





CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Five-Year Work Plan FY 2017 - FY 2021

Five-Year Work Plan FY 2017 - FY 2021

May 12, 2016

Prepared for:

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

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EXECUTIVE SUMMARY

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

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

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

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

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

Existing System Improvements

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

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

System Expansion Projects

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

Interchange Projects

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

Facilities Projects

• SR 528 Airport Toll Plaza Demolition

Technology Projects

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

Renewal and Replacement Projects, including the following resurfacings:

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

Non-System Project

Goldenrod Road Resurfacing from Lee Vista to Narcoossee Road

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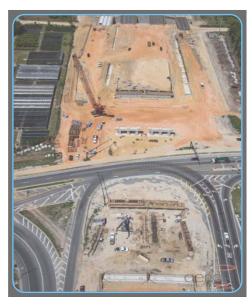
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Introduction







1.1 Central Florida Expressway Authority System

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



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



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



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

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



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



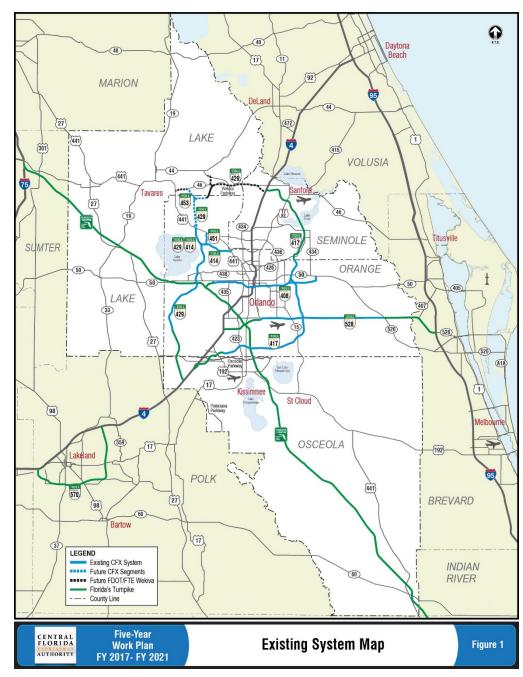
SR 451 was previously the northern portion of SR 429. With the opening of SR 429/414 in January 2013, this 2 mile segment north of SR 414 to US 441 near Vick Road was re-designated as SR 451. There are no mainline or ramp toll plazas associated with this portion of the CFX system.



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

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

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



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1.2 Five-Year Work Plan

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

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

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

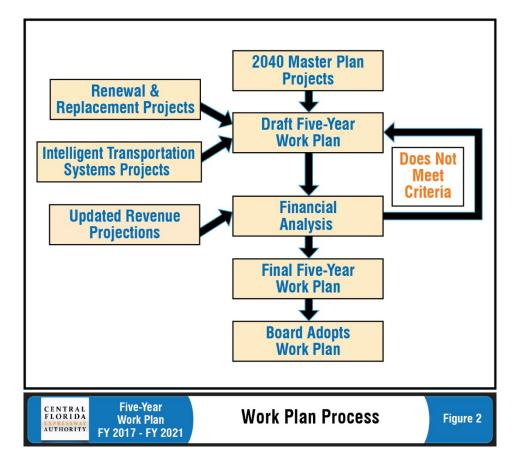
Available funding for the Work Plan is based on the current toll rate policy. Any adjustments to the current policy will affect the Work Plan both by changing the funds available to finance projects and by potentially changing the year projects are needed.

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

1.3 Development Process

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

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



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

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

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

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

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

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

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

1.4 METROPLAN ORLANDO Coordination

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

1.5 Work Plan Reports

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

abbreviations used throughout the Work Plan is also included.

1.5.1 Definitions of Terms & Abbreviations

CF - Construction Fund BAN

E - Encumbered Project Costs for projects currently under contract

EAL - Engineering, Administration and Legal

FY - Fiscal Year (CFX's fiscal year runs from July 1 to June 30)

NSP - Non-System Projects

PD&E - Project Development and Environment Study

RR - Renewal and Replacement Fund

SP - System Projects Fund

SR - State Road

U - Unencumbered Project Costs

1.5.2 Category Summary

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

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

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

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

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

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

1.5.3 Category Reports

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

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

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

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

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

Project Name - Identifies the project.

Project Description:

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

Length (Miles) - Project length.

Work Description - Brief description of project.

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

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

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

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

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

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

1.5.4 Fund Summary

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

information is the Project Information reports.

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

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

1.5.5 2040 Master Plan Summary

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

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

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

- Existing System (Capacity) Improvements
- System Expansion Projects

- Interchange Projects
- Renewal and Replacement Projects

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

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

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

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

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

1.5.6 Project Information

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

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

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

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

Priority - Project priority designation, one through three.

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

Last Revision - Date of last change to project information.

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

Length - Length of project in miles.

From - Beginning location of project.

To - Ending location of project.

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

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

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

Work Description - Brief description of the project.

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

Project Cost (in thousands \$):

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

Totals \$ - The total costs for each activity. These costs are in current dollars. Encumbered - The total of the projected costs to complete projects previously authorized for the first two fiscal years.

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

Cash Flow Inflated (in thousands \$):

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

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

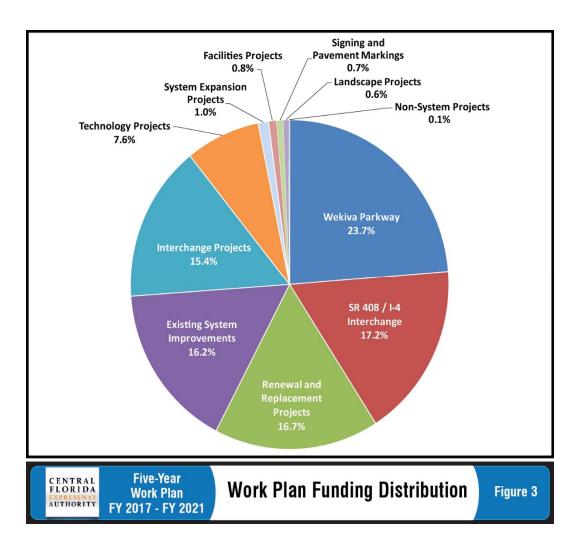
Remarks - Any special information associated with the project.

1.6 FY 17-21 Work Plan Totals

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

1.7 Major Projects in FY 17-21 Work Plan

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



1.7.1 Existing System Improvements

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

Plan are:

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

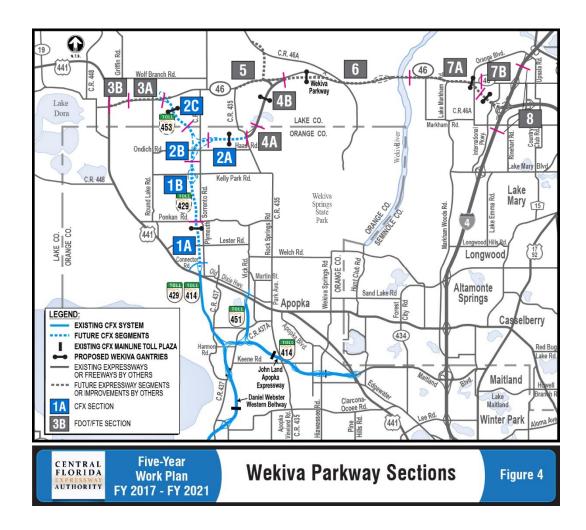
Funding for construction of ramp improvements at the SR 528 / SR 417 Interchange, the SR 429 / CR 535 Interchange, and the SR 417 / Curry Ford Road Interchange is also included in FY's 17 and 18. Bridge replacements and repairs along SR 528 are also included starting in FY 17, along with some systemwide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

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

1.7.2 System Expansion Projects

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

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





Wekiva Parkway Construction from Ponkan Road to Kelly Park Road

1.7.3 Interchange Projects

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

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

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

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

1.7.4 Facilities Projects

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

1.7.5 Technology Projects

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

1.7.6 Signing and Pavement Markings

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

1.7.7 Renewal and Replacement Projects

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

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

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

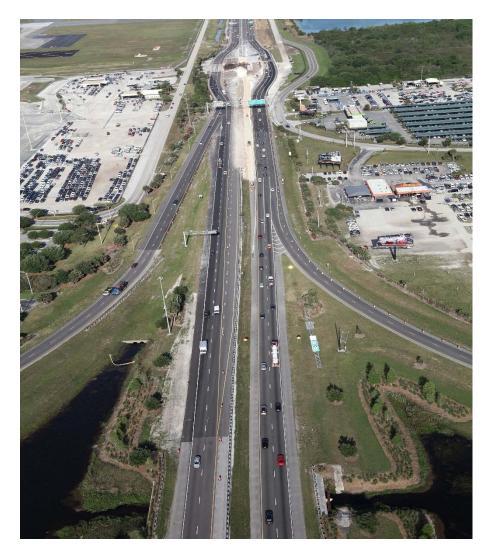
This category also includes drainage improvements, coatings, bridge and fence projects, as well as Retro-Reflective Pavement Markers (RPM) replacement. Signing upgrades and improvements, single line Dynamic Message Sign (DMS) and traffic management CCTV upgrades are also funded.

1.7.8 Landscape Projects

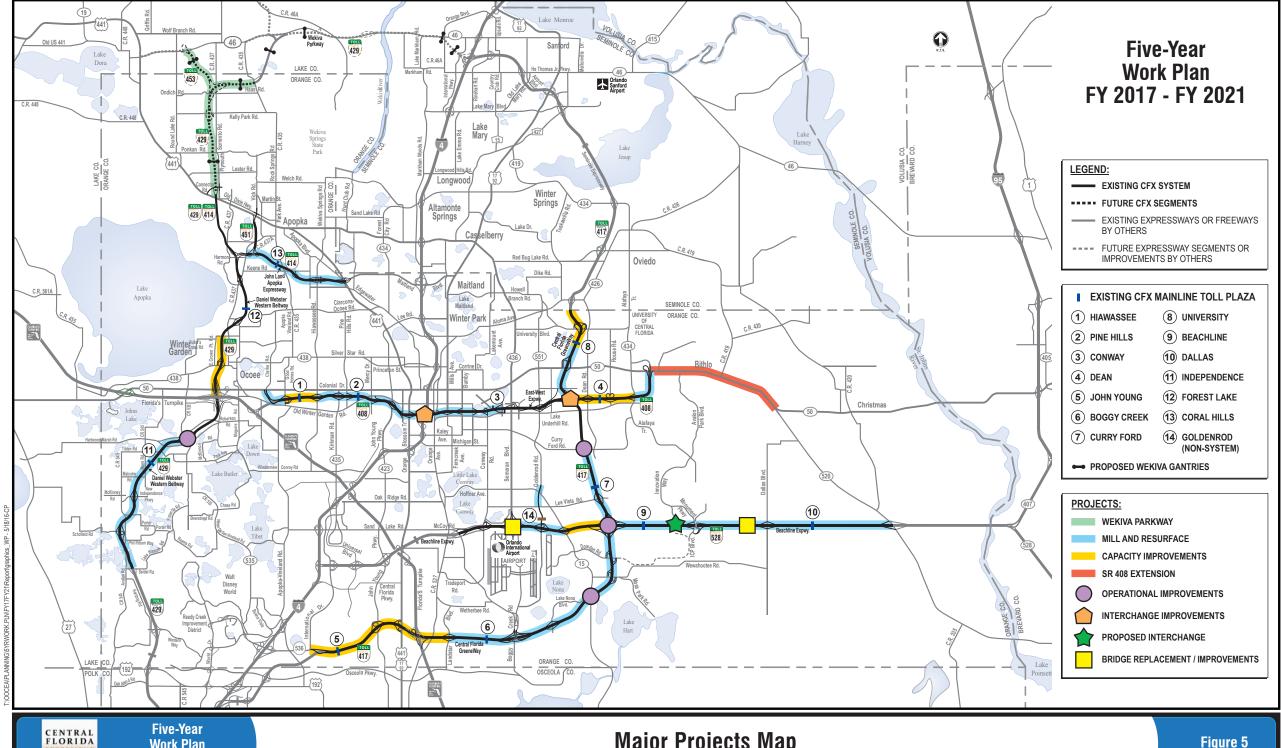
This category includes funds for systemwide discretionary landscape projects.

1.7.9 Non-System Projects

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



SR 528 Airport Mainline Toll Plaza Demolition



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Category Summary







Category Summary

				Projec	t Cost (thousan	nd \$)		
Category				Fiscal Y	<i>'</i> ear			
	16/	17	17/	18	18/19	19/20	20/21	Total
	Е	U	Е	U	U	U	U	
Existing System Improvements	4,010	49,109	0	87,379	40,516	18,240	21,530	220,784
System Expansion Projects	148,576	75,984	44,888	55,192	11,461	1,156	22	337,279
Interchange Projects	72,407	622	31,839	119,969	126,988	89,805	1,861	443,491
Facilities Projects	5,078	1,752	0	1,411	1,136	1,131	965	11,473
Technology Projects	15,236	16,292	23,708	21,479	21,945	3,275	1,322	103,257
Signing and Pavement Markings	0	870	0	2,940	2,362	2,064	768	9,004
Renewal and Replacement Projects	18,641	19,846	0	75,382	38,903	29,125	45,872	227,769
Landscape Projects	0	1,500	0	1,500	1,500	1,500	1,500	7,500
SUB TOTALS	263,948	165,975	100,435	365,252	244,811	146,296	73,840	
TOTALS		429,923		465,687	244,811	146,296	73,840	1,360,557
Non-System Project (Goldenrod Road)	0	0	0	1,064	0	0	0	1,064
GRAND TOTALS	<u> </u>	429,923	<u> </u>	466,751	244,811	146,296	73,840	1,361,621

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

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

U = Unencumbered costs

Existing System Improvements Summary (Page 1 of 2)

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

SUB-TOTALS (Page 1)

13

50,507

86,588

39,600

8,415

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

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

U = Unencumbered costs

Existing System Improvements Summary (Page 2 of 2)

				Project Des	scription				Project	Cost (the	ousands \$) by Fisca	al Year *			
Page	Project Number	Project Name	From	То	Length (miles)	Work Description	16/1	.7	17/1	8	18/19	19/20	20/21	Fund Source	Project Phases Funded
							Е	U	Е	U	U	U	U		
38	417-133	SR 417 / Curry Ford Road Southbound On Ramp Improvements	-	-	-	On Ramp Improvements	0	1,593	0	0	0	0	0	SP	Bidding & Construction
39	599-132	Backup Data Center	-	-	-	Backup Data Center	850	0	0	0	0	0	0	SP	Design-Build
40	-	2040 CFX Master Plan	-	-	-	Master Plan Study	50	0	0	0	0	0	0	SP	Master Plan Study
41	-	SR 417 Widening from International Drive to John Young Parkway	International Drive	John Young Parkway	3.6	Add Lanes, Mill and Resurface	0	0	0	0	0	1,508	5,928	SP	Design & Partial Construction
42	-	SR 417 Widening from John Young Parkway to Landstar Boulevard	John Young Parkway	Landstar Boulevard	3.8	Add Lanes, Mill and Resurface	0	0	0	0	0	2,385	10,102	SP	Design & Partial Construction
43	-	SR 429 Widening from Plant Street to West Road	Plant Street	West Road	2.7	Add Lanes, Mill and Resurface	0	0	0	0	0	0	1,208	SP	Design
44	-	SR 429 Widening from Florida's Turnpike to Plant Street	Florida's Turnpike / SR 50	Plant Street	1.5	Add Lanes, Mill and Resurface	0	0	0	195	595	4,555	2,278	SP	Design & Construction
45	-	Multimodal/Intermodal Opportunity Study	-	-	-	Multimodal/Intermodal Study	0	100	0	300	300	300	300	SP	Multimodal/Intermodal Study
46	-	SR 417 Widening - Curry Ford to Lake Underhill Landscaping	Curry Ford Road	Lake Underhill Road	1.6	Landscaping	0	18	0	296	21	5	0	SP	Design, Installation & Maintenance
47	-	SR 408 / SR 417 Interchange Landscaping	-	-	-	Interchange Landscaping	0	0	0	0	0	621	557	CD.	Design, Installation & Partial Maintenance
48	-	SR 417 / Florida's Turnpike Interchange Landscaping	-	-	-	Interchange Landscaping	0	0	0	0	0	451	407	SP	Design, Installation & Partial Maintenance
						Encumbered Total	900		0	•		_			

TOTALS	53,1	19	87,3	79	40,516	18,240	21,530
SUB-TOTALS (Page 2)	2,61	11	79	1	916	9,825	20,780
Unencumbered Total		1,711		791	916	9,825	20,780
Encumbered Total	900		0				

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

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

U = Unencumbered costs

System Expansion Projects Summary

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

Encumbered Total	148,576		44,888				
Unencumbered Total		75,984		55,192	11,461	1,156	22
TOTALS	224,	,560	100	,080	11,461	1,156	22

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

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U = Unencumbered costs

Interchange Projects Summary

				Project Des	scription				Project Cost	(thousands	\$) by Fiscal Ye	ar *			
Page	Project Number	Project Name	From	То	Length (miles)	Work Description	16/	17	17.	/18	18/19	19/20	20/21	Fund Source	Project Phases Funded
							Е	U	Е	U	U	U	U		
62	253F	SR 408/SR 417 Interchange (Phase I)	SR 408/SR 417	Lake Underhill Road	-	Add Ramps, Mill and Resurface	30,276	0	0	0	0	0	0	SP	Construction
63	253G	SR 408/SR 417 Interchange (Phase II)	SR 408/SR 417	Lake Underhill Road	-	Add Ramps, Mill and Resurface	0	282	0	35,779	35,779	0	0	SP	Design, Bidding & Construction
64	429-305	SR 429 / Schofield Road Interchange Landscaping	-	-	-	Landscaping	0	12	0	424	21	16	0	SP	Design, Installation & Maintenance
65		SR 417 / Boggy Creek Road Interchange (Phase III) Landscaping	-	-	-	Landscaping	0	53	0	857	21	16	0	SP	Design, Installation & Maintenance
66	528-313	SR 528 / Innovation Way Interchange	Innovation Way	Aerospace Parkway	-	New Interchange	41,167	0	30,875	1,406	0	0	0	SP	Design-Build
67	-	SR 408 at I-4 Ultimate	-	-	-	Interchange Reconstruction	964	0	964	75,000	75,964	80,968	0	SP	Contribution & Corridor Consultant
68	-	SR 429 New Interchange Studies	-	-	-	Interchange Studies and Design	0	275	0	6,503	15,203	8,014	0	SP	Concept Study, Design & Construction
69	-	SR 417 / Narcoossee Road Ultimate Interchange	-	-	-	Concept Study	0	0	0	0	0	441	1,544	SP	Concept Study & Design
70	-	SR 528 / Innovation Way Landscaping	-	-	-	Landscaping	0	0	0	0	0	350	317	SP	Design, Installation & Partial Maintenance
						Encumbered Total	72,407		31,839						
						Unencumbered Total		622		119,969	126,988	89,805	1,861		
			TOTALS				73,0)29	151	,808	126,988	89,805	1,861	1	

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

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

U = Unencumbered costs

Facilities Projects Summary

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

TOTALS

17

6,830

1,411

1,136

1,131

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

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U = Unencumbered costs

Technology Projects Summary

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

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

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

U = Unencumbered costs

Signing and Pavement Markings Summary

				Project De	scription	.		Pro	oject Cost (tl	nousands \$) b	y Fiscal Yea	ar *			
Page	Project Number	Project Name	From	То	Length (miles)	Work Description	16	/17		/18	18/19	19/20	20/21	Fund Source	Project Phases Funded
							Е	U	Е	U	U	U	U		
96	-	Systemwide Miscellaneous Signing & Pavement Markings	-	-		Signing and Pavement Markings	0	150	0	150	150	150	150	SP	Design & Construction
97	599-624	E-PASS Sign Replacement	-	-	-	Signing	0	588	0	0	0	0	0	SP	Bidding & Construction
98	-	Central Florida Expressway Authority Logo Replacement	-	-	-	Signing	0	0	0	993	869	0	0	SP	Design & Construction
99	-	SR 408 Guide Sign Replacement	-	-	-	Signing	0	132	0	1,734	0	0	0	SP	Design & Construction
100	-	SR 417 Guide Sign Replacement	-	-	-	Signing	0	0	0	63	1,278	602	0	SP	Design & Construction
101	-	SR 414 Guide Sign Replacement	-	-	-	Signing	0	0	0	0	65	1,312	618	SP	Design & Construction

Encumbered Total	0		0				
Unencumbered Total		870		2,940	2,362	2,064	768
TOTALS	87	70	2,9	40	2,362	2,064	768

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

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

U = Unencumbered costs

Renewal and Replacement Projects Summary (Page 1 of 2)

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

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SUB-TOTALS (Page 1) 27,042 69,453 33,520

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

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

U = Unencumbered costs

Renewal and Replacement Projects Summary (Page 2 of 2)

				Project De	scription	1		Pro	oject Cost (th	ousands \$) b	y Fiscal Yea	r *			
Page	Project Number	Project Name	From	То	Length (miles)	Work Description	16	/17	17/	18	18/19	19/20	20/21	Fund Source	Project Phases Funded
							Е	U	Е	U	U	U	U		
117	-	Systemwide Bridge Projects	-	-	-	Misc. Structural Projects	0	434	0	434	434	434	434	RR	Design & Construction
118	-	Systemwide Coatings	-	-	-	Painting & Inspections	0	3,450	0	1,910	1,910	1,910	1,910	RR	Design & Construction
119	-	Systemwide Fence Projects	-	-	-	Fencing Replacement	0	250	0	250	250	250	250	RR	Construction
120	-	Systemwide Bridge Joint & Approach Slab Projects	-	-	-	Concrete Pavement Projects	0	100	0	100	100	100	100	RR	Design & Construction
121	-	Systemwide Reflective Pavement Markers & Thermo Striping	-	-	-	RPM Replacement & Striping	0	130	0	175	195	135	150	RR	Design & Construction
122	-	Systemwide Trailblazer Upgrades	-	-	-	Signing Upgrades	0	620	0	1,160	1,160	1,460	810	RR	Design & Construction
123	-	Systemwide Signing Replacement Projects	-	1	-	Signing Improvements	0	150	0	1,745	1,175	740	2,200	RR	Design & Construction
124	599-525	Single Line DMS Upgrade	-	-	-	Upgrade DMS	6,160	0	0	0	0	0	0	RR	Design & Construction
125	-	Traffic Management CCTV Upgrade	-	-	-	Migration to IP Traffic Management Cameras	0	151	0	155	159	163	0	RR	Implementation

- Management Cameras	U	131	U	133	139	103	U
Encumbered Total	6,160		0				
Unencumbered Total		5,285		5,929	5,383	5,192	5,854
SUB-TOTALS (Page 2)	11,	445	5,9	29	5,383	5,192	5,854
TOTALS	38,	487	75,	382	38,903	29,125	45,872

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

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

U = Unencumbered costs

Landscape Projects Summary

				Project De	scription			Pro	oiect Cost (t	nousands \$) b	y Fiscal Year	- *			
Page	Project Number	Project Name	From	То	Length (miles)	Work Description	16	/17	`	/18	18/19	19/20	20/21	Fund Source	Project Phases Funded
							Е	U	Е	U	U	U	U		
126	-	Systemwide Discretionary Landscape Projects	-	-	-	Landscaping	0	1,500	0	1,500	1,500	1,500	1,500	SP	Design & Construction
						Encumbered Total	0		0						_
				Unencumbered Total		1,500		1,500	1,500	1,500	1,500				
						TOTALS	1,5	500	1,	500	1,500	1,500	1,500		

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

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

U = Unencumbered costs

Non-System Projects Summary

				Project Desc	cription			Pr	oject Cost (tl	nousands \$) b	ov Fiscal Ye	ar *			
Page	Project Number	Project Name	From	То	Length (miles)	Work Description	16			/18	18/19	19/20	20/21	Fund Source	Project Phases Funded
							Е	U	Е	U	U	U	U		
12	7 800-903E	Goldenrod Road Resurfacing	Lee Vista	Narcoossee Road	0.9	Mill & Resurface	0	0	0	1,064	0	0	(NSP	Construction
						Encumbered Total	0		0						
					Unencumbered Total		0		1,064	0	0	(
						TOTALS)	1.0	064	0	0	0	1	

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

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

U = Unencumbered costs



Fund Summary







Fund Summary

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

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

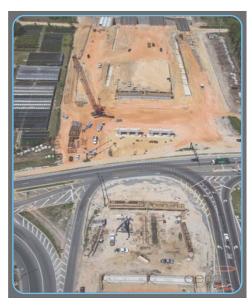
E = Encumbered costs from projects under contracts from previous fiscal years

U = Unencumbered costs



2040 Master Plan Summary







2040 Master Plan Summary

		Project Phase Included in Five	-Year Work Plan	
Project Category	Recommended 2040 Projects	Project Phases Funded	2016 Inflated Costs (thousand \$) *	Comments (pertaining to FY 17 - FY 21 Work Plan)
Existing System (Capacity)	Improvements	·		
	SR 417 : International Drive to Boggy Creek Road (Widen to 6 lanes)	Design & Partial Construction	\$19,923	SR 417 Widening from I-Drive to JYP / SR 417 Widening from JYP to Landstar Boulevard
	SR 417 : Boggy Creek Road to SR 528 (Widen to 6 lanes)			
	SR 429 : Seidel Road to CR 535 (Widen to 6 lanes)			
	SR 429 : CR 535 to SR 50 (Widen to 6 lanes)			
	SR 429 : SR 50 to SR 414 (Widen to 6 lanes)	Design & Construction	\$8,831	SR 429 Widening from Florida's Turnpike to Plant Street / SR 429 Widening from Plant Street to West Road
	SR 528 : SR 436 to SR 417 (Widen to 8 lanes)	Design & Construction	\$11,296	SR 528 Widening from Narcoossee Road to SR 417
	SR 528 : SR 417 to Innovation Way (Widen to 6 lanes)			
	SR 528 : Innovation Way to SR 520 (Widen to 6 lanes)			
System Expansion Projects				
	SR 408 Eastern Extension from SR 50 east to SR 520 (East Orange County)	PD&E and 15% Line & Grade	\$4,278	PD&E underway
	Lake / Orange Connector (Wellness Way) from US 27 to SR 429 (SE Lake / SW Orange Counties)			
	SR 414 Direct Connect from US 441 to SR 434 (Orange County)			
	Osceola Parkway Extension from Boggy Creek Road to NE District (Orange / Osceola Counties)	Concept, Feasibility & Mobility	#C 000	In OCX Master Plan.
	Northeast Connector Expressway from Florida's Turnpike to Osceola Parkway Ext (Osceola County)	Study	\$6,880	In OCX Master Plan
	Southport Connector Expressway from Poinciana Parkway to Florida's Turnpike (Osceola County)			In OCX Master Plan.
	Poinciana Parkway from Marigold Avenue to CR 54 / US 17-92 (Osceola County)			In OCX Master Plan.
	Poinciana / I-4 Connector from Poinciana Parkway to I-4 (Osceola County)			PD&E underway
	Task Force Corridor D from Northeast District to SR 520 (Osceola / Orange Counties)			Preliminary study being advanced by FDOT
	Task Force Corridor F from Northeast Connector to I-95 (Osceola / Brevard Counties)			Preliminary study being advanced by FDOT
	Task Force Corridor H from Northeast District to SR 528 (Orange / Osceola Counties)	Concept, Feasibility & Mobility Study	\$1,110	Preliminary study being advanced by FDOT
	Task Force Corridor I from US 192 to SR 528 (Orange / Osceola Counties)			Preliminary study being advanced by FDOT
Interchange Projects				
	SR 429 / CR 535 Interchange Improvements	Design & Construction	\$5,004	Minor southbound off ramp improvements completed. Minor northbound on ramp improvements included i Work Plan.
	SR 417 / Narcoossee Road Interchange Improvements	Construction	\$820	Minor southbound off ramp improvements included in Work Pan
	SR 528 / Dallas Boulevard Interchange Improvements			
Renewal and Replacement	Projects	•	•	
	Systemwide: SR 408, SR 414, SR 417, SR 429, SR 451, SR 528	Design & Construction	\$227,769	Inflated project costs represent entire R&R program (as shown in the FY 17 - FY 21 Five Year Work Plan)
Jo Facilities Technology	Signing and Pavement Markings, Landscape or Non-System Projects were Identified in the Master Plan.	<u>-</u>	1	<u> </u>

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TOTALS \$285,911

2040 MP Summary 5/12/2016

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



Project Information







Project Information

Date Originated : Last Revision : Fund Source : Length (miles) :	Bidding 1/31/07 5/2/16 SP 1.8 Good Hom	es Road	T	o: East of H	riority :	1 vad					Project Na Route Nun Project Ca Work Des	itegory:		SR 408 Existing S Add Lanes	ystem Impos, Mill and	rovements Resurface		t of Hiