =			-			FY 20/21 Total =			-			FY 21/22 Total =			-		
		Encumbered =						Encumbered =																							

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017			2018			2019			2020			2021			2022														
EAL	1,136		5	5	375	375	375	-	-	-	-	-	-	-	-	-	-	-	-												
Construction	9,388				3,129	3,129	3,129	-	-	-	-	-	-	-	-	-	-	-	-												
	-																														
	-																														
TOTAL	10,523																														
		FY 17/18 Total =			7,019			FY 18/19 Total =			3,504			FY 19/20 Total =			-			FY 20/21 Total =			-			FY 21/22 Total =			-		
		Encumbered =			5			Encumbered =																							

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

Includes improvements to the Southbound SR 417 off ramp to Westbound SR 528. Assume advertisement in July 2017.

Estimated total construction cost (2017 \$): \$9.2 M

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Construction Priority : 1
 Date Originated : 5/7/15
 Last Revision : 2/16/17
 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
 Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	32			32																					
Construction	270			270																					
TOTAL	302	FY 16/17 Total = 302				FY 17/18 Total = -				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -							
		Encumbered = 302				Encumbered =																			

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	32			32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Construction	270			270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TOTAL	302	FY 16/17 Total = 302				FY 17/18 Total = -				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -							
		Encumbered = 302				Encumbered =																			

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

Construction Contract Amount: \$1,923,666.93 Construction cost shown above includes contingency.
 Construction NTP/Expiration Date: 1/30/2017 Thru 7/28/2017

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : No Activity
 Date Originated : 3/1/16
 Last Revision : 2/16/17
 Fund Source : SP
 Length (miles) : 1.6
 From: Curry Ford Road To: Lake Underhill Road
 Priority : 2

Project Name/Number : SR 417 Widening - Curry Ford to Lake Underhill Road Landscaping # -
 Route Number : SR 417
 Project Category : Existing System Improvements
 Work Description : Landscaping
 Design, Installation & Partial Maintenance

Project Schedule :

Activity	2017			2018			2019			2020			2021			2022		
Design																		
Bidding																		
Installation																		
Maintenance																		

Project Cost (in thousands \$) :

Activity	Totals \$	2017			2018			2019			2020			2021			2022				
EAL	48										9	9	5	5	10	10					
Construction	250													125	125						
Maintenance	20															5	5	5	5		
TOTAL	318	FY 17/18 Total =			FY 18/19 Total =			FY 19/20 Total =			FY 20/21 Total =			FY 21/22 Total =							
		-			-			18			280			20							
		Encumbered =			Encumbered =																

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018: 2.7%, FY 2019: 2.8%, FY 2020: 2.6%, FY 2021: 2.5%, FY 2022: 2.7%

Activity	Totals \$	2017			2018			2019			2020			2021			2022					
EAL	51	-	-	-	-	-	-	-	-	-	10	10	5	5	11	11	-	-	-	-	-	-
Construction	276	-	-	-	-	-	-	-	-	-	-	-	-	138	138	-	-	-	-	-	-	
Maintenance	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	5	5			
TOTAL	348	FY 17/18 Total =			FY 18/19 Total =			FY 19/20 Total =			FY 20/21 Total =			FY 21/22 Total =								
		-			-			19			308			20								
		Encumbered =			Encumbered =																	

Remarks: EAL includes design, bidding, construction engineering & inspection, administration, and post-design services.
 Maintenance phase is estimated to be 8 quarters.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : No Activity
 Date Originated : 3/1/16
 Last Revision : 2/16/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Priority : 2

Project Name/Number : SR 417 / SR 408 Interchange Landscaping # 417-253G
 Route Number : SR 417
 Project Category : Existing System Improvements
 Work Description : Interchange Landscaping
 Design & Bidding

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Bidding																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	74																			32	32			5	5
TOTAL	74																								
		FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		-				-				-				-				74							
		Encumbered =				Encumbered =																			

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	81																								
TOTAL	81																								
		FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		-				-				-				-				81							
		Encumbered =				Encumbered =																			

Remarks: EAL includes design, bidding, and administration.

Installation after 253G interchange construction completed.

Estimated total construction cost (2017 \$): \$0.9 M

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : No Activity
 Date Originated : 3/15/17
 Last Revision : 3/15/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Priority : 1

Project Name/Number : SR 429 / Florida's Turnpike Interchange # -
 Route Number : SR 429
 Project Category : Existing System Improvements
 Work Description : Add Lanes, Mill & Resurface
 IMR, Design & Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Selection																								
Interchange Modification Report																								
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	5,590			5	5	100	100	100	100	100	100	5	5	575	575	575	575	5	5	690	690	690	690	690	690
Construction	23,000																			5,750	5,750	5,750	5,750	5,750	5,750
TOTAL	28,590	FY 17/18 Total = 110				FY 18/19 Total = 400				FY 19/20 Total = 1,160				FY 20/21 Total = 1,160				FY 21/22 Total = 25,760							
Encumbered =		Encumbered =				Encumbered =				Encumbered =				Encumbered =				Encumbered =							

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	6,096			-	5	5	103	103	103	103	103	5	5	617	617	617	617	6	6	770	770	770	770	770	770
Construction	25,735			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,434	6,434	6,434	6,434	6,434	6,434
TOTAL	31,832	FY 17/18 Total = 113				FY 18/19 Total = 411				FY 19/20 Total = 1,246				FY 20/21 Total = 1,246				FY 21/22 Total = 28,817							
Encumbered =		Encumbered =				Encumbered =				Encumbered =				Encumbered =				Encumbered =							

Remarks: EAL includes Interchange Modification Report (IMR), design, bidding, construction engineering & inspection, administration, and post-design services.

Includes milling and resurfacing the existing pavement within the project limits.

Estimated total construction cost (2017 \$): \$23 M

Central Florida Expressway Authority
Five-Year Work Plan
Project Information

Current Status : No Activity Priority : 1
 Date Originated : 3/1/16
 Last Revision : 3/14/17
 Fund Source : SP
 Length (miles) : 4.2
 From: Florida's Turnpike / SR 50 To: West Road

Project Name/Number : SR 429 Widening from Florida's Turnpike to West Road # -
 Route Number : SR 429
 Project Category : Existing System Improvements
 Work Description : Add Lanes, Mill & Resurface
Design & Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	12,110							1,375	1,375	1,375	1,375	5	5	1,100	1,100	1,100	1,100	1,100	1,100						
Construction	55,000													9,167	9,167	9,167	9,167	9,167	9,167						
TOTAL	67,110					FY 17/18 Total = -				FY 18/19 Total = 5,500				FY 19/20 Total = 20,543				FY 20/21 Total = 41,067				FY 21/22 Total = -			
		Encumbered =				Encumbered =																			

Cash Flow Inflated (in thousands \$) :

Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	12,779			-	-	-	-	1,420	1,420	1,420	1,420	5	5	1,181	1,181	1,181	1,181	1,181	1,181	-	-	-	-		
Construction	59,239			-	-	-	-	-	-	-	-	-	-	9,873	9,873	9,873	9,873	9,873	9,873	-	-	-	-		
TOTAL	72,018					FY 17/18 Total = -				FY 18/19 Total = 5,681				FY 19/20 Total = 22,119				FY 20/21 Total = 44,218				FY 21/22 Total = -			
		Encumbered =				Encumbered =																			

Remarks: EAL includes design, bidding, construction engineering & inspection, administration, and post-design services.
Includes milling and resurfacing the existing pavement within the project limits.
Construction schedule dependent on SR 429 / Florida's Turnpike Interchange Interchange Modification Report.
Estimated total construction cost (2017 \$): \$55 M

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : No Activity
 Date Originated : 3/14/17
 Last Revision : 3/14/17
 Fund Source : SP
 Length (miles) : 2.47
 From: West Road To: CR 437A
 Priority : 1

Project Name/Number : SR 429 Widening from West Road to CR 437A # -
 Route Number : SR 429
 Project Category : Existing System Improvements
 Work Description : Add Lanes, Mill & Resurface
 Design & Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Bidding																								
Construction																								
Toll Equipment																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	6,830																								
Construction	31,000																								
Toll Equipment	420																								
TOTAL	38,250																								
		FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		-				-				3,100				11,583				23,567							
		Encumbered =				Encumbered =																			

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	7,396																								
Construction	34,240																								
Toll Equipment	480																								
TOTAL	42,116																								
		FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		-				-				3,286				12,790				26,040							
		Encumbered =				Encumbered =																			

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

Estimated total construction cost (2017 \$): \$31 M

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : No Activity
 Date Originated : 3/14/17
 Last Revision : 2/7/17
 Fund Source : SP
 Length (miles) : 3.1
 From: CR 535 To: Florida's Turnpike
 Priority : 1

Project Name/Number : SR 429 Widening from CR 535 to Florida's Turnpike # -
 Route Number : SR 429
 Project Category : Existing System Improvements
 Work Description : Add Lanes, Mill & Resurface
 Design & Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	9,250																								
Construction	42,000																								
TOTAL	51,250																								
		FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		-				-				4,200				15,690				31,360							
		Encumbered =				Encumbered =																			

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	10,017																								
Construction	46,390																								
TOTAL	56,407																								
		FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		-				-				4,452				17,325				34,630							
		Encumbered =				Encumbered =																			

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

Estimated total construction cost (2017 \$): \$42 M

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Design Priority : 1
 Date Originated : 5/7/15
 Last Revision : 2/16/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Project Name/Number : SR 429 / CR 535 Northbound On Ramp Improvements # 429-654D
 Route Number : SR 429
 Project Category : Existing System Improvements
 Work Description : On Ramp Improvements
 Bidding & Construction

Project Schedule :

Activity	2017		2018		2019		2020		2021		2022	
Bidding												
Construction												
Toll Equipment												

Project Cost (in thousands \$) :

Activity	Totals \$	2017		2018		2019		2020		2021		2022	
EAL	490	5	5	160	160	160							
Construction	4,000			1,333	1,333	1,333							
Toll Equipment	-				0								
TOTAL	4,490	FY 17/18 Total =		2,997		FY 18/19 Total =		1,493		FY 19/20 Total =		-	
		Encumbered =		Encumbered =		-		-		-		-	

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017		2018		2019		2020		2021		2022	
EAL	499	5	5	163	163	163	-	-	-	-	-	-	-
Construction	4,082	-	-	1,361	1,361	1,361	-	-	-	-	-	-	-
Toll Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	4,581	FY 17/18 Total =		3,057		FY 18/19 Total =		1,524		FY 19/20 Total =		-	
		Encumbered =		Encumbered =		-		-		-		-	

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

Includes adding an additional toll lane to NB SR 429 ramp plaza @ CR 535.

Toll equipment costs included in the Toll Collection System Upgrade Project.

Estimated total construction cost (2017 \$): \$4 M

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Construction Priority : 1
 Date Originated : 1/31/07
 Last Revision : 2/6/17
 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 & Resurface
 Construction

Project Schedule :

Activity	2017			2018			2019			2020			2021			2022		
Construction																		
Toll Equipment																		

Project Cost (in thousands \$) :

Activity	Totals \$	2017			2018			2019			2020			2021			2022		
EAL	1,440		600	600	240														
Construction	12,000		5,000	5,000	2,000														
Toll Equipment	-				0														
TOTAL	13,440																		
		FY 17/18 Total =			13,440			FY 18/19 Total =			-			FY 19/20 Total =			-		
		Encumbered =			13,440			Encumbered =											

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017			2018			2019			2020			2021			2022		
EAL	1,440		600	600	240	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Construction	12,000		5,000	5,000	2,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toll Equipment	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	13,440																		
		FY 17/18 Total =			13,440			FY 18/19 Total =			-			FY 19/20 Total =			-		
		Encumbered =			13,440			Encumbered =											

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

Construction Contract Amount: \$23,569,000 Toll equipment costs included in the Toll Collection System Upgrade Project.
 Construction NTP/Expiration Date: 11/6/2016 Thru 1/29/2018

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Design Priority : 1
 Date Originated : 1/31/07
 Last Revision : 2/9/17
 Fund Source : SP
 Length (miles) : 4.1
 From: SR 417 To: Alafaya Trail

Project Name/Number : SR 408 Widening from SR 417 to Alafaya Trail # 408-128
 Route Number : SR 408
 Project Category : Existing System Improvements
 Work Description : Add Lanes, Mill & Resurface
 Bidding & Construction

Project Schedule :

Activity	2017			2018			2019			2020			2021			2022		
Bidding																		
Construction																		
Toll Equipment																		

Project Cost (in thousands \$) :

Activity	Totals \$	2017			2018			2019			2020			2021			2022														
EAL	9,365		5	1,170	1,170	1,170	1,170	1,170	1,170	1,170																					
Construction	78,000			9,750	9,750	9,750	9,750	9,750	9,750	9,750																					
Toll Equipment	-									0																					
TOTAL	87,365	FY 17/18 Total =			32,765			FY 18/19 Total =			43,680			FY 19/20 Total =			10,920			FY 20/21 Total =			-			FY 21/22 Total =			-		
		Encumbered =			Encumbered =			Encumbered =			Encumbered =			Encumbered =			Encumbered =			Encumbered =			Encumbered =			Encumbered =					

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017			2018			2019			2020			2021			2022														
EAL	9,487		5	1,185	1,185	1,185	1,185	1,185	1,185	1,185	-	-	-	-	-	-	-	-	-												
Construction	79,057			9,882	9,882	9,882	9,882	9,882	9,882	9,882	-	-	-	-	-	-	-	-	-												
Toll Equipment	-										-	-	-	-	-	-	-	-	-												
TOTAL	88,544	FY 17/18 Total =			33,207			FY 18/19 Total =			44,269			FY 19/20 Total =			11,067			FY 20/21 Total =			-			FY 21/22 Total =			-		
		Encumbered =			Encumbered =			Encumbered =			Encumbered =			Encumbered =			Encumbered =			Encumbered =			Encumbered =			Encumbered =					

Remarks: EAL includes bidding, construction engineering & inspection, administration, and post-design services.
 Includes re-configuration of SR 408/Rouse Road interchange and bridge replacement over Alafaya Trail. Toll equipment costs included in the Toll Collection System Upgrade Project.
 Estimated total construction cost (2017 \$): \$78 M

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Concept Study Priority : 1
 Date Originated : 6/27/13
 Last Revision : 2/7/17
 Fund Source : SP
 Length (miles) : 1.4
 From: SR 436 To: Goldenrod Road

Project Name/Number : SR 528 Widening - SR 436 to Goldenrod Rd. # 528-1430
 Route Number : SR 528
 Project Category : Existing System Improvements
 Work Description : Ramps, Add Lanes, Mill & Resurface
Design & Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	11,010					1,250	1,250	1,250	1,250	5	5	1,000	1,000	1,000	1,000	1,000	1,000																								
Construction	50,000											8,333	8,333	8,333	8,333	8,333	8,333																								
TOTAL	61,010	FY 17/18 Total =				2,500				FY 18/19 Total =				2,510				FY 19/20 Total =				37,333				FY 20/21 Total =				18,667				FY 21/22 Total =				-			
		Encumbered =				Encumbered =				Encumbered =				Encumbered =				Encumbered =				Encumbered =				Encumbered =															

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	11,469					-	-	1,275	1,275	1,275	1,275	5	5	1,060	1,060	1,060	1,060	1,060	1,060	-	-	-	-	-	-																
Construction	53,160					-	-	-	-	-	-	-	-	8,860	8,860	8,860	8,860	8,860	8,860	-	-	-	-	-	-																
TOTAL	64,629	FY 17/18 Total =				2,549				FY 18/19 Total =				2,560				FY 19/20 Total =				39,680				FY 20/21 Total =				19,840				FY 21/22 Total =				-			
		Encumbered =				Encumbered =				Encumbered =				Encumbered =				Encumbered =				Encumbered =				Encumbered =															

Remarks: EAL includes design, permitting, bidding, construction engineering & inspection, administration, and post-design services.
Includes bridge replacements and widenings for three bridges at the SR 528 / SR 436 Interchange (Alternate 4 Concept); Includes auxiliary lane from SR 436 to Goldenrod Rd.
Estimated total construction cost (2017 \$): \$50 M

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : No Activity
 Date Originated : 8/15/13
 Last Revision : 2/9/17
 Fund Source : SP
 Length (miles) : 1.9
 From: Narcoossee Road To: SR 417
 Priority : 1

Project Name/Number : SR 528 Widening from Narcoossee Road to SR 417 # -
 Route Number : SR 528
 Project Category : Existing System Improvements
 Work Description : Add Lanes, Mill & Resurface
 Design & Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	5,510													833	833	833	5	5	750	750	750	750			
Construction	25,000																		6,250	6,250	6,250	6,250			
TOTAL	30,510																								
		FY 17/18 Total = -				FY 18/19 Total = -				FY 19/20 Total = 833				FY 20/21 Total = 1,677				FY 21/22 Total = 28,000							
		Encumbered =				Encumbered =																			

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	6,080													901	907	912	6	6	827	827	848	848			
Construction	26,534																		6,993	7,041	6,250	6,250			
TOTAL	32,614																								
		FY 17/18 Total = -				FY 18/19 Total = -				FY 19/20 Total = 901				FY 20/21 Total = 1,830				FY 21/22 Total = 29,883							
		Encumbered =				Encumbered =																			

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

Includes milling and resurfacing the existing pavement within the project limits.

Estimated total construction cost (2017 \$): \$25 M

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Construction Priority : 1
 Date Originated : 6/27/13
 Last Revision : 2/7/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Project Name/Number : SR 528 Econ River Bridge # 528-131
 Route Number : SR 528
 Project Category : Existing System Improvements
 Work Description : Bridge Replacement & Widening
 Construction

Project Schedule :

Activity	2017		2018		2019		2020		2021		2022	
Construction												

Project Cost (in thousands \$) :

Activity	Totals \$	2017		2018		2019		2020		2021		2022	
EAL	1,764		353	353	353	353							
Construction	14,700		2,940	2,940	2,940	2,940							
TOTAL	16,464		FY 17/18 Total = 13,171		FY 18/19 Total = 3,293		FY 19/20 Total = -		FY 20/21 Total = -		FY 21/22 Total = -		
			Encumbered = 13,171		Encumbered = 3,293								

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017		2018		2019		2020		2021		2022	
EAL	1,764		353	353	353	353	-	-	-	-	-	-	-
Construction	14,700		2,940	2,940	2,940	2,940	-	-	-	-	-	-	-
TOTAL	16,464		FY 17/18 Total = 13,171		FY 18/19 Total = 3,293		FY 19/20 Total = -		FY 20/21 Total = -		FY 21/22 Total = -		
			Encumbered = 13,171		Encumbered = 3,293								

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

Construction Contract Amount (2017): \$17,777,000 Construction cost shown above includes contingency.
 Assumed Constr. NTP /Expiration Date: 3/1/2017 Thru 9/21/2018

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : No Activity
 Date Originated : 4/1/96
 Last Revision : 2/16/17
 Fund Source : SP
 Length (miles) : 2.1
 From: Boggy Creek Road To: SR 436
 Priority : 2

Project Name/Number : SR 528 Airport Frontage Landscaping # -
 Route Number : SR 528
 Project Category : Existing Systems
 Work Description : Landscaping
 Design, Installation & Partial Maintenance

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Bidding																								
Installation																								
Maintenance																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	108																								
Installation	125																								
Maintenance	20																								
TOTAL	253																								
		FY 17/18 Total = -				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = 233				FY 21/22 Total = 20							
		Encumbered = -				Encumbered = -																			

Cash Flow Inflated (in thousands \$) : Base Inflation rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	117																								
Installation	139																								
Maintenance	20																								
TOTAL	276																								
		FY 17/18 Total = -				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = 256				FY 21/22 Total = 20							
		Encumbered = -				Encumbered = -																			

Remarks: Maintenance phase is estimated to be 8 quarters.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : On-going Priority : 1
 Date Originated : 5/3/17
 Last Revision : 2/13/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Project Name/Number : Systemwide Safety and Operational Improvement Projects # -
 Route Number : Systemwide
 Project Category : Existing System Improvements
 Work Description : Minor Roadway Projects
Design & Construction
(Projects to be determined)

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	266			40	5	5	24	24		20	5	5	16	16	20	5	5	16	16	20	5	5	16		
Construction	1,050					200	200						130	130				130	130						130
TOTAL	1,316	FY 17/18 Total = 274				FY 18/19 Total = 249				FY 19/20 Total = 316				FY 20/21 Total = 301				FY 21/22 Total = 176							
		Encumbered =				Encumbered =																			

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	266			40	5	5	24	24	-	20	5	5	16	16	20	5	5	16	16	20	5	5	16		
Construction	1,050			-	-	-	200	200	-	-	-	-	130	130	-	-	-	130	130	-	-	-	-	-	130
TOTAL	1,316	FY 17/18 Total = 274				FY 18/19 Total = 249				FY 19/20 Total = 316				FY 20/21 Total = 301				FY 21/22 Total = 176							
		Encumbered =				Encumbered =																			

Remarks: EAL includes design, permitting, bidding, construction engineering & inspection, administration, and post-design services.
 No inflation has been added. Annual escalation assumed to be included in total dollars allocated per fiscal year.
 FY 18: Includes potential SR 528 / Boggy Creek Road / Jetport Drive ramp improvements, misc. turn lane and intersection improvements.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : On-going Priority : 1
 Date Originated : 4/1/97
 Last Revision : 2/7/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

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

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	115				10	5	5	5	5	10	5	5	5	5	10	5	5	5	5	10	5	5	5		
Construction	455							65	65											65	65				
TOTAL	570	FY 17/18 Total = 20				FY 18/19 Total = 155				FY 19/20 Total = 155				FY 20/21 Total = 150				FY 21/22 Total = 90							
		Encumbered =				Encumbered =																			

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	115				10	5	5	5	5	10	5	5	5	5	10	5	5	5	5	10	5	5	5		
Construction	455							65	65											65	65				
TOTAL	570	FY 17/18 Total = 20				FY 18/19 Total = 155				FY 19/20 Total = 155				FY 20/21 Total = 150				FY 21/22 Total = 90							
		Encumbered =				Encumbered =																			

Remarks: EAL includes design, bidding, construction engineering & inspection, administration, 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 : On-going Priority : 1
 Date Originated : 3/15/00
 Last Revision : 2/7/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

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

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	115				10	5	5	5	5	10	5	5	5	5	10	5	5	5	5	10	5	5	5	5	5
Construction	455							65	65									65	65						65
TOTAL	570	FY 17/18 Total = 20				FY 18/19 Total = 155				FY 19/20 Total = 155				FY 20/21 Total = 150				FY 21/22 Total = 90							
		Encumbered =				Encumbered =																			

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	115				10	5	5	5	5	10	5	5	5	5	10	5	5	5	5	10	5	5	5	5	5
Construction	455							65	65									65	65						65
TOTAL	570	FY 17/18 Total = 20				FY 18/19 Total = 155				FY 19/20 Total = 155				FY 20/21 Total = 150				FY 21/22 Total = 90							
		Encumbered =				Encumbered =																			

Remarks: EAL includes design, bidding, construction engineering & inspection, administration, 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 : On-going Priority : 1
 Date Originated : 4/1/99
 Last Revision : 2/7/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Project Name/Number : Systemwide Lighting & LED Upgrades # 599-1370
 Route Number : Systemwide
 Project Category : Existing System Improvements
 Work Description : Lighting Rehabilitation
Design & Construction
(Projects to be determined)

Project Schedule :

Activity	2017			2018			2019			2020			2021			2022		
Design																		
Bidding																		
Construction																		

Project Cost (in thousands \$) :

Activity	Totals \$	2017			2018			2019			2020			2021			2022														
EAL	120			10	5	5	5	5	10	5	5	5	5	10	5	5	5	10	5	5	5	5									
Construction	520					65	65				65	65			65	65				65	65										
TOTAL	640																														
		FY 17/18 Total =			90			FY 18/19 Total =			90			FY 19/20 Total =			155			FY 20/21 Total =			155			FY 21/22 Total =			150		
		Encumbered =						Encumbered =																							

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017			2018			2019			2020			2021			2022														
EAL	120			10	5	5	5	5	10	5	5	5	5	10	5	5	5	10	5	5	5	5									
Construction	520			-	-	-	65	65	-	-	-	65	65	-	-	-	65	65	-	-	-	65	65								
TOTAL	640																														
		FY 17/18 Total =			90			FY 18/19 Total =			90			FY 19/20 Total =			155			FY 20/21 Total =			155			FY 21/22 Total =			150		
		Encumbered =						Encumbered =																							

Remarks: EAL includes design, bidding, construction engineering & inspection, administration, and post-design services.
 No inflation has been added. Annual escalation assumed to be included in total dollars allocated per fiscal year.
 Years 1-3 are for LED upgrades

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : No Activity
 Date Originated : 3/1/17
 Last Revision : 3/14/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Priority : 1

Project Name/Number : Safety Campaign # -
 Route Number : Systemwide
 Project Category : Existing System Improvements
 Work Description : Safety Project
 Communications

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Public Involvement																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
Study	745			49	49	49	49	43	43	43	43	40	40	40	40	30	30	30	30	25	25	25	25		
TOTAL	745	FY 17/18 Total = 195				FY 18/19 Total = 170				FY 19/20 Total = 160				FY 20/21 Total = 120				FY 21/22 Total = 100							
		Encumbered =				Encumbered =																			

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
Study	745			49	49	49	49	43	43	43	43	40	40	40	40	30	30	30	30	25	25	25	25		
TOTAL	745	FY 17/18 Total = 195				FY 18/19 Total = 170				FY 19/20 Total = 160				FY 20/21 Total = 120				FY 21/22 Total = 100							
		Encumbered =				Encumbered =																			

Remarks: Funding levels based upon 0.05% of estimated annual CFX construction costs.
 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 : No Activity
 Date Originated : 3/27/17
 Last Revision : 3/27/17
 Fund Source : SP
 Length (miles) : 18
 From: Narcoossee Road To: East of SR 520
 Priority : 1

Project Name/Number : SR 528 Fencing #
 Route Number : SR 528
 Project Category : Existing System Improvements
 Work Description : Fencing
 Design & Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	334					5	5	162	162																
Construction	2,700							1,350	1,350																
TOTAL	3,034																								
		FY 16/17 Total =				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% R/W Inflation rate = 8% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	346					5	5	167	168	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Construction	2,803							1,397	1,406	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	3,149																								
		FY 16/17 Total =				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.

Construct Type A fence along All Aboard Florida (Brightline) corridor.

Estimated total construction cost (2017 \$): \$2.7 M

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : PD&E
Date Originated : 4/30/10
Last Revision : 2/16/17
Fund Source : SP
Length (miles) : 7.3
From: Challenger Parkway To: SR 520

Priority : 1

Project Name/Number : SR 408 Eastern Extension PD&E # 408-254
Route Number : SR 408
Project Category : System Expansion Projects
Work Description : New Expressway
PD&E & 15% Line & Grade

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
PD&E																								
Selection																								
15% Line & Grade																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022				
PD&E	1,100			500	500							5	5			23	23	23								
15% Line & Grade	3,000															750	750	750								
TOTAL	4,100																									
		FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =								
		Encumbered =				Encumbered =				Encumbered =				Encumbered =				Encumbered =								

Cash Flow Inflated (in thousands \$) : Base Inflation rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
PD&E	1,107			500	500	-	-	-	-	-	-	5	5	24	24	24	24	-	-	-	-	-	-	-	-
15% Line & Grade	3,231					-	-	-	-	-	-			808	808	808	808	-	-	-	-	-	-	-	-
TOTAL	4,339																								
		FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		Encumbered =				Encumbered =				Encumbered =				Encumbered =				Encumbered =							

Remarks:

Central Florida Expressway Authority
Five-Year Work Plan
Project Information

Current Status : Study Priority : 1
 Date Originated : 3/1/16
 Last Revision : 2/16/17
 Fund Source : SP
 Length (miles) : 8.0
 From: Northeast District To: SR 528

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	2017			2018			2019			2020			2021			2022		
Selection																		
C, F & M Study																		

Project Cost (in thousands \$) :

Activity	Totals \$	2017			2018			2019			2020			2021			2022														
Selection	5			5																											
C, F & M Study	1,980			330	330	330	330	330	330	330																					
TOTAL	1,985	FY 17/18 Total =			995			FY 18/19 Total =			990			FY 19/20 Total =			-			FY 20/21 Total =			-			FY 21/22 Total =			-		
		Encumbered =			-			Encumbered =																							

Cash Flow Inflated (in thousands \$) : Base Inflation rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017			2018			2019			2020			2021			2022														
Selection	5			5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
C, F & M Study	1,980			-	330	330	330	330	330	330	-	-	-	-	-	-	-	-	-												
TOTAL	1,985	FY 17/18 Total =			995			FY 18/19 Total =			990			FY 19/20 Total =			-			FY 20/21 Total =			-			FY 21/22 Total =			-		
		Encumbered =			-			Encumbered =																							

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

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Study Priority : 1
 Date Originated : 3/1/16
 Last Revision : 2/16/17
 Fund Source : SP
 Length (miles) : -
 From: Northeast Connector To: SR 417

Project Name/Number : Osceola Parkway Extension Feasibility Study # 599-2210
 Route Number : -
 Project Category : System Expansion Projects
 Work Description : New Expressway
 Concept, Feasibility & Mobility Study

Project Schedule :

Activity	2017			2018			2019			2020			2021			2022		
C, F & M Study																		

Project Cost (in thousands \$) :

Activity	Totals \$	2017			2018			2019			2020			2021			2022		
C, F & M Study	1,125		375	375	375														
TOTAL	1,125	FY 17/18 Total = 1,125			FY 18/19 Total = -			FY 19/20 Total = -			FY 20/21 Total = -			FY 21/22 Total = -					
		Encumbered = -			Encumbered = -														

Cash Flow Inflated (in thousands \$) : Base Inflation rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017			2018			2019			2020			2021			2022		
C, F & M Study	1,125		375	375	375	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	1,125	FY 17/18 Total = 1,125			FY 18/19 Total = -			FY 19/20 Total = -			FY 20/21 Total = -			FY 21/22 Total = -					
		Encumbered = -			Encumbered = -														

Remarks: Estimated NTP April 1, 2017 and 12 month study. Study Cost Estimate: \$1.5 Million.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Study Priority : 1
 Date Originated : 3/1/16
 Last Revision : 2/16/17
 Fund Source : SP
 Length (miles) : -
 From: Turnpike To: Osceola Parkway Extension

Project Name/Number : Northeast Connector Expressway Study # 599-2220
 Route Number : -
 Project Category : System Expansion Projects
 Work Description : New Expressway
 Concept, Feasibility & Mobility Study

Project Schedule :

Activity	2017			2018			2019			2020			2021			2022		
C, F & M Study																		

Project Cost (in thousands \$) :

Activity	Totals \$	2017			2018			2019			2020			2021			2022		
C, F & M Study	1,125		375	375	375														
TOTAL	1,125	FY 17/18 Total = 1,125			FY 18/19 Total = -			FY 19/20 Total = -			FY 20/21 Total = -			FY 21/22 Total = -					
		Encumbered = -			Encumbered = -														

Cash Flow Inflated (in thousands \$) : Base Inflation rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017			2018			2019			2020			2021			2022		
C, F & M Study	1,125		375	375	375	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	1,125	FY 17/18 Total = 1,125			FY 18/19 Total = -			FY 19/20 Total = -			FY 20/21 Total = -			FY 21/22 Total = -					
		Encumbered = -			Encumbered = -														

Remarks: Estimated NTP April 1, 2017 and 12 month study. Study Cost Estimate: \$1.5 Million.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Study Priority : 1
 Date Originated : 3/1/16
 Last Revision : 2/16/17
 Fund Source : SP
 Length (miles) : -
 From: Poinciana Parkway To: Turnpike

Project Name/Number : Southport Connector Feasibility Study # 599-2230
 Route Number : -
 Project Category : System Expansion Projects
 Work Description : New Expressway
 Concept, Feasibility & Mobility Study

Project Schedule :

Activity	2017			2018			2019			2020			2021			2022		
C, F & M Study																		

Project Cost (in thousands \$) :

Activity	Totals \$	2017			2018			2019			2020			2021			2022		
C, F & M Study	938		313	313	313														
TOTAL	938	FY 17/18 Total = 938			FY 18/19 Total = -			FY 19/20 Total = -			FY 20/21 Total = -			FY 21/22 Total = -					
		Encumbered = -			Encumbered = -														

Cash Flow Inflated (in thousands \$) : Base Inflation rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017			2018			2019			2020			2021			2022		
C, F & M Study	938		313	313	313	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	938	FY 17/18 Total = 938			FY 18/19 Total = -			FY 19/20 Total = -			FY 20/21 Total = -			FY 21/22 Total = -					
		Encumbered = -			Encumbered = -														

Remarks: Estimated NTP April 1, 2017 and 12 month study. Study Cost Estimate: \$1.25 Million.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Study Priority : 1
 Date Originated : 3/1/16
 Last Revision : 2/16/17
 Fund Source : SP
 Length (miles) : -
 From: I-4 To: Poinciana Parkway

Project Name/Number : Poinciana / I-4 Connector Feasibility Study # 599-2240
 Route Number : -
 Project Category : System Expansion Projects
 Work Description : New Expressway
 Concept, Feasibility & Mobility Study

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
C, F & M Study																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
C, F & M Study	1,125			375	375	375																																			
	-																																								
TOTAL	1,125																																								
		FY 17/18 Total =				1,125				FY 18/19 Total =				-				FY 19/20 Total =				-				FY 20/21 Total =				-				FY 21/22 Total =				-			
		Encumbered =				-				Encumbered =				-																											

Cash Flow Inflated (in thousands \$) : Base Inflation rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
C, F & M Study	1,125			375	375	375	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
TOTAL	1,125																																								
		FY 17/18 Total =				1,125				FY 18/19 Total =				-				FY 19/20 Total =				-				FY 20/21 Total =				-				FY 21/22 Total =				-			
		Encumbered =				-				Encumbered =				-																											

Remarks: Estimated NTP April 1, 2017 and 12 month study. Study Cost Estimate: \$1.5 Million.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : No Activity
 Date Originated : 3/1/16
 Last Revision : 2/16/17
 Fund Source : SP
 Length (miles) : -
 From: US 27 To: SR 429
 Priority : 1

Project Name/Number : Lake / Orange Connector Feasibility Study # -
 Route Number : -
 Project Category : System Expansion Projects
 Work Description : New Expressway
 Concept, Feasibility & Mobility Study

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Selection																								
C, F & M Study																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
Selection	10									5	5														
C, F & M Study	1,100											275	275	275	275										
TOTAL	1,110																								
		FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		-				-				285				825				-							
		Encumbered =				-				-															

Cash Flow Inflated (in thousands \$) : Base Inflation rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
Selection	10									5	5														
C, F & M Study	1,100											275	275	275	275										
TOTAL	1,110																								
		FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		-				-				285				825				-							
		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 : No Activity
 Date Originated : 2/16/17
 Last Revision : 2/16/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -
 Priority : 1

Project Name/Number : Expansion PD&E Project (1) # -
 Route Number : -
 Project Category : System Expansion Projects
 Work Description : New Expressway
 PD&E & 15% Line & Grade

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Selection																								
PD&E																								
Selection																								
15% Line & Grade																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	4,020							5	5	500	500	500	500			5	5	500	500	500	500				
	-																								
TOTAL	4,020																								
		FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		-				1,010				1,000				1,010				1,000							
		Encumbered =				-				-				-				-							

Cash Flow Inflated (in thousands \$) : Base Inflation rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	4,318							5	5	523	523	523	523			5	5	551	551	551	551				
	-																								
TOTAL	4,318																								
		FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		-				1,057				1,046				1,113				1,102							
		Encumbered =				-				-				-				-							

Remarks: Project to be determined based on the results of the Concept, Feasibility, & Mobility Studies for the OCX Master Plan Projects.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : No Activity
 Date Originated : 2/16/17
 Last Revision : 2/16/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Priority : 1

Project Name/Number : Expansion PD&E (2) # -
 Route Number : -
 Project Category : System Expansion Projects
 Work Description : New Expressway
 PD&E & 15% Line & Grade

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Selection																								
PD&E																								
Selection																								
15% Line & Grade																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	3,020																								
	-																								
TOTAL	3,020																								
		FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		-				-				1,010				1,000				1,010							
		Encumbered =				Encumbered =																			
		-				-																			

Cash Flow Inflated (in thousands \$) : Base Inflation rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	3,301																								
	-																								
TOTAL	3,301																								
		FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		-				-				1,085				1,074				1,142							
		Encumbered =				Encumbered =																			
		-				-																			

Remarks: Project to be determined based on the results of the Concept, Feasibility, & Mobility Studies for the OCX Master Plan Projects.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Maintenance Priority : 1
 Date Originated : 5/29/13
 Last Revision : 4/28/16
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Project Name/Number : SR 429 / SR 414 Interchange Landscape # 429-200F
 Route Number : SR's 414 & 429
 Project Category : Expansion Projects
 Work Description : Landscaping
 Maintenance

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Maintenance																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
Maintenance	5			5																					
TOTAL	5	FY 17/18 Total = 5				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -				FY 21/22 Total = -							
		Encumbered = 5				Encumbered = -																			

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
Maintenance	5			5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	5	FY 17/18 Total = 5				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -				FY 21/22 Total = -							
		Encumbered = 5				Encumbered = -																			

Remarks: _____

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Installation Priority : 1
 Date Originated : 5/29/13
 Last Revision : 2/16/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Project Name/Number : SR 429 / SR 414 Interchange Landscape Phase II # 429-200G
 Route Number : SR's 414, 429 & 451
 Project Category : Expansion Projects
 Work Description : Landscaping
 Installation & Maintenance

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Installation																								
Maintenance																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	60			60																																					
Installation	750			750																																					
Maintenance	40				5	5	5	5	5	5	5	5																													
TOTAL	850																																								
		FY 17/18 Total =				825				FY 18/19 Total =				20				FY 19/20 Total =				5				FY 20/21 Total =				-				FY 21/22 Total =				-			
		Encumbered =								Encumbered =																															

Cash Flow Inflated (in thousands \$) : Base Inflation rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	60			60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																	
Installation	750			750	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																	
Maintenance	40				-	5	5	5	5	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-																	
TOTAL	850																																								
		FY 17/18 Total =				825				FY 18/19 Total =				20				FY 19/20 Total =				5				FY 20/21 Total =				-				FY 21/22 Total =				-			
		Encumbered =								Encumbered =																															

Remarks: EAL includes construction engineering & inspection.
 \$1.5 million installation cost
 Maintenance phase is estimated to be 8 quarters.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Construction Priority : 1
 Date Originated : 7/7/11
 Last Revision : 2/16/17
 Fund Source : SP / CF
 Length (miles) : 2.3
 From: US-441 Interchange To: North of Ponkan Road

Project Name/Number : Wekiva Parkway Section 1A # 429-202
 Route Number : SR 429
 Project Category : Expansion Projects
 Work Description : New Expressway
 Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Construction																								
Toll Equipment																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	100			100																																					
Construction	2,000			2,000																																					
Toll Equipment	-			0																																					
TOTAL	2,100																																								
		FY 17/18 Total =				2,100				FY 18/19 Total =				-				FY 19/20 Total =				-				FY 20/21 Total =				-				FY 21/22 Total =				-			
		Encumbered =				2,100				Encumbered =				-																											

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	100			100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
Construction	2,000			2,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
Toll Equipment	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
TOTAL	2,100																																								
		FY 17/18 Total =				2,100				FY 18/19 Total =				-				FY 19/20 Total =				-				FY 20/21 Total =				-				FY 21/22 Total =				-			
		Encumbered =				2,100				Encumbered =				-																											

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

Construction contract cost \$56.4 M (2015\$).

Toll equipment costs included in the Toll Collection System Upgrade Project.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Construction Priority : 1
 Date Originated : 7/7/11
 Last Revision : 2/16/17
 Fund Source : SP / CF
 Length (miles) : 2.3
 From: North of Ponkan Road To: North of Kelly Park Road

Project Name/Number : Wekiva Parkway Section 1B # 429-203
 Route Number : SR 429
 Project Category : Expansion Projects
 Work Description : New Expressway
 Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Construction																								
Toll Equipment																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	125			125																																					
Construction	2,500			2,500																																					
Toll Equipment	-			0																																					
TOTAL	2,625																																								
		FY 17/18 Total =				2,625				FY 18/19 Total =				-				FY 19/20 Total =				-				FY 20/21 Total =				-				FY 21/22 Total =				-			
		Encumbered =				2,625				Encumbered =				-																											

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	125			125	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																		
Construction	2,500			2,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																			
Toll Equipment	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																			
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																			
TOTAL	2,625																																								
		FY 17/18 Total =				2,625				FY 18/19 Total =				-				FY 19/20 Total =				-				FY 20/21 Total =				-				FY 21/22 Total =				-			
		Encumbered =				2,625				Encumbered =				-																											

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

Construction contract cost \$46.6 M (2015\$).

Toll equipment costs included in the Toll Collection System Upgrade Project.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Construction Priority : 1
 Date Originated : 7/7/11
 Last Revision : 2/16/17
 Fund Source : SP / CF
 Length (miles) : 2.0
 From: East of CR 437 To: East of Mt. Plymouth Road

Project Name/Number : Wekiva Parkway Section 2A # 429-205
 Route Number : SR 429
 Project Category : Expansion Projects
 Work Description : New Expressway
 Construction

Project Schedule :

Activity	2017			2018			2019			2020			2021			2022		
Construction																		
Toll Equipment																		

Project Cost (in thousands \$) :

Activity	Totals \$	2017			2018			2019			2020			2021			2022		
EAL	2,716		905	905	905														
Construction	18,539		7,169	7,169	4,201														
Toll Equipment	-				0														
TOTAL	21,255																		
		FY 17/18 Total =			21,255			FY 18/19 Total =			-			FY 19/20 Total =			-		
		Encumbered =			21,255			Encumbered =			-			-			-		

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017			2018			2019			2020			2021			2022		
EAL	2,716		905	905	905	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Construction	18,539		7,169	7,169	4,201	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toll Equipment	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	21,255																		
		FY 17/18 Total =			21,255			FY 18/19 Total =			-			FY 19/20 Total =			-		
		Encumbered =			21,255			Encumbered =			-			-			-		

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

Construction contract cost \$38.65 M.

Toll equipment costs included in the Toll Collection System Upgrade Project.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Construction Priority : 1
 Date Originated : 7/7/11
 Last Revision : 2/16/17
 Fund Source : SP / CF
 Length (miles) : 2.0
 From: North of Kelly Park Road To: East of CR 437 & North to Lake Co. Line

Project Name/Number : Wekiva Parkway Section 2B # 429-204
 Route Number : SR 429
 Project Category : Expansion Projects
 Work Description : New Expressway
 Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	3,077			1,415	1,415	247																																			
Construction	22,931			11,251	11,251	429																																			
TOTAL	26,008																																								
		FY 17/18 Total =				26,008				FY 18/19 Total =				-				FY 19/20 Total =				-				FY 20/21 Total =				-				FY 21/22 Total =				-			
		Encumbered =				26,008				Encumbered =				-																											

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022											
EAL	3,077			1,415	1,415	247	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
Construction	22,931			11,251	11,251	429	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
TOTAL	26,008																																
		FY 17/18 Total =				26,008				FY 18/19 Total =				-				FY 19/20 Total =				-				FY 20/21 Total =				-			
		Encumbered =				26,008				Encumbered =				-																			

Remarks: EAL includes construction engineering & inspection, administration, and post-design services.
 Construction contract \$79.6 M (Revised: \$ 80.7 M).

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Construction Priority : 1
 Date Originated : 7/7/11
 Last Revision : 2/16/17
 Fund Source : SP / CF
 Length (miles) : 1.3
 From: Lake Co. Line To: SR 46 East of Round Lake Road

Project Name/Number : Wekiva Parkway Section 2C # 429-206
 Route Number : SR 429
 Project Category : Expansion Projects
 Work Description : New Expressway
 Construction

Project Schedule :

Activity	2017		2018		2019		2020		2021		2022	
Construction												
Toll Equipment												

Project Cost (in thousands \$) :

Activity	Totals \$	2017		2018		2019		2020		2021		2022	
EAL	2,222		1,147		1,075								
Construction	15,508		8,087		7,421								
Toll Equipment	-				0								
TOTAL	17,730												
		FY 17/18 Total =		17,730		FY 18/19 Total =		-		FY 19/20 Total =		-	
		Encumbered =		17,730		Encumbered =		-		FY 20/21 Total =		-	
										FY 21/22 Total =		-	

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017		2018		2019		2020		2021		2022	
EAL	2,222		1,147		1,075								
Construction	15,508		8,087		7,421								
Toll Equipment	-												
TOTAL	17,730												
		FY 17/18 Total =		17,730		FY 18/19 Total =		-		FY 19/20 Total =		-	
		Encumbered =		17,730		Encumbered =		-		FY 20/21 Total =		-	
										FY 21/22 Total =		-	

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

Construction contract amount \$49.5 M (Revised \$49.2M).

Toll equipment costs included in the Toll Collection System Upgrade Project.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Design Priority : 1
 Date Originated : 3/1/16
 Last Revision : 2/16/17
 Fund Source : SP
 Length (miles) : -
 From: US 441 To: Kelly Park Road

Project Name/Number : Wekiva Parkway (202 & 203) Landscape # 429-8240
 Route Number : SR 429
 Project Category : Expansion Projects
 Work Description : Landscaping
 Installation & Maintenance

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Bidding																								
Installation																								
Maintenance																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	102			5	5	46	46																																		
Installation	2,300					1,150	1,150																																		
Maintenance	120							15	15	15	15	15	15	15	15																										
TOTAL	2,522	FY 17/18 Total =				2,402				FY 18/19 Total =				60				FY 19/20 Total =				60				FY 20/21 Total =				-				FY 21/22 Total =				-			
		Encumbered =				-				Encumbered =				-																											

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	104			5	5	47	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																		
Installation	2,347			-	-	1,173	1,173	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																		
Maintenance	120			-	-	-	-	15	15	15	15	15	15	15	15	-	-	-	-	-	-	-	-																		
TOTAL	2,571	FY 17/18 Total =				2,451				FY 18/19 Total =				60				FY 19/20 Total =				60				FY 20/21 Total =				-				FY 21/22 Total =				-			
		Encumbered =				-				Encumbered =				-																											

Remarks: EAL includes bidding, construction engineering & inspection and post-design services.
 Maintenance phase is estimated to be 8 quarters.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Design Priority : 1
 Date Originated : 2/16/17
 Last Revision : 2/16/17
 Fund Source : SP
 Length (miles) : -
 From: Coronado Somerset Dr. To: SR 46

Project Name/Number : Wekiva Parkway (206) Landscape # -
 Route Number : SR 453
 Project Category : Expansion Projects
 Work Description : Landscaping
 Design, Installation & Maintenance

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Bidding																								
Installation																								
Maintenance																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	101			37	5	5	27	27																																	
Installation	880					440	440																																		
Maintenance	40							5	5	5	5	5	5	5	5																										
TOTAL	1,021																																								
		FY 17/18 Total =				514				FY 18/19 Total =				482				FY 19/20 Total =				20				FY 20/21 Total =				5				FY 21/22 Total =				-			
		Encumbered =								Encumbered =																															

Cash Flow Inflated (in thousands \$) :
 Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018: 2.7%, FY 2019: 2.8%, FY 2020: 2.6%, FY 2021: 2.5%, FY 2022: 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	103			37	5	5	28	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																		
Installation	904			-	-	-	452	452	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																		
Maintenance	40			-	-	-	-	-	5	5	5	5	5	5	5	5	-	-	-	-	-	-	-																		
TOTAL	1,047																																								
		FY 17/18 Total =				527				FY 18/19 Total =				495				FY 19/20 Total =				20				FY 20/21 Total =				5				FY 21/22 Total =				-			
		Encumbered =								Encumbered =																															

Remarks: EAL includes design, bidding, construction engineering & inspection and post-design services.
 Maintenance phase is estimated to be 8 quarters.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : No Activity Priority : 1
 Date Originated : 2/2/17
 Last Revision : 2/16/17
 Fund Source : SP
 Length (miles) : -
 From: North of 429/453 Interchange To: Coronado Somerset Dr.

Project Name/Number : Wekiva Parkway (206) Buffer Landscape # -
 Route Number : SR 453
 Project Category : Expansion Projects
 Work Description : Landscaping
Design, Installation & Partial Maintenance

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Bidding																								
Installation																								
Maintenance																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	150									40	40	5	5	30	30										
Installation	1,000													500	500										
Maintenance	35															5	5	5	5	5	5	5	5		
TOTAL	1,185																								
		FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		-				40				580				545				20							
		Encumbered =				Encumbered =																			

Cash Flow Inflated (in thousands \$) :
 Base Inflation Rate = 2.6% Const. Inflation Rates =
 FY 2018: 2.7% FY 2019: 2.8% FY 2020: 2.6% FY 2021: 2.5% FY 2022: 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	159																								
Installation	1,084																								
Maintenance	35																								
TOTAL	1,278																								
		FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		-				42				627				589				20							
		Encumbered =				Encumbered =																			

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

Maintenance phase is estimated to be 8 quarters.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Right of Way Acquisition Priority : 1
Date Originated : 4/1/97
Last Revision : 2/16/17
Fund Source : SP / CF
Length (miles) : -
From: US 441 To: East of Mt Plymouth Rd and NW to SR 46

Project Name/Number : SR 429 - Wekiva Parkway (Right-of-Way) # 429-051
Route Number : SR 429
Project Category : Expansion Projects
Work Description : New Expressway
Right-of-Way

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Right of Way (429-202)																								
Right of Way (429-203)																								
Right of Way (429-204)																								
Right of Way (429-205)																								
Right of Way (429-206)																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
ROW (Sect 202)	5,800			1,740	1,740	1,740	145	145	145	145																															
ROW (Sect 203)	30,100			9,030	9,030	9,030	753	753	753	753																															
ROW (Sect 204)	5,000			750	750	750	750	750	125	125	125	125	125																												
ROW (Sect 205)	5,400			972	972	972	972	135	135	135	135	135	135																												
ROW (Sect 206)	10,500			1,890	1,890	1,890	1,890	263	263	263	263	263	263																												
TOTAL	56,800																																								
		FY 16/17 Total =				47,656				FY 17/18 Total =				8,497				FY 18/19 Total =				648				FY 19/20 Total =				-				FY 20/21 Total =				-			
		Encumbered =				Encumbered =				Encumbered =				Encumbered =				Encumbered =				Encumbered =				Encumbered =				Encumbered =											

FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
2.70%	2.80%	2.60%	2.50%	2.70%
2.5%	2.7%	2.8%	2.6%	2.5%

Cash Flow Inflated (in thousands \$) :

Base Inflation Rate = 2.6%

Const. Inflation Rates =

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
ROW (Sect 202)	5,800			1,740	1,740	1,740	145	145	145	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
ROW (Sect 203)	30,100			9,030	9,030	9,030	753	753	753	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
ROW (Sect 204)	5,000			750	750	750	750	750	125	125	125	125	125	-	-	-	-	-	-	-	-	-	-	-	-																
ROW (Sect 205)	5,400			972	972	972	972	135	135	135	135	135	135	-	-	-	-	-	-	-	-	-	-	-	-																
ROW (Sect 206)	10,500			1,890	1,890	1,890	1,890	263	263	263	263	263	263	-	-	-	-	-	-	-	-	-	-	-	-																
TOTAL	56,800																																								
		FY 16/17 Total =				47,656				FY 17/18 Total =				8,497				FY 18/19 Total =				648				FY 19/20 Total =				-				FY 20/21 Total =				-			
		Encumbered =				Encumbered =				Encumbered =				Encumbered =				Encumbered =				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 : Design / Const. Priority : 1
 Date Originated : 3/1/95
 Last Revision : 2/7/17
 Fund Source : SP
 Length (miles) : -
 From: SR 408/SR 417 To: Lake Underhill Road

Project Name/Number : SR 408/SR 417 Interchange (Phase II) Design-Build # 408-253G
 Route Number : SR 408 / SR 417
 Project Category : Interchange Projects
 Work Description : Ramps, Mill & Resurface
 Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design-Build																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	8,520			1,065	1,065	1,065	1,065	1,065	1,065	1,065	1,065																														
Design-Build	71,000			8,875	8,875	8,875	8,875	8,875	8,875	8,875	8,875																														
TOTAL	79,520																																								
		FY 17/18 Total =				39,760				FY 18/19 Total =				39,760				FY 19/20 Total =				-				FY 20/21 Total =				-				FY 21/22 Total =				-			
		Encumbered =								Encumbered =																															

Cash Flow Inflated (in thousands \$) : Base Inflation rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	8,520			1,065	1,065	1,065	1,065	1,065	1,065	1,065	1,065	-	-	-	-	-	-	-	-	-	-	-	-																		
Design-Build	71,000			8,875	8,875	8,875	8,875	8,875	8,875	8,875	8,875	-	-	-	-	-	-	-	-	-	-	-	-																		
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																		
TOTAL	79,520																																								
		FY 17/18 Total =				39,760				FY 18/19 Total =				39,760				FY 19/20 Total =				-				FY 20/21 Total =				-				FY 21/22 Total =				-			
		Encumbered =								Encumbered =																															

Remarks: EAL includes construction engineering & inspection, administration, and post-design services.
 Project is design-build and the construction cost includes the cost of design. Estimated project schedule: 660 Days.
 Estimated cost (2017 \$): \$71 M Includes Contingency

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : No Activity
 Date Originated : 4/12/05
 Last Revision : 2/16/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Priority : 2

Project Name/Number : SR 429 / Schofield Road Interchange Landscaping # 429-305
 Route Number : SR 429
 Project Category : Interchange Projects
 Work Description : Landscaping
 Design, Installation & Maintenance

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Bidding																								
Installation																								
Maintenance																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	63									12	13	5	5	28											
Installation	350													350											
Maintenance	40													5	5	5	5	5	5	5	5	5	5		
TOTAL	453																								
		FY 17/18 Total = -				FY 18/19 Total = 12				FY 19/20 Total = 401				FY 20/21 Total = 20				FY 21/22 Total = 20							
		Encumbered =				Encumbered =																			

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	67									13	14	5	5	30											
Installation	379													379											
Maintenance	40													5	5	5	5	5	5	5	5	5	5		
TOTAL	486																								
		FY 17/18 Total = -				FY 18/19 Total = 13				FY 19/20 Total = 433				FY 20/21 Total = 20				FY 21/22 Total = 20							
		Encumbered = -				Encumbered =																			

Remarks: EAL includes design, bidding, construction engineering & inspection, administration, and post-design services.
 Maintenance phase is estimated to be 8 quarters.

Central Florida Expressway Authority
Five-Year Work Plan
Project Information

Current Status : Design-Build Priority : 1
 Date Originated : 3/28/07
 Last Revision : 2/16/17
 Fund Source : SP
 Length (miles) : -
 From: Innovation Way To: Aerospace Parkway

Project Name/Number : SR 528 / Innovation Way Interchange # 528-313
 Route Number : SR 528
 Project Category : Interchange Projects
 Work Description : New Interchange
Design-Build

Project Schedule :

Activity	2017			2018			2019			2020			2021			2022		
Design-Build																		
Toll Equipment																		

Project Cost (in thousands \$) :

Activity	Totals \$	2017			2018			2019			2020			2021			2022		
EAL	2,886		979	979	928														
Design-Build	24,050		8,159	8,159	7,732														
Toll Equipment	-				0														
TOTAL	26,936	FY 17/18 Total =			26,936			FY 18/19 Total =			-			FY 19/20 Total =			-		
		Encumbered =			26,936			Encumbered =			-								

Cash Flow Inflated (in thousands \$) :

Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017			2018			2019			2020			2021			2022		
EAL	2,886		979	979	928	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Design-Build	24,050		8,159	8,159	7,732	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toll Equipment	-					-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	26,936	FY 17/18 Total =			26,936			FY 18/19 Total =			-			FY 19/20 Total =			-		
		Encumbered =			26,936			Encumbered =			-								

Remarks: EAL includes construction engineering & inspection, administration, and post-design services.
 Low bid \$62.5 m. (Revised contract amount \$61.4 M.) Includes additional 3% contingency. Toll equipment costs included in the Toll Collection System Upgrade Project.
 Totals do not reflect contributions from Suburban Land Research, Orange County, and All Aboard Florida.
 Contract NTP / Expiration: 7/5/2016 To 3/26/2018

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : On-going Priority : 1
 Date Originated : 8/2/13
 Last Revision : 2/7/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Project Name/Number : SR 408 at I-4 Ultimate # 408-312
 Route Number : SR 408
 Project Category : Interchange Projects
 Work Description : Interchange Reconstruction
Contribution & Corridor Consultant

Project Schedule :

Activity	2017		2018		2019		2020		2021		2022	
Corridor Consultant												
Contribution												

Project Cost (in thousands \$) :

Activity	Totals \$	2017		2018		2019		2020		2021		2022	
Corr. Consultant	2,896												
Contribution	230,000												
TOTAL	232,896												
		FY 17/18 Total =		75,964		FY 18/19 Total =		75,964		FY 19/20 Total =		80,968	
		FY 20/21 Total =		-		FY 21/22 Total =		-					
		Encumbered =		75,964		Encumbered =		75,964					

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017		2018		2019		2020		2021		2022	
Corr. Consultant	2,896												
Contribution	230,000												
TOTAL	232,896												
		FY 17/18 Total =		75,964		FY 18/19 Total =		75,964		FY 19/20 Total =		80,968	
		FY 20/21 Total =		-		FY 21/22 Total =		-					
		Encumbered =		75,964		Encumbered =		75,964					

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 : No Activity
 Date Originated : 3/13/16
 Last Revision : 2/16/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -
 Priority : 1

Project Name/Number : SR 429 New Interchange Studies # -
 Route Number : SR 429
 Project Category : Interchange Projects
 Work Description : Interchange Studies and Design
 Concept Study, Design & Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Concept Study																								
Selection																								
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
Concept Study	150			75	75																				
EAL	2,220					5	5	250	250	250	250				5	5	300	300	300	300					
Construction	10,000																2,500	2,500	2,500	2,500					
	-																								
TOTAL	12,370																								
		FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		-				160				1,000				-				5,610				5,600			
		Encumbered =				-				-															

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
Concept Study	150			75	75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EAL	2,377					5	5	258	258	258	258				5	5	331	331	331	331					
Construction	11,045																2,761	2,761	2,761	2,761					
TOTAL	13,572																								
		FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		-				160				1,033				-				6,195				6,184			
		Encumbered =				-				-															

Remarks: Concept consists of a half 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. Design and Construction contingent on partnering agreements.

Example Projects: SR 429 at Tilden Road, estimated total construction cost (2017 \$): \$8.9 M
 Stoneybrook West Parkway Interchange (Loops), estimated total construction cost (2017 \$): \$10.8 M

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : No Activity
 Date Originated : 3/16/16
 Last Revision : 2/16/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Priority : 2

Project Name/Number : SR 528 / Innovation Way Landscaping # -
 Route Number : SR 528
 Project Category : Interchange Projects
 Work Description : Landscaping
 Design, Installation & Partial Maintenance

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Bidding																								
Installation																								
Maintenance																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	86																								
Installation	500																								
Maintenance	10																								
TOTAL	596																								
		FY 17/18 Total = -				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = 46				FY 21/22 Total = 550							
		Encumbered =				Encumbered =																			

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	94																								
Installation	559																								
Maintenance	10																								
TOTAL	663																								
		FY 17/18 Total = -				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = 49				FY 21/22 Total = 614							
		Encumbered = -				Encumbered = -																			

Remarks: EAL includes design, bidding, construction engineering & inspection, administration, and post-design services.
 Maintenance phase is estimated to be 8 quarters.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : No Activity
 Date Originated : 6/29/17
 Last Revision : 8/17/17
 Fund Source : SP
 Length (miles) : -
 From: Tampa Avenue To: US 441
 Priority : 1

Project Name/Number : SR 408 - Rio Grande Ave. Interchange # -
 Route Number : SR 408
 Project Category : Interchange Projects
 Work Description : Interchange Reconstruction
 Design & Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Selection																								
Design																								
Bidding																								
Construction																								
Toll Equipment																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	2,968			5	5	335	335	335	335	5	5	322	322	322	322	322	322								
Construction	13,400											2,680	2,680	2,680	2,680	2,680	2,680								
Toll Equipment	420															420									
TOTAL	16,788																								
		FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		680				680				12,006				3,422				-							
		Encumbered =				Encumbered =																			

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	3,091			5	5	342	342	342	342	5	5	341	341	341	341	341	341	-	-	-	-	-	-	-	-
Construction	14,247			-	-	-	-	-	-	-	-	2,849	2,849	2,849	2,849	2,849	2,849	-	-	-	-	-	-	-	-
Toll Equipment	458			-	-	-	-	-	-	-	-	-	-	-	-	458		-	-	-	-	-	-	-	-
TOTAL	17,796																								
		FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		693				693				12,761				3,648				-							
		Encumbered =				Encumbered =																			

Remarks: EAL includes concept, design, permitting, construction engineering & inspection, administration, and post-design services.
 Includes Tampa Avenue, Carter Street, Rio Grande Avenue, and US 441 ramp interchange modifications.
 Assumes that Right-of-Way is donated.
 Project Added per Addendum No. 1

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : On-going Priority : 1
 Date Originated : 3/1/95
 Last Revision : 3/16/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Project Name/Number : Systemwide Toll Plaza Projects # -
 Route Number : Systemwide
 Project Category : Facilities Projects
 Work Description : Toll Plaza Projects
Design & Construction
(Projects to be determined)

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	50					5	5			5	5			5	5			5	5			5	5																		
Construction	450						90				90				90				90				90																		
TOTAL	500	FY 17/18 Total =				100				FY 18/19 Total =				100				FY 19/20 Total =				100				FY 20/21 Total =				100				FY 21/22 Total =				100			
		Encumbered =				Encumbered =				Encumbered =				Encumbered =				Encumbered =				Encumbered =				Encumbered =															

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	50			-	-	5	5	-	-	5	5	-	-	5	5	-	-	5	5	-	-	5	5	-	-																
Construction	450			-	-	-	90	-	-	-	90	-	-	-	90	-	-	-	90	-	-	-	90	-	-																
TOTAL	500	FY 17/18 Total =				100				FY 18/19 Total =				100				FY 19/20 Total =				100				FY 20/21 Total =				100				FY 21/22 Total =				100			
		Encumbered =				Encumbered =				Encumbered =				Encumbered =				Encumbered =				Encumbered =																			

Remarks: EAL includes design, permitting, bidding, construction engineering & inspection, administration, 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 : Construction Priority : 1
 Date Originated : 3/8/17
 Last Revision : 3/8/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Project Name/Number : Generator Replacement (SR 417 and SR 408) # 599-735
 Route Number : 417 / 408
 Project Category : Facilities Projects
 Work Description : Generator Replacement
 Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	76			38	38																				
Construction	630			315	315																				
TOTAL	706																								
		FY 17/18 Total = 706				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -				FY 21/22 Total = -							
		Encumbered = 315				Encumbered =																			

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	76			38	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Construction	630			315	315	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	706																								
		FY 17/18 Total = 706				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -				FY 21/22 Total = -							
		Encumbered = 315				Encumbered =																			

Remarks: EAL includes construction engineering & inspection and administration.

Construction costs include the replacement of 16 ramp plaza and 3 mainline toll plaza generators on SR 417, SR 408, and Goldenrod Road.
 Curry Ford Mainline Plaza, University Mainline Plaza, & Goldenrod Mainline Plaza
 SR 408: Hiwassee On and Off Ramp, OBT On and Off Ramp, Mills Off Ramp, Semoran Off Ramp, Dean On and Off Ramp, Rouse On and Off Ramp
 SR 417: John Young On and Off Ramp, OBT On and Off Ramp, Landstar On and Off Ramp, Boggy Creek On and Off Ramp, Narcoossee On and Off Ramp, Curry Ford On and Off Ramp, Colonial On and Off Ramp, University On and Off Ramp
 Construction Contract Amount: \$1,226,452.53 Construction cost includes contingency.
 Contract NTP / Expiration: 12/1/2016 To 11/26/2017

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : No Activity
 Date Originated : 3/8/17
 Last Revision : 3/8/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Priority : 1

Project Name/Number : Systemwide Generator Replacement (SR 417 / 408 / 429) # -
 Route Number : 417 / 408 / 429
 Project Category : Facilities Projects
 Work Description : Generator Replacement
 Design & Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	260			15	15	5	5	73	73	73	73														
Construction	1,830							610	610	610															
TOTAL	2,090																								
		FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		Encumbered =				Encumbered =																			

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	269			-	15	15	5	5	76	76	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Construction	1,906			-	-	-	-	-	635	635	635	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	2,175																								
		FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		Encumbered =				Encumbered =																			

Remarks: EAL includes construction engineering & inspection and administration.

Construction costs include the replacement of generators at 6 ramp plazas and 6 mainline toll plazas and contingency.
 SR 417: Boggy Creek Mainline Plaza, John Young Mainline Plaza, Lake Nona NB Ramp & SB Ramp and Lee Vista NB Ramp & SB Ramp.
 SR 408: Hiwassee Mainline Plaza, Dean Mainline Plaza and Bumby EB Ramp & WB Ramp.
 SR 429: Forest Lake Mainline Plaza and Independence Mainline Plaza.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : No Activity
 Date Originated : 3/8/17
 Last Revision : 3/8/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -
 Priority : 1

Project Name/Number : Systemwide Generator Replacement (SR 429) # -
 Route Number : 429
 Project Category : Facilities Projects
 Work Description : Generator Replacement
 Design & Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	100					15	15	5	5	30	30														
Construction	500									250	250														
TOTAL	600																								
		FY 17/18 Total = 15				FY 18/19 Total = 305				FY 19/20 Total = 280				FY 20/21 Total = -				FY 21/22 Total = -							
		Encumbered = -				Encumbered =																			

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	104					-	-	-	15	15	5	5	32	32	-	-	-	-	-	-	-	-	-	-	-
Construction	528					-	-	-	-	-	-	264	264	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	633																								
		FY 17/18 Total = 15				FY 18/19 Total = 322				FY 19/20 Total = 296				FY 20/21 Total = -				FY 21/22 Total = -							
		Encumbered = -				Encumbered =																			

Remarks: EAL includes design, bidding, construction engineering & inspection, and administration.
 Construction costs include the replacement of generators at 8 ramp toll plazas and contingency.
 SR 429: Independence NB Ramp & SB Ramp, CR 535 NB Ramp & SB Ramp, Plant Street NB Ramp & SB Ramp and West Rd. NB Ramp & SB Ramp.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : On-going Priority : 1
 Date Originated : 7/1/14
 Last Revision : 2/7/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Project Name/Number : Systemwide Generator Replacements and Upgrades # -
 Route Number : Systemwide
 Project Category : Facilities Projects
 Work Description : Generator Replacements
Design & Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	83													8	8	5	5	18	18	8	8	5	5		
Construction	300																	150	150						
TOTAL	383													8	8	5	5	186	186			189	189		
		FY 17/18 Total = -				FY 18/19 Total = -				FY 19/20 Total = 8				FY 20/21 Total = 186				FY 21/22 Total = 189							
		Encumbered = -				Encumbered = -																			

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	83													8	8	5	5	18	18	8	8	5	5		
Construction	300																	150	150						
TOTAL	383													8	8	5	5	186	186			189	189		
		FY 17/18 Total = -				FY 18/19 Total = -				FY 19/20 Total = 8				FY 20/21 Total = 186				FY 21/22 Total = 189							
		Encumbered = -				Encumbered = -																			

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

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.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Bidding Priority : 1
 Date Originated : 3/8/17
 Last Revision : 3/8/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Project Name/Number : SR 408 and SR 429 Toll Plaza Air Conditioner Replacements # 599-732a
 Route Number : 408 / 429
 Project Category : Facilities Projects
 Work Description : Air Conditioner Replacements
 Design & Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	72			5	5	16	16	16	16																																
Construction	520					130	130	130	130																																
TOTAL	592																																								
		FY 17/18 Total =				301				FY 18/19 Total =				291				FY 19/20 Total =				-				FY 20/21 Total =				-				FY 21/22 Total =				-			
		Encumbered =				10				Encumbered =																															

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	74			5	5	16	16	16	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
Construction	531			-	-	133	133	133	133	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
TOTAL	604																																								
		FY 17/18 Total =				307				FY 18/19 Total =				297				FY 19/20 Total =				-				FY 20/21 Total =				-				FY 21/22 Total =				-			
		Encumbered =				10				Encumbered =																															

Remarks: EAL includes bidding, construction engineering & inspection, and administration.
 Includes SR 408 and SR 429 plazas air conditioning unit replacements. Includes the Dean and Forest Lake mainline toll plazas and 18 ramp toll plazas on SR 408 & SR 429.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : On-going Priority : 1
 Date Originated : 7/1/14
 Last Revision : 3/8/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Project Name/Number : Systemwide Air Conditioner Replacements and Upgrades # 599-7320
 Route Number : Systemwide
 Project Category : Facilities Projects
 Work Description : Air Conditioner Replacements
Design & Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	80									9	9	5	5	5	5	5	5	9	9	5	5	5	5		
Construction	200													40	40	40						40	40		
TOTAL	280																								
		FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		-				9				64				108				100							
		Encumbered =				-				-				-				-							

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	80									9	9	5	5	5	5	5	5	9	9	5	5	5	5		
Construction	200													40	40	40						40	40		
TOTAL	280																								
		FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		-				9				64				108				100							
		Encumbered =				-				-				-				-							

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

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

Locations to be determined.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Bidding
 Date Originated : 3/8/17
 Last Revision : 3/8/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Priority : 1

Project Name/Number : Roof Replacements for Toll Plazas on SR 417 # 417-744
 Route Number : 417
 Project Category : Facilities Projects
 Work Description : Roof Replacements
 Design & Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	58			5	5	24	24																																		
Construction	400					200	200																																		
TOTAL	458																																								
		FY 17/18 Total =				458				FY 18/19 Total =				-				FY 19/20 Total =				-				FY 20/21 Total =				-				FY 21/22 Total =				-			
		Encumbered =								Encumbered =																															

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	59			5	5	24	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																		
Construction	408					204	204	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																		
TOTAL	467																																								
		FY 17/18 Total =				467				FY 18/19 Total =				-				FY 19/20 Total =				-				FY 20/21 Total =				-				FY 21/22 Total =				-			
		Encumbered =								Encumbered =																															

Remarks: EAL includes construction engineering & inspection and administration.
 Includes replacement of toll plaza roofs on SR 417: Boggy Creek mainline, Boggy Creek on ramp, John Young Parkway on and off ramps, Orange Blossom Trail on and off ramps and Landstar Boulevard on ramp.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Bidding Priority : 1
 Date Originated : 3/8/17
 Last Revision : 3/8/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Project Name/Number : SR 408 Ramp Plazas Roof Replacements # -
 Route Number : 408
 Project Category : Facilities Projects
 Work Description : Roof Replacements
 Design & Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	78			15	15	24	24																																		
Construction	400					200	200																																		
TOTAL	478	FY 17/18 Total =				254				FY 18/19 Total =				224				FY 19/20 Total =				-				FY 20/21 Total =				-				FY 21/22 Total =				-			
		Encumbered =				Encumbered =				Encumbered =				Encumbered =				Encumbered =				Encumbered =				Encumbered =															

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	80			-	15	15	25	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
Construction	411			-	-	-	205	205	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
TOTAL	491	FY 17/18 Total =				260				FY 18/19 Total =				230				FY 19/20 Total =				-				FY 20/21 Total =				-				FY 21/22 Total =				-			
		Encumbered =				Encumbered =				Encumbered =				Encumbered =				Encumbered =				Encumbered =				Encumbered =															

Remarks: EAL includes design, bidding, construction engineering & inspection, and administration.
 Includes replacement of toll plaza roofs on SR 408: Pine Hills EB off ramp, Orange Blossom Trail on and off ramps and Old Winter Garden off ramp.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : On-going Priority : 1
 Date Originated : 7/1/14
 Last Revision : 3/8/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Project Name/Number : Systemwide Roof Replacements # -
 Route Number : Systemwide
 Project Category : Facilities Projects
 Work Description : Roof Replacements
Design & Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	160							15	15			5	5			5	5			5	5			5	5
Construction	800											100	100			100	100			100	100			100	100
TOTAL	960																								
		FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		-				240				240				240				240							
		Encumbered =				Encumbered =																			

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	160			-	-			-	-			15	15			5	5			5	5			5	5
Construction	800			-	-			-	-			100	100			100	100			100	100			100	100
TOTAL	960																								
		FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		-				240				240				240				240							
		Encumbered =				Encumbered =																			

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

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : No Activity
 Date Originated : 5/4/15
 Last Revision : 2/16/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Priority : 1

Project Name/Number : Systemwide Uninterrupted Power Supply (UPS) Replacements # -
 Route Number : Systemwide
 Project Category : Facilities Projects
 Work Description : UPS Replacements
 Installation

Project Schedule :

Activity	2017			2018			2019			2020			2021			2022		
Installation																		

Project Cost (in thousands \$) :

Activity	Totals \$	2017			2018			2019			2020			2021			2022														
EAL	50		3	3		3	3		3	3		3	3		3	3		3	3												
Installation	500		25	25		25	25		25	25		25	25		25	25		25	25												
TOTAL	550																														
		FY 17/18 Total =			110			FY 18/19 Total =			110			FY 19/20 Total =			110			FY 20/21 Total =			110			FY 21/22 Total =			110		
		Encumbered =						Encumbered =																							

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017			2018			2019			2020			2021			2022														
EAL	50		3	3		3	3		3	3		3	3		3	3		3	3												
Installation	500		25	25		25	25		25	25		25	25		25	25		25	25												
TOTAL	550																														
		FY 17/18 Total =			110			FY 18/19 Total =			110			FY 19/20 Total =			110			FY 20/21 Total =			110			FY 21/22 Total =			110		
		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.

Locations to be determined.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Design Priority : 1
 Date Originated : 3/8/17
 Last Revision : 3/8/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Project Name/Number : CFX Headquarters 1st & 3rd floor renovations # 599-4130
 Route Number : Headquarters
 Project Category : Facilities Projects
 Work Description : Building Modification
 Bidding & Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	99			5	5	44	44																																		
Construction	740					370	370																																		
TOTAL	839	FY 17/18 Total =				839				FY 18/19 Total =				-				FY 19/20 Total =				-				FY 20/21 Total =				-				FY 21/22 Total =				-			
		Encumbered =				Encumbered =																																			

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	101			5	5	45	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																		
Construction	755					378	378	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																		
TOTAL	856	FY 17/18 Total =				856				FY 18/19 Total =				-				FY 19/20 Total =				-				FY 20/21 Total =				-				FY 21/22 Total =				-			
		Encumbered =				Encumbered =																																			

Remarks: EAL includes design, bidding, construction engineering & inspection, and administration.
 Includes renovations to the 1st floor, 3rd floor and patio at CFX headquarters. Construction cost includes contingency.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : No Activity
 Date Originated : 5/4/15
 Last Revision : 2/15/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Priority : 1

Project Name/Number : Miscellaneous CFX Headquarters Improvements # -
 Route Number : Headquarters
 Project Category : Facilities Projects
 Work Description : Miscellaneous Projects
 Design & Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	260																								
Construction	1,000																								
TOTAL	1,260																								
		FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		-				315				315				315				315							
		Encumbered =				Encumbered =																			

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	260																								
Construction	1,000																								
TOTAL	1,260																								
		FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		-				315				315				315				315							
		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 : Concept Study Priority : 1
 Date Originated : 3/8/17
 Last Revision : 3/8/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Project Name/Number : Westside District Facility # -
 Route Number : -
 Project Category : Facilities Projects
 Work Description : District Facility
Design & Construction

Project Schedule :

Activity	2017			2018			2019			2020			2021			2022		
Concept Study																		
Design																		
Bidding																		
Construction																		

Project Cost (in thousands \$) :

Activity	Totals \$	2017			2018			2019			2020			2021			2022														
EAL	300		20	45	45	5	5	60	60	60																					
Construction	1,500							500	500	500																					
TOTAL	1,800																														
		FY 17/18 Total =			115			FY 18/19 Total =			1,685			FY 19/20 Total =			-			FY 20/21 Total =			-			FY 21/22 Total =			-		
		Encumbered =						Encumbered =																							

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017			2018			2019			2020			2021			2022														
EAL	308		20	46	46	5	5	62	62	62	-	-	-	-	-	-	-	-	-												
Construction	1,570							521	524	524	-	-	-	-	-	-	-	-	-												
TOTAL	1,878																														
		FY 17/18 Total =			116			FY 18/19 Total =			1,762			FY 19/20 Total =			-			FY 20/21 Total =			-			FY 21/22 Total =			-		
		Encumbered =						Encumbered =																							

Remarks: EAL includes concept study, design, bidding and construction engineering & inspection.
 Includes facility for Westside district.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Concept Study Priority : 1
 Date Originated : 3/8/17
 Last Revision : 3/8/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Project Name/Number : McCoy Road Eastside District Facility # -
 Route Number : -
 Project Category : Facilities Projects
 Work Description : District Facility
Design & Construction

Project Schedule :

Activity	2017			2018			2019			2020			2021			2022		
Design																		
Bidding																		
Construction																		

Project Cost (in thousands \$) :

Activity	Totals \$	2017			2018			2019			2020			2021			2022														
EAL	163		51	5	5	34	34	34																							
Construction	850					283	283	283																							
TOTAL	1,013																														
		FY 17/18 Total =			378			FY 18/19 Total =			635			FY 19/20 Total =			-			FY 20/21 Total =			-			FY 21/22 Total =			-		
		Encumbered =						Encumbered =																							

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017			2018			2019			2020			2021			2022														
EAL	166		51	5	5	35	35	35	-	-	-	-	-	-	-	-	-	-	-												
Construction	873		-	-	-	291	291	291	-	-	-	-	-	-	-	-	-	-	-												
TOTAL	1,039																														
		FY 17/18 Total =			387			FY 18/19 Total =			652			FY 19/20 Total =			-			FY 20/21 Total =			-			FY 21/22 Total =			-		
		Encumbered =						Encumbered =																							

Remarks: EAL includes design, bidding, construction engineering & inspection, and administration.
 Includes facility for Eastside district and utility adjustments/connections.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : On-going Priority : 1
 Date Originated : 4/29/02
 Last Revision : 2/13/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Project Name/Number : Regional ITS Partnership Projects # 599-536
 Route Number : Systemwide
 Project Category : Transportation Technology
 Work Description : Regional ITS Partnership Projects
Partnership Contributions

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Partnering Funds																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
Partnering Funds	540			45	45	45	45	45	45	45	45	45	45	45	45										
TOTAL	540	FY 17/18 Total = 180				FY 18/19 Total = 180				FY 19/20 Total = 180				FY 20/21 Total = -				FY 21/22 Total = -							
		Encumbered =				Encumbered =																			

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
Partnering Funds	540			45	45	45	45	45	45	45	45	45	45	45	45	-	-	-	-	-	-	-	-	-	-
TOTAL	540	FY 17/18 Total = 180				FY 18/19 Total = 180				FY 19/20 Total = 180				FY 20/21 Total = -				FY 21/22 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 : Design Priority : 1
 Date Originated : 6/27/13
 Last Revision : 2/13/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Project Name/Number : ITS Network Upgrade Phase II # 599-524
 Route Number : Systemwide
 Project Category : Transportation Technology
 Work Description : Re-splice Network Physical Architecture
 Design & Installation

Project Schedule :

Activity	2017			2018			2019			2020			2021			2022		
Design																		
Bidding																		
Installation																		

Project Cost (in thousands \$) :

Activity	Totals \$	2017			2018			2019			2020			2021			2022														
EAL	380		50	50	50	5	110	110																							
Installation	1,570						785	785																							
TOTAL	1,950																														
		FY 17/18 Total =			155			FY 18/19 Total =			1,795			FY 19/20 Total =			-			FY 20/21 Total =			-			FY 21/22 Total =			-		
		Encumbered =						Encumbered =																							

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017			2018			2019			2020			2021			2022														
EAL	389		50	50	50	5	114	114	-	-	-	-	-	-	-	-	-	-	-												
Installation	1,635		-	-	-	-	818	818	-	-	-	-	-	-	-	-	-	-	-												
TOTAL	2,024																														
		FY 17/18 Total =			155			FY 18/19 Total =			1,869			FY 19/20 Total =			-			FY 20/21 Total =			-			FY 21/22 Total =			-		
		Encumbered =						Encumbered =																							

Remarks: EAL includes bidding and construction engineering & inspection.
 Re-splice ITS network physical architecture; includes upgrade of existing ramp and mainline switches.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : No Activity
 Date Originated : 9/11/12
 Last Revision : 2/13/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -
 Priority : 1

Project Name/Number : Wekiva Parkway CCTV Deployment Sections 2A, 2B & 2C # -
 Route Number : Wekiva Parkway
 Project Category : Transportation Technology
 Work Description : CCTV Cameras
 Design & Installation

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Bidding																								
Installation																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	542			104	104	104	5	5	55	55	55	55			-										
Installation	1,628								407	407	407	407			0										
TOTAL	2,170	FY 16/17 Total =				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 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	556			-	105	105	105	5	5	58	58	58	58	-	-	-	-	-	-	-	-	-	-	-	-
Installation	1,708			-	-	-	-	-	-	427	427	427	427	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	2,264	FY 16/17 Total =				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.
 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 : No Activity
 Date Originated : 5/16/12
 Last Revision : 4/25/16
 Fund Source : SP
 Length (miles) : -
 From: - To: -
 Priority : 1

Project Name/Number : Advanced Expressway Operations Performance Measures # -
 Route Number : Systemwide
 Project Category : Transportation Technology
 Work Description : Enhancements to ITS Data Analysis Systems
 Implementation

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Implementation																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	100							25	25	25	25														
Implementation	1,200							300	300	300	300														
TOTAL	1,300																								
		FY 17/18 Total = -				FY 18/19 Total = 1,300				FY 19/20 Total = -				FY 20/21 Total = -				FY 21/22 Total = -							
		Encumbered =				Encumbered =																			

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	103			-	-	-	-	26	26	26	26	-	-	-	-	-	-	-	-	-	-	-	-		
Implementation	1,241			-	-	-	-	310	310	310	310	-	-	-	-	-	-	-	-	-	-	-	-		
TOTAL	1,345																								
		FY 17/18 Total = -				FY 18/19 Total = 1,345				FY 19/20 Total = -				FY 20/21 Total = -				FY 21/22 Total = -							
		Encumbered =				Encumbered =																			

Remarks: EAL includes construction engineering & inspection.

This project includes the development and implementation of systems and methods to provide advanced expressway operations performance measures.
 Includes Project 599-529, ITS Antennas on Turnpike.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Design Priority : 1
 Date Originated : 4/15/10
 Last Revision : 2/13/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Project Name/Number : Supplemental DCS and CCTV Deployment # 599-537
 Route Number : Systemwide
 Project Category : Transportation Technology
 Work Description : Deploy DCS and CCTV Cameras
 Design & Installation

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Bidding																								
Installation																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	830																																								
Installation	6,164																																								
TOTAL	6,994																																								
		FY 17/18 Total =				1,924				FY 18/19 Total =				5,070				FY 19/20 Total =				-				FY 20/21 Total =				-				FY 21/22 Total =				-			
		Encumbered =								Encumbered =																															

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	846																																								
Installation	6,332																																								
TOTAL	7,178																																								
		FY 17/18 Total =				1,970				FY 18/19 Total =				5,208				FY 19/20 Total =				-				FY 20/21 Total =				-				FY 21/22 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)
- 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 : Installation Priority : 1
 Date Originated : 3/11/15
 Last Revision : 5/3/16
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Project Name/Number : Wrong-Way Driving Countermeasures # 599-526
 Route Number : Systemwide
 Project Category : Transportation Technology
 Work Description : Wrong-Way Driving Countermeasures
 Design & Installation

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Bidding																								
Installation																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	360			75	100	25	5	5	50	50	50	50																													
Installation	3,000			750	750				500	500	500																														
TOTAL	3,360																																								
		FY 17/18 Total =				1,705				FY 18/19 Total =				1,655				FY 19/20 Total =				-				FY 20/21 Total =				-				FY 21/22 Total =				-			
		Encumbered =								Encumbered =																															

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	368			75	101	25	5	5	52	52	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
Installation	3,073			755	755	-	-	-	521	521	521	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
TOTAL	3,440																																								
		FY 17/18 Total =				1,717				FY 18/19 Total =				1,724				FY 19/20 Total =				-				FY 20/21 Total =				-				FY 21/22 Total =				-			
		Encumbered =								Encumbered =																															

Remarks: EAL includes design, permitting, bidding and construction engineering & inspection. For the first and second quarter of FY 17, EAL also includes \$150k 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 : No Activity
 Date Originated : 3/11/15
 Last Revision : 3/16/16
 Fund Source : SP
 Length (miles) : -
 From: - To: -
 Priority : 2

Project Name/Number : Transportation Technology Master Plan # -
 Route Number : Systemwide
 Project Category : Transportation Technology
 Work Description : Connected Vehicle Pilot Concept
 Concept

Project Schedule :

Activity	2017		2018		2019		2020		2021		2022	
Study												

Project Cost (in thousands \$) :

Activity	Totals \$	2017		2018		2019		2020		2021		2022	
EAL	200		100	100									
	-												
TOTAL	200	FY 17/18 Total = 200		FY 18/19 Total = -		FY 19/20 Total = -		FY 20/21 Total = -		FY 21/22 Total = -			
		Encumbered =		Encumbered =									

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017		2018		2019		2020		2021		2022	
EAL	200		100	100	-	-	-	-	-	-	-	-	-
	-		-	-	-	-	-	-	-	-	-	-	-
TOTAL	200	FY 17/18 Total = 200		FY 18/19 Total = -		FY 19/20 Total = -		FY 20/21 Total = -		FY 21/22 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 of connected vehicle deployment.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : No Activity
 Date Originated : 1/18/17
 Last Revision : 1/18/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -
 Priority : 1

Project Name/Number : Three-Line DMS Upgrade Program # -
 Route Number : Systemwide
 Project Category : Transportation Technology
 Work Description : New Full-Color DMS roadway signs
 Design & Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	2,786			112	112	112	5	5	285	285	122	5	285	285	122	5	285	285	122	5	117	117	117		
Construction	11,682								974	974	974		974	974	974		974	974	974		974	974	974		
TOTAL	14,468	FY 17/18 Total = 341				FY 18/19 Total = 3,617				FY 19/20 Total = 3,617				FY 20/21 Total = 3,617				FY 21/22 Total = 3,276							
		Encumbered =				Encumbered =																			

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% R/W Inflation rate = 8% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	2,971			113	113	113	5	5	296	296	127	5	304	304	130	5	312	312	133	5	131	131	131		
Construction	12,663			-	-	-	-	-	1,014	1,014	1,014	-	1,042	1,042	1,042	-	1,069	1,069	1,069	-	1,097	1,097	1,097		
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TOTAL	15,634	FY 17/18 Total = 343				FY 18/19 Total = 3,766				FY 19/20 Total = 3,868				FY 20/21 Total = 3,968				FY 21/22 Total = 3,689							
		Encumbered =				Encumbered =																			

Remarks: Design costs based on 10% of construction value and 1.5% for project management.

Each construction contract estimated at \$2,655k for each of four routes. Includes contingency.

CEI costs estimated at 12% of construction costs.

EAL includes design, project management support, and construction engineering & inspection.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : No Activity
 Date Originated : 1/18/17
 Last Revision : 1/18/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -
 Priority : 1

Project Name/Number : Field Ethernet Switch Replacement # -
 Route Number : Systemwide
 Project Category : Transportation Technology
 Work Description : IT Network switches
 Implementation

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Implementation																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
Implementation	755				151				151				151				151				151				151
	-																								
	-																								
TOTAL	755																								
		FY 17/18 Total = 151				FY 18/19 Total = 151				FY 19/20 Total = 151				FY 20/21 Total = 151				FY 21/22 Total = 151							
		Encumbered =				Encumbered =																			

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% R/W Inflation rate = 8% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
Implementation	806			-	153	-	-	-	157	-	-	-	161	-	-	-	165	-	-	-	170	-	-	-	
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL	806																								
		FY 17/18 Total = 153				FY 18/19 Total = 157				FY 19/20 Total = 161				FY 20/21 Total = 165				FY 21/22 Total = 170							
		Encumbered =				Encumbered =																			

Remarks: Switch replacements estimated at \$150k for each year of the four-year projects, scheduled around the time of each year's installation.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : No Activity
 Date Originated : 1/18/17
 Last Revision : 1/18/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Priority : 1

Project Name/Number : Sunguide Virtual Server Environment Upgrade # -
 Route Number : Systemwide
 Project Category : Transportation Technology
 Work Description : New Server
 Installation

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Installation																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
Installation	500			455	45																				
TOTAL	500	FY 17/18 Total = 500				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -				FY 21/22 Total = -							
		Encumbered =				Encumbered =																			

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% R/W Inflation rate = 8% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
Installation	500			455	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	500	FY 17/18 Total = 500				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -				FY 21/22 Total = -							
		Encumbered =				Encumbered =																			

Remarks: EAL includes hardware and software including SAN (Storage Area Network) Storage
 3 ESXi Servers CFX HQ Data Center & 3 ESXi Servers in Hiawassee Data Center, 2 Standalone Servers in each Data Center

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : No Activity
 Date Originated : 3/28/17
 Last Revision : 3/28/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -
 Priority : 1

Project Name/Number : Security Cameras - Plazas, Ramps, and Service Centers # -
 Route Number : Systemwide
 Project Category : Transportation Technology
 Work Description : Security Cameras
 Design & Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	92							50	14	14	14														
Construction	408								136	136	136														
TOTAL	500																								
		FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		Encumbered =				Encumbered =																			

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% R/W Inflation rate = 8% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	95							52	14	14	14														
Construction	425								142	142	142														
TOTAL	520																								
		FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		Encumbered =				Encumbered =																			

Remarks: Locations to be determined.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Implementation Priority : 1
 Date Originated : 5/31/06
 Last Revision : 2/13/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Project Name/Number : Toll Collection System Upgrade # 599-902
 Route Number : Systemwide
 Project Category : Information Technology
 Work Description : Hardware & Software
 Implementation, Testing, & Maintenance

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Implementation																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	8,125			740	740	740	740	754	754	754	754	649	604	604	292																										
Implementation	43,869			9,248	6,183	6,183	6,183	3,663	3,663	3,663	3,663	355	355	355	355																										
TOTAL	51,994																																								
		FY 17/18 Total =				30,757				FY 18/19 Total =				17,668				FY 19/20 Total =				3,569				FY 20/21 Total =				-				FY 21/22 Total =				-			
		Encumbered =				30,757				Encumbered =				17,668																											

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	8,125			740	740	740	740	754	754	754	754	649	604	604	292	-	-	-	-	-	-	-	-																		
Implementation	43,869			9,248	6,183	6,183	6,183	3,663	3,663	3,663	3,663	355	355	355	355	-	-	-	-	-	-	-	-																		
TOTAL	51,994																																								
		FY 17/18 Total =				30,757				FY 18/19 Total =				17,668				FY 19/20 Total =				3,569				FY 20/21 Total =				-				FY 21/22 Total =				-			
		Encumbered =				30,757				Encumbered =				17,668																											

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 : No Activity
 Date Originated : 3/17/15
 Last Revision : 2/16/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Priority : 1

Project Name/Number : IT Software - Hardware Replacements & Upgrades # 599-5330
 Route Number : Systemwide
 Project Category : Information Technology
 Work Description : Hardware & Software
 Design & Implementation

Project Schedule :

Activity	2017		2018		2019		2020		2021		2022	
Design												
Implementation												

Project Cost (in thousands \$) :

Activity	Totals \$	2017		2018		2019		2020		2021		2022	
EAL	240	60	60	60	60								
Implementation	1,000	250	250	250	250								
	-												
TOTAL	1,240	FY 17/18 Total =		1,240		FY 18/19 Total =		-		FY 19/20 Total =		-	
		Encumbered =				Encumbered =				FY 20/21 Total =		-	
		FY 21/22 Total =				FY 21/22 Total =				FY 21/22 Total =		-	

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017		2018		2019		2020		2021		2022	
EAL	240	60	60	60	60	-	-	-	-	-	-	-	-
Implementation	1,000	250	250	250	250	-	-	-	-	-	-	-	-
TOTAL	1,240	FY 17/18 Total =		1,240		FY 18/19 Total =		-		FY 19/20 Total =		-	
		Encumbered =				Encumbered =				FY 20/21 Total =		-	
		FY 21/22 Total =				FY 21/22 Total =				FY 21/22 Total =		-	

Remarks: EAL includes design.

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 (Storage Area Network) 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 : No Activity
 Date Originated : 3/17/15
 Last Revision : 2/13/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -
 Priority : 1

Project Name/Number : E-PASS Back Office Update # 599-5320
 Route Number : Systemwide
 Project Category : Information Technology
 Work Description : Hardware & Software
 Design & Implementation

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Implementation																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	3,200			320	320	320	320	320	320	320	320	320	320																												
Implementation	16,442			2,543	2,543	1,418	1,418	1,418	1,418	1,421	1,421	1,421	1,421																												
	-																																								
TOTAL	19,642																																								
		FY 17/18 Total =				9,202				FY 18/19 Total =				6,958				FY 19/20 Total =				3,482				FY 20/21 Total =				-				FY 21/22 Total =				-			
		Encumbered =								Encumbered =																															

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	3,200			320	320	320	320	320	320	320	320	320	320	-	-	-	-	-	-	-	-	-	-	-	-																
Implementation	16,442			2,543	2,543	1,418	1,418	1,418	1,418	1,421	1,421	1,421	1,421	-	-	-	-	-	-	-	-	-	-	-	-																
TOTAL	19,642																																								
		FY 17/18 Total =				9,202				FY 18/19 Total =				6,958				FY 19/20 Total =				3,482				FY 20/21 Total =				-				FY 21/22 Total =				-			
		Encumbered =								Encumbered =																															

Remarks: EAL includes design and implementation oversight.

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

Back Office Update: Hardware, Software, Licenses and Programmers.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : No Activity
 Date Originated : 1/18/17
 Last Revision : 2/3/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -
 Priority : 1

Project Name/Number : Financial / Accounting Software Replacement # -
 Route Number : Systemwide
 Project Category : Information Technology
 Work Description : Software Design

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	160					40	40	40	40																																
Software	500					500																																			
TOTAL	660																																								
		FY 17/18 Total =				580				FY 18/19 Total =				80				FY 19/20 Total =				-				FY 20/21 Total =				-				FY 21/22 Total =				-			
		Encumbered =								Encumbered =																															

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% R/W Inflation rate = 8% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	163					-	-	41	41	41	41	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
Software	514					-	-	-	514	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
TOTAL	677																																								
		FY 17/18 Total =				595				FY 18/19 Total =				82				FY 19/20 Total =				-				FY 20/21 Total =				-				FY 21/22 Total =				-			
		Encumbered =								Encumbered =																															

Remarks: EAL includes staff and consultant costs for specifications, configuration and software package testing.
 Software includes estimated cost for commercial off the shelf accounting software and licenses.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Design Priority : 1
 Date Originated : 1/18/17
 Last Revision : 3/28/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Project Name/Number : E-PASS Service Center Relocations and Buildout # -
 Route Number : Systemwide
 Project Category : Information Technology
 Work Description : Building Modification
 Design & Construction

Project Schedule :

Activity	2017			2018			2019			2020			2021			2022		
Design																		
Bidding																		
Construction																		

Project Cost (in thousands \$) :

Activity	Totals \$	2017			2018			2019			2020			2021			2022														
EAL	120		25	3		2	15	15		25	3		2	15	15																
Construction	500						125	125					125	125																	
Other	60						15	15					15	15																	
TOTAL	680																														
		FY 17/18 Total =			185			FY 18/19 Total =			155			FY 19/20 Total =			30			FY 20/21 Total =			310			FY 21/22 Total =			-		
		Encumbered =						Encumbered =																							

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% R/W Inflation rate = 8% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017			2018			2019			2020			2021			2022														
EAL	125		25	3		2	15	15		-	-		27	3		2	16	16		-	-		-	-		-	-				
Construction	530						128	128									136	136													
Other	63						15	15									16	16													
TOTAL	718																														
		FY 17/18 Total =			189			FY 18/19 Total =			159			FY 19/20 Total =			32			FY 20/21 Total =			338			FY 21/22 Total =			-		
		Encumbered =						Encumbered =																							

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

Two construction contracts of \$250k each for two service center relocations.

"Other" is for relocation and/or provision for new system hardware and furnishings.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Design Priority : 1
 Date Originated : 1/18/17
 Last Revision : 1/18/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Project Name/Number : Reload Lane Expansion Program # -
 Route Number : Systemwide
 Project Category : Information Technology
 Work Description : Striping and Signage
 Design & Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	20			20																					
Construction	150			75	75																				
TOTAL	170	FY 17/18 Total = 170				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -				FY 21/22 Total = -							
		Encumbered =				Encumbered =																			

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% R/W Inflation rate = 8% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	20			20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Construction	151			76	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	171	FY 17/18 Total = 171				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -				FY 21/22 Total = -							
		Encumbered =				Encumbered =																			

Remarks: EAL includes oversight and revision updates to Toll Revenue Information Management System (TRIMS) software in reload lanes.
 Includes toll systems integrator work to integrate new features and hardware, and the new hardware and software, for about \$50k / direction, or \$100k per plaza.
 Work includes canopy lane sign change, booth equipment change and new Reload Terminals and software.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Bidding Priority : 1
 Date Originated : 6/20/14
 Last Revision : 2/16/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Project Name/Number : Central Florida Expressway Authority Logo Replacement # 599-626
 Route Number : Systemwide
 Project Category : Signing and Pavement Markings
 Work Description : Signing
 Bidding & Construction

Project Schedule :

Activity	2017			2018			2019			2020			2021			2022		
Bidding																		
Construction																		

Project Cost (in thousands \$) :

Activity	Totals \$	2017			2018			2019			2020			2021			2022		
EAL	185		5	90	90														
Construction	1,500			750	750														
TOTAL	1,685	FY 17/18 Total =			1,685			FY 18/19 Total =			-			FY 19/20 Total =			-		
		Encumbered =			5			Encumbered =											

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017			2018			2019			2020			2021			2022		
EAL	187		5	91	91	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Construction	1,520			760	760	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	1,708	FY 17/18 Total =			1,708			FY 18/19 Total =			-			FY 19/20 Total =			-		
		Encumbered =			1,708			Encumbered =											

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

Advertise March 3, 2017; Contract Time 120 Days

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Design Priority : 1
 Date Originated : 3/13/16
 Last Revision : 2/16/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Project Name/Number : SR 408 Guide Sign Replacement # 428-6280
 Route Number : SR 408
 Project Category : Signing and Pavement Markings
 Work Description : Signing
 Design & Construction

Project Schedule :

Activity	2017			2018			2019			2020			2021			2022		
Design																		
Bidding																		
Construction																		

Project Cost (in thousands \$) :

Activity	Totals \$	2017			2018			2019			2020			2021			2022														
EAL	250		60	5	5	60	60																								
Construction	1,500				500	500	500																								
TOTAL	1,750	FY 17/18 Total =			630			FY 18/19 Total =			1,120			FY 19/20 Total =			-			FY 20/21 Total =			-			FY 21/22 Total =			-		
		Encumbered =			60			Encumbered =																							

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017			2018			2019			2020			2021			2022														
EAL	255		60	5	5	62	62	-	-	-	-	-	-	-	-	-	-	-	-												
Construction	1,541		-	-	-	514	514	-	-	-	-	-	-	-	-	-	-	-	-												
TOTAL	1,796	FY 17/18 Total =			645			FY 18/19 Total =			1,150			FY 19/20 Total =			-			FY 20/21 Total =			-			FY 21/22 Total =			-		
		Encumbered =						Encumbered =																							

Remarks: EAL includes design, bidding, construction engineering & inspection, administration, 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 on overhead signs.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : No Activity
 Date Originated : 3/13/16
 Last Revision : 2/13/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Priority : 1

Project Name/Number : SR 417 Guide Sign Replacement # -
 Route Number : SR 417
 Project Category : Signing and Pavement Markings
 Work Description : Signing
 Design & Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	310																								
Construction	1,500																								
TOTAL	1,810																								
		FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		Encumbered =				Encumbered =																			

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	323																								
Construction	1,585																								
TOTAL	1,908																								
		FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		Encumbered =				Encumbered =																			

Remarks: EAL includes design, bidding, construction engineering & inspection, administration, and post-design services.
 Project Limits: International Drive to Moss Park excluding areas subject to widening projects. Includes LED lights on overhead signs.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : No Activity
 Date Originated : 3/13/16
 Last Revision : 2/13/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Priority : 1

Project Name/Number : SR 414 Guide Sign Replacement # -
 Route Number : SR 414
 Project Category : Signing and Pavement Markings
 Work Description : Signing
 Design & Construction

Project Schedule :

Activity	2017			2018			2019			2020			2021			2022		
Design																		
Bidding																		
Construction																		

Project Cost (in thousands \$) :

Activity	Totals \$	2017			2018			2019			2020			2021			2022			
EAL	310							60	60	5	5	60	60	60						
Construction	1,500											500	500	500						
TOTAL	1,810																			
		FY 17/18 Total =			FY 18/19 Total =			FY 19/20 Total =			FY 20/21 Total =			FY 21/22 Total =						
		-			60			630			1,120			-						
		Encumbered =			Encumbered =															

Cash Flow Inflated (in thousands \$) :

Base Inflation Rate = 2.6%

Const. Inflation Rates =

FY 2018 2.7%

FY 2019 2.8%

FY 2020 2.6%

FY 2021 2.5%

FY 2022 2.7%

Activity	Totals \$	2017			2018			2019			2020			2021			2022			
EAL	332							63	63	5	5	65	65	65						
Construction	1,626											542	542	542						
TOTAL	1,958																			
		FY 17/18 Total =			FY 18/19 Total =			FY 19/20 Total =			FY 20/21 Total =			FY 21/22 Total =						
		-			63			681			1,214			-						
		Encumbered =			Encumbered =															

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

Project Limits SR 451 to SR 441. Includes LED lights on overhead signs.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : On-going Priority : 2
 Date Originated : 3/1/95
 Last Revision : 2/16/17
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Project Name/Number : Systemwide Miscellaneous Signing and Pavement Markings #
 Route Number : Systemwide
 Project Category : Signing and Pavement Markings
 Work Description : Signing & Pavement Markings
Design & Construction
(Projects to be determined)

Project Schedule :

Activity	2017			2018			2019			2020			2021			2022		
Design																		
Bidding																		
Construction																		

Project Cost (in thousands \$) :

Activity	Totals \$	2017			2018			2019			2020			2021			2022														
EAL	150		10	5	5	10	10	5	10	10	5	10	10	5	10	10	5	10	10												
Construction	525					75			75			75			150			150													
TOTAL	675																														
		FY 17/18 Total =			105			FY 18/19 Total =			105			FY 19/20 Total =			105			FY 20/21 Total =			180			FY 21/22 Total =			180		
		Encumbered =						Encumbered =																							

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017			2018			2019			2020			2021			2022														
EAL	150		10	5	5	10	10	5	10	10	5	10	10	5	10	10	5	10	10												
Construction	525		-	-	-	75	-	-	75	-	-	75	-	-	150	-	-	150	-												
TOTAL	675																														
		FY 17/18 Total =			105			FY 18/19 Total =			105			FY 19/20 Total =			105			FY 20/21 Total =			180			FY 21/22 Total =			180		
		Encumbered =						Encumbered =																							

Remarks: EAL includes design, bidding, construction engineering & inspection, administration, 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 : No Activity
 Date Originated : 3/13/16
 Last Revision : 2/17/17
 Fund Source : RR
 Length (miles) : 4.2
 From: SR 528 To: Curry Ford Rd.

Priority : 1

Project Name/Number : SR 417 Resurfacing # -
 Route Number : SR 417
 Project Category : Renewal & Replacement Projects
 Work Description : Mill & Resurface
 Design & Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	2,800													465	465	5	5	620	620	620					
Construction	15,500																	5,167	5,167	5,167					
TOTAL	18,300																								
		FY 17/18 Total = -				FY 18/19 Total = -				FY 19/20 Total = 930				FY 20/21 Total = 11,583				FY 21/22 Total = 5,787							
		Encumbered =				Encumbered =																			

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	3,059													499	499	5	5	683	683	683					
Construction	17,120																	5,707	5,707	5,707					
TOTAL	20,180																								
		FY 17/18 Total = -				FY 18/19 Total = -				FY 19/20 Total = 999				FY 20/21 Total = 12,791				FY 21/22 Total = 6,390							
		Encumbered =				Encumbered =																			

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

Includes replacement of single post signs within resurfacing limits.

Estimated total construction cost (2017 \$): \$15.5 M

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : No Activity
 Date Originated : 3/13/16
 Last Revision : 2/17/17
 Fund Source : RR
 Length (miles) : 1.6
 From: SR 408 To: SR 50
 Priority : 1

Project Name/Number : SR 417 Resurfacing # -
 Route Number : SR 417
 Project Category : Renewal & Replacement Projects
 Work Description : Mill & Resurface
 Design & Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	1,270																								
Construction	7,000																								
TOTAL	8,270																								
		FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		-				-				425				7,845				-							
		Encumbered =				Encumbered =																			

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	1,379																								
Construction	7,684																								
TOTAL	9,062																								
		FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		-				-				454				8,609				-							
		Encumbered =				Encumbered =																			

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

Includes replacement of single post signs within resurfacing limits.

Estimated total construction cost (2017 \$): \$7 M

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Construction Priority : 1
 Date Originated : 4/23/12
 Last Revision : 2/16/17
 Fund Source : RR
 Length (miles) : 8.4
 From: Seidel Road To: CR 535

Project Name/Number : SR 429 Resurfacing # 429-739
 Route Number : SR 429
 Project Category : Renewal & Replacement Projects
 Work Description : Mill & Resurface
 Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	552			336	216																				
Construction	4,600			2,800	1,800																				
TOTAL	5,152	FY 17/18 Total = 5,152				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -				FY 21/22 Total = -							
		Encumbered = 5,152				Encumbered =																			

Cash Flow Inflated (in thousands \$) : Base Inflation rate = 2.6% Construction Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	552			336	216	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Construction	4,600			2,800	1,800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	5,152	FY 17/18 Total = 5,152				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -				FY 21/22 Total = -							
		Encumbered = 5,152				Encumbered =																			

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

Includes replacement of single post signs within resurfacing limits.

Construction Contract Amount: \$9,775,561.91 Construction cost above includes a contingency.

Construction NTP/Expiration Date: 1/3/2017 Thru 11/28/2017

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : No Activity
 Date Originated : 6/17/14
 Last Revision : 2/17/17
 Fund Source : RR
 Length (miles) : 3.8
 From: SR 429 To: West of Keene Rd.
 Priority : 1

Project Name/Number : SR 414 Resurfacing # -
 Route Number : SR 414
 Project Category : Renewal & Replacement Projects
 Work Description : Mill & Resurface
 Design & Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	2,620									435	435	5	5	580	580	580									
Construction	14,500													4,833	4,833	4,833									
TOTAL	17,120	FY 17/18 Total = -				FY 18/19 Total = 870				FY 19/20 Total = 10,837				FY 20/21 Total = 5,413				FY 21/22 Total = -							
Encumbered =		Encumbered =				Encumbered =				Encumbered =				Encumbered =				Encumbered =							

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	2,790			-	-	-	-	-	-	455	455	5	5	623	623	623	-	-	-	-	-	-	-	-	
Construction	15,618			-	-	-	-	-	-	-	-	-	-	5,206	5,206	5,206	-	-	-	-	-	-	-	-	
TOTAL	18,407	FY 17/18 Total = -				FY 18/19 Total = 910				FY 19/20 Total = 11,668				FY 20/21 Total = 5,829				FY 21/22 Total = -							
Encumbered =		Encumbered =				Encumbered =				Encumbered =				Encumbered =				Encumbered =							

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

Includes replacement of single post signs within resurfacing limits.

Estimated total construction cost (2017 \$): \$14.5 M

Central Florida Expressway Authority
Five-Year Work Plan
Project Information

Current Status : Design Priority : 1
 Date Originated : 4/23/12
 Last Revision : 2/16/17
 Fund Source : RR
 Length (miles) : 3.9
 From: West SR 50 To: Ortman/Mercy Dr.

Project Name/Number : SR 408 Resurfacing # 408-742
 Route Number : SR 408
 Project Category : Renewal & Replacement Projects
 Work Description : Mill & Resurface
 Partial Design & Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022				
EAL	2,260			450	5	5	450	450	450	450																
Construction	15,000						3,750	3,750	3,750	3,750																
TOTAL	17,260					FY 17/18 Total = 4,660				FY 18/19 Total = 12,600				FY 19/20 Total = -				FY 20/21 Total = -				FY 21/22 Total = -				
		Encumbered =				Encumbered =																				

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates =

FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
2.7%	2.8%	2.6%	2.5%	2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022				
EAL	2,307			450	5	5	462	462	462	462	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Construction	15,409			-	-	-	3,852	3,852	3,852	3,852	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	17,716					FY 17/18 Total = 4,774				FY 18/19 Total = 12,942				FY 19/20 Total = -				FY 20/21 Total = -				FY 21/22 Total = -				
		Encumbered =				Encumbered =																				

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

Includes replacement of single post signs within resurfacing limits.
Exempts the limits of SR 408 from Good Homes Road to Hiawasse Road, which will be resurfaced as part of the SR 408 widening project (408-127).
Estimated total construction cost (2017 \$): \$15 M

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Design Priority : 1
 Date Originated : 4/23/12
 Last Revision : 2/16/17
 Fund Source : RR
 Length (miles) : 3.2
 From: Ortman/Mercy Dr. To: I-4

Project Name/Number : SR 408 Resurfacing # 408-742
 Route Number : SR 408
 Project Category : Renewal & Replacement Projects
 Work Description : Mill & Resurface
 Partial Design & Construction

Project Schedule :

Activity	2017			2018			2019			2020			2021			2022		
Design																		
Bidding																		
Construction																		

Project Cost (in thousands \$) :

Activity	Totals \$	2017			2018			2019			2020			2021			2022														
EAL	1,510																														
Construction	10,000																														
TOTAL	11,510	FY 17/18 Total =			4,043			FY 18/19 Total =			7,467			FY 19/20 Total =			-			FY 20/21 Total =			-			FY 21/22 Total =			-		
		Encumbered =						Encumbered =																							

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017			2018			2019			2020			2021			2022														
EAL	1,542																														
Construction	10,273																														
TOTAL	11,814	FY 17/18 Total =			4,145			FY 18/19 Total =			7,670			FY 19/20 Total =			-			FY 20/21 Total =			-			FY 21/22 Total =			-		
		Encumbered =						Encumbered =																							

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

Includes replacement of single post signs within resurfacing limits.

Exempts the I-4 Ultimate Project limits (Westbound : Texas Ave to I-4, Eastbound: Westmoreland Drive to I-4).

Estimated total construction cost (2017 \$): \$10 M

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Bidding Priority : 1
 Date Originated : 7/3/13
 Last Revision : 2/17/17
 Fund Source : RR
 Length (miles) : 1.8
 From: Lake Underhill Bridge To: Yucatan Drive

Project Name/Number : SR 408 Resurfacing # 408-739
 Route Number : SR 408
 Project Category : Renewal & Replacement Projects
 Work Description : Mill & Resurface
 Bidding & Construction

Project Schedule :

Activity	2017			2018			2019			2020			2021			2022		
Bidding																		
Construction																		
Toll Equipment																		

Project Cost (in thousands \$) :

Activity	Totals \$	2017			2018			2019			2020			2021			2022														
EAL	1,150		5	5	380	380	380																								
Construction	9,500				3,167	3,167	3,167																								
Toll Equipment	-						0																								
TOTAL	10,650	FY 17/18 Total =			7,103			FY 18/19 Total =			3,547			FY 19/20 Total =			-			FY 20/21 Total =			-			FY 21/22 Total =			-		
		Encumbered =			Encumbered =																										

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017			2018			2019			2020			2021			2022														
EAL	1,172		5	5	387	387	387	-	-	-	-	-	-	-	-	-	-	-	-												
Construction	9,694		-	-	3,231	3,231	3,231	-	-	-	-	-	-	-	-	-	-	-	-												
Toll Equipment	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
TOTAL	10,866	FY 17/18 Total =			7,247			FY 18/19 Total =			3,619			FY 19/20 Total =			-			FY 20/21 Total =			-			FY 21/22 Total =			-		
		Encumbered =			Encumbered =																										

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

Includes replacement of single post signs within resurfacing limits.

Includes adding the 4th Automatic Vehicle Identification (AVI) lane at the Conway Mainline Plaza. Toll equipment costs included in the Toll Collection System Upgrade.

Estimated total construction cost (2017 \$): \$9.5 M

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : No Activity
 Date Originated : 3/13/16
 Last Revision : 2/17/17
 Fund Source : RR
 Length (miles) : 2.6
 From: Yucatan Drive To: SR 417
 Priority : 1

Project Name/Number : SR 408 Resurfacing # -
 Route Number : SR 408
 Project Category : Renewal & Replacement Projects
 Work Description : Mill & Resurface
 Design & Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	2,170					360	360	5	5	480	480	480													
Construction	12,000									4,000	4,000	4,000													
TOTAL	14,170	FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		Encumbered =				Encumbered =																			

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	2,251			-	-	367	367	5	5	502	502	502	-	-	-	-	-	-	-	-	-	-	-	-	-
Construction	12,588			-	-	-	-	-	-	4,196	4,196	4,196	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	14,839	FY 17/18 Total =				FY 18/19 Total =				FY 19/20 Total =				FY 20/21 Total =				FY 21/22 Total =							
		Encumbered =				Encumbered =																			

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

Includes replacement of single post signs within resurfacing limits.

Estimated total construction cost (2017 \$): \$12 M

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : No Activity
 Date Originated : 4/27/12
 Last Revision : 2/17/17
 Fund Source : RR
 Length (miles) : 5.8
 From: SR 417 To: Innovation Way / SR 417 Dowden Road
 Priority : 1

Project Name/Number : SR 528 Resurfacing # -
 Route Number : SR 528
 Project Category : Renewal & Replacement Projects
 Work Description : Mill & Resurface
 Design & Construction

Project Schedule :

Activity	2017			2018			2019			2020			2021			2022		
Design																		
Bidding																		
Construction																		

Project Cost (in thousands \$) :

Activity	Totals \$	2017			2018			2019			2020			2021			2022														
EAL	3,070		510	510	5	5	680	680	680																						
Construction	17,000						5,667	5,667	5,667																						
TOTAL	20,070																														
		FY 17/18 Total =			1,030			FY 18/19 Total =			19,040			FY 19/20 Total =			-			FY 20/21 Total =			-			FY 21/22 Total =			-		
		Encumbered =						Encumbered =																							

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017			2018			2019			2020			2021			2022														
EAL	3,144		513	513	5	5	702	702	702	-	-	-	-	-	-	-	-	-													
Construction	17,586						5,862	5,862	5,862																						
TOTAL	20,730																														
		FY 17/18 Total =			1,037			FY 18/19 Total =			19,693			FY 19/20 Total =			-			FY 20/21 Total =			-			FY 21/22 Total =			-		
		Encumbered =						Encumbered =																							

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

Includes SR 417 resurfacing from Dowden Road to SR 528.

Includes replacement of single post signs within resurfacing limits.

Estimated total construction cost (2017 \$): \$17 M

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : On-going Priority : 1
 Date Originated : 9/4/12
 Last Revision : 2/13/17
 Fund Source : RR
 Length (miles) : -
 From: - To: -

Project Name/Number : Miscellaneous Drainage and Stormwater Projects # -
 Route Number : Systemwide
 Project Category : Renewal & Replacement Projects
 Work Description : Drainage and Stormwater
Design & Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	300			25	25	5	5	25	25	5	5	25	25	5	5	25	25	5	5	25	25	5	5		
Construction	1,000							125	125			125	125			125	125			125	125				
TOTAL	1,300	FY 17/18 Total = 60				FY 18/19 Total = 310				FY 19/20 Total = 310				FY 20/21 Total = 310				FY 21/22 Total = 310							
		Encumbered =				Encumbered =																			

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	300			25	25	5	5	25	25	5	5	25	25	5	5	25	25	5	5	25	25	5	5		
Construction	1,000			-	-	-	-	125	125	-	-	125	125	-	-	125	125	-	-	125	125	-	-		
TOTAL	1,300	FY 17/18 Total = 60				FY 18/19 Total = 310				FY 19/20 Total = 310				FY 20/21 Total = 310				FY 21/22 Total = 310							
		Encumbered =				Encumbered =																			

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

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : On-going Priority : 1
 Date Originated : 3/1/95
 Last Revision : 2/13/17
 Fund Source : RR
 Length (miles) : -
 From: - To: -

Project Name/Number : Systemwide Bridge Projects # -
 Route Number : Systemwide
 Project Category : Renewal & Replacement Projects
 Work Description : Misc. Structural Projects
Design & Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022						
EAL	355			42	5	5	21	21	42	5	5	21	21	42	5	5	21	21	42	5	5	21	21	42	5	5	21	21
Construction	1,190						170	170																				
TOTAL	1,545	FY 17/18 Total = 52				FY 18/19 Total = 429				FY 19/20 Total = 429				FY 20/21 Total = 392				FY 21/22 Total = 243										
		Encumbered =				Encumbered =																						

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022							
EAL	355			-	42	5	5	21	21	42	5	5	21	21	42	5	5	21	21	42	5	5	21	21	42	5	5	21	21
Construction	1,190			-	-	-	-	170	170	-	-	-	170	170	-	-	-	170	170	-	-	-	170	170	-	-	-	170	170
TOTAL	1,545	FY 17/18 Total = 52				FY 18/19 Total = 429				FY 19/20 Total = 429				FY 20/21 Total = 392				FY 21/22 Total = 243											
		Encumbered =				Encumbered =																							

Remarks: EAL includes design, bidding, construction engineering & inspection, administration, 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.
 Projects to be determined.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Design Priority : 1
 Date Originated : 3/8/17
 Last Revision : 3/8/17
 Fund Source : RR
 Length (miles) : 18.3
 From: Good Homes Road To: I-4

Project Name/Number : Systemwide Coatings SR 408 # 599-734
 Route Number : 408
 Project Category : Renewal & Replacement Projects
 Work Description : Painting & Inspections
 Design & Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	557			5	276	276																			
Construction	4,600				2,300	2,300																			
TOTAL	5,157	FY 17/18 Total = 5,157				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -				FY 21/22 Total = -							
		Encumbered =				Encumbered =																			

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	557			5	276	276	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Construction	4,662				2,331	2,331	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	5,219	FY 17/18 Total = 5,219				FY 18/19 Total = -				FY 19/20 Total = -				FY 20/21 Total = -				FY 21/22 Total = -							
		Encumbered =				Encumbered =																			

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

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : Design Priority : 1
 Date Originated : 4/1/01
 Last Revision : 2/13/17
 Fund Source : RR
 Length (miles) : -
 From: - To: -

Project Name/Number : Systemwide Coatings # 599-734
 Route Number : Systemwide
 Project Category : Renewal & Replacement Projects
 Work Description : Painting & Inspections
 Design & Construction

Project Schedule :

Activity	2017			2018			2019			2020			2021			2022		
Design																		
Bidding																		
Construction																		

Project Cost (in thousands \$) :

Activity	Totals \$	2017			2018			2019			2020			2021			2022														
EAL	1,920				150	5	5	240	240	150	5	5	240	240	150	5	5	240	240												
Construction	12,000							2,000	2,000				2,000	2,000				2,000	2,000												
TOTAL	13,920																														
		FY 17/18 Total =			150			FY 18/19 Total =			4,490			FY 19/20 Total =			160			FY 20/21 Total =			4,630			FY 21/22 Total =			4,490		
		Encumbered =						Encumbered =						Encumbered =						Encumbered =											

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017			2018			2019			2020			2021			2022														
EAL	1,920																														
Construction	12,000																														
TOTAL	13,920																														
		FY 17/18 Total =			150			FY 18/19 Total =			4,490			FY 19/20 Total =			160			FY 20/21 Total =			4,630			FY 21/22 Total =			4,490		
		Encumbered =						Encumbered =						Encumbered =						Encumbered =											

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

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : No Activity
 Date Originated : 4/1/97
 Last Revision : 2/13/17
 Fund Source : RR
 Length (miles) : -
 From: - To: -

Priority : 1

Project Name/Number : Systemwide Fence Projects # 599-7370
 Route Number : Systemwide
 Project Category : Renewal & Replacement Projects
 Work Description : Fencing Replacement
 Construction

Project Schedule :

Activity	2017			2018			2019			2020			2021			2022		
Design																		
Bidding																		
Construction																		

Project Cost (in thousands \$) :

Activity	Totals \$	2017			2018			2019			2020			2021			2022														
EAL	225		15	5	5	20	15	5	20	15	5	20	15	5	20	15	5	20													
Construction	1,150					230			230			230			230			230													
TOTAL	1,375																														
		FY 17/18 Total =			275			FY 18/19 Total =			275			FY 19/20 Total =			275			FY 20/21 Total =			275			FY 21/22 Total =			275		
		Encumbered =						Encumbered =																							

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017			2018			2019			2020			2021			2022														
EAL	225		15	5	5	20	15	5	20	15	5	20	15	5	20	15	5	20													
Construction	1,150		-	-	-	230	-	-	230	-	-	230	-	-	230	-	-	230													
TOTAL	1,375																														
		FY 17/18 Total =			275			FY 18/19 Total =			275			FY 19/20 Total =			275			FY 20/21 Total =			275			FY 21/22 Total =			275		
		Encumbered =						Encumbered =																							

Remarks: EAL includes design, bidding, construction engineering & inspection, administration, 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.
 Projects to be determined

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : No Activity
 Date Originated : 4/1/97
 Last Revision : 2/13/17
 Fund Source : RR
 Length (miles) : -
 From: - To: -

Priority : 1

Project Name/Number : Systemwide Bridge Joint & Approach Slab Projects # -
 Route Number : Systemwide
 Project Category : Renewal & Replacement Projects
 Work Description : Structural
 Design & Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	117			7	5	5	8	7	5	5	8	7	5	5	8	7	5	5	8	7	5	5			
Construction	340						85				85				85				85						
TOTAL	457	FY 17/18 Total = 17				FY 18/19 Total = 110				FY 19/20 Total = 110				FY 20/21 Total = 110				FY 21/22 Total = 110							
		Encumbered =				Encumbered =																			

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	117			-	7	5	5	8	7	5	5	8	7	5	5	8	7	5	5	8	7	5	5		
Construction	340			-	-	-	-	85	-	-	-	85	-	-	-	85	-	-	-	85	-	-	-		
TOTAL	457	FY 17/18 Total = 17				FY 18/19 Total = 110				FY 19/20 Total = 110				FY 20/21 Total = 110				FY 21/22 Total = 110							
		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 to be determined.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : No Activity
 Date Originated : 4/1/99
 Last Revision : 2/14/17
 Fund Source : RR
 Length (miles) : -
 From: - To: -

Priority : 1

Project Name/Number : Systemwide Reflective Pavement Markers & Thermo Striping # 599-7360
 Route Number : Systemwide
 Project Category : Renewal & Replacement Projects
 Work Description : RPM & Striping
 Design & Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	195			15	5	5	10	20	5	5	15	25	5	5	15	15	5	5	10	20	5	5			
Construction	470					95					130				145				100						
TOTAL	665	FY 17/18 Total = 25				FY 18/19 Total = 135				FY 19/20 Total = 180				FY 20/21 Total = 185				FY 21/22 Total = 140							
		Encumbered =				Encumbered =																			

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
EAL	195			-	15	5	5	10	20	5	5	15	25	5	5	15	15	5	5	10	20	5	5		
Construction	470			-	-	-	-	95	-	-	-	130	-	-	-	145	-	-	-	100	-	-	-		
TOTAL	665	FY 17/18 Total = 25				FY 18/19 Total = 135				FY 19/20 Total = 180				FY 20/21 Total = 185				FY 21/22 Total = 140							
		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.
 Projects to be determined.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : No Activity
 Date Originated : 5/26/12
 Last Revision : 2/14/17
 Fund Source : RR
 Length (miles) : -
 From: - To: -

Priority : 1

Project Name/Number : Systemwide Trailblazer Upgrades # -
 Route Number : Systemwide
 Project Category : Signing and Pavement Markings
 Work Description : Signing
 Design & Construction

Project Schedule :

Activity	2017			2018			2019			2020			2021			2022		
Design																		
Bidding																		
Construction																		

Project Cost (in thousands \$) :

Activity	Totals \$	2017			2018			2019			2020			2021			2022														
EAL	585		70	5	5	40	40	70	5	5	40	40		70	5	5	40	40		100	5										
Construction	3,000				500	500					500	500					500	500													
TOTAL	3,585	FY 17/18 Total =			620			FY 18/19 Total =			615			FY 19/20 Total =			1,085			FY 20/21 Total =			620			FY 21/22 Total =			645		
		Encumbered =						Encumbered =																							

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017			2018			2019			2020			2021			2022														
EAL	585		70	5	5	40	40	70	5	5	40	40	-	70	5	5	40	40	-	100	5										
Construction	3,000		-	-	-	500	500	-	-	-	500	500	-	-	-	-	-	-	-	-	-	-									
TOTAL	3,585	FY 17/18 Total =			620			FY 18/19 Total =			615			FY 19/20 Total =			1,085			FY 20/21 Total =			620			FY 21/22 Total =			645		
		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 : No Activity
 Date Originated : 3/18/08
 Last Revision : 2/14/17
 Fund Source : RR
 Length (miles) : -
 From: - To: -
 Priority : 1

Project Name/Number : Systemwide Signing Replacement Projects # -
 Route Number : Systemwide
 Project Category : Signing and Pavement Markings
 Work Description : Signing
 Design & Construction

Project Schedule :

Activity	2017			2018			2019			2020			2021			2022		
Design																		
Bid																		
Construction																		

Project Cost (in thousands \$) :

Activity	Totals \$	2017			2018			2019			2020			2021			2022														
EAL	847			70	70	5	5	50	50	50	65	65	5	5	50	50	50	90	90	5	5	67									
Construction	3,695							510	510	510				500	500	500						665									
TOTAL	4,542	FY 17/18 Total =			145			FY 18/19 Total =			1,685			FY 19/20 Total =			140			FY 20/21 Total =			1,740			FY 21/22 Total =			832		
		Encumbered =						Encumbered =																							

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017			2018			2019			2020			2021			2022														
EAL	847			-	70	70	5	5	50	50	65	65	5	5	50	50	50	90	90	5	5	67									
Construction	3,695			-	-	-	-	-	510	510	-	-	-	-	500	500	500	-	-	-	-	665									
TOTAL	4,542	FY 17/18 Total =			145			FY 18/19 Total =			1,685			FY 19/20 Total =			140			FY 20/21 Total =			1,740			FY 21/22 Total =			832		
		Encumbered =						Encumbered =																							

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

Includes LED lights on overhead signs.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : On-going Priority : 1
 Date Originated : 4/15/10
 Last Revision : 3/16/16
 Fund Source : RR
 Length (miles) : -
 From: - To: -

Project Name/Number : Traffic Management CCTV Upgrade # 599-5280
 Route Number : Systemwide
 Project Category : ITS
 Work Description : Equipment Cameras
Implementation

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Implementation																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
Implementation	600			150				150							150										
TOTAL	600	FY 17/18 Total = 150				FY 18/19 Total = 150				FY 19/20 Total = 150				FY 20/21 Total = 150				FY 21/22 Total = -							
		Encumbered =				Encumbered =																			

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022			
Implementation	628			151	-	-	-	155	-	-	-	159	-	-	-	163	-	-	-	-	-	-	-	-	
TOTAL	628	FY 17/18 Total = 151				FY 18/19 Total = 155				FY 19/20 Total = 159				FY 20/21 Total = 163				FY 21/22 Total = -							
		Encumbered =				Encumbered =																			

Remarks: Migration to Internet Protocol (IP) cameras. Estimate 36 cameras per year (over 5 years) and purchase of 24-port layer 2 switches for field cabinets.

Central Florida Expressway Authority
Five-Year Work Plan

Project Information

Current Status : On-going Priority : 2
 Date Originated : 3/1/95
 Last Revision : 3/16/16
 Fund Source : SP
 Length (miles) : -
 From: - To: -

Project Name/Number : Systemwide Discretionary Landscape Projects # -
 Route Number : Systemwide
 Project Category : Landscape Projects
 Work Description : Landscaping
Design & Construction
5 yr. Landscaping Program

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Design																								
Bidding																								
Construction																								
Maintenance																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	615			70	5	5	50	50		70	5	5	50	50		70	5	5	50	50		70	5																		
Construction	3,900					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	7	8																
TOTAL	4,665	FY 17/18 Total =				810				FY 18/19 Total =				805				FY 19/20 Total =				1,435				FY 20/21 Total =				810				FY 21/22 Total =				805			
		Encumbered =								Encumbered =																															

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	615			70	5	5	50	50	-	70	5	5	50	50	-	70	5	5	50	50	-	70	5																		
Construction	3,900			-	-	-	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	7	8																
TOTAL	4,665	FY 17/18 Total =				810				FY 18/19 Total =				805				FY 19/20 Total =				1,435				FY 20/21 Total =				810				FY 21/22 Total =				805			
		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 : No Activity
 Date Originated : 5/10/04
 Last Revision : 3/13/16
 Fund Source : NSP
 Length (miles) : 0.9
 From: Lee Vista To: Narcoossee Road
 Priority : 1

Project Name/Number : Goldenrod Road Resurfacing # 800-903E
 Route Number : SR 551
 Project Category : Non-System Projects
 Work Description : Mill & Resurface
 Construction

Project Schedule :

Activity	2017				2018				2019				2020				2021				2022			
Plans Update																								
Bidding																								
Construction																								

Project Cost (in thousands \$) :

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	169			15	5	5	72	72																																	
Construction	1,200					600	600																																		
TOTAL	1,369	FY 17/18 Total =				697				FY 18/19 Total =				672				FY 19/20 Total =				-				FY 20/21 Total =				-				FY 21/22 Total =				-			
		Encumbered =								Encumbered =																															

Cash Flow Inflated (in thousands \$) : Base Inflation Rate = 2.6% Const. Inflation Rates = FY 2018 2.7% FY 2019 2.8% FY 2020 2.6% FY 2021 2.5% FY 2022 2.7%

Activity	Totals \$	2017				2018				2019				2020				2021				2022																			
EAL	173			15	5	5	74	74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																	
Construction	1,233						616	616																																	
TOTAL	1,406	FY 17/18 Total =				715				FY 18/19 Total =				690				FY 19/20 Total =				-				FY 20/21 Total =				-				FY 21/22 Total =				-			
		Encumbered =				715				Encumbered =																															

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

Estimated total construction cost (2017 \$): \$1.2 M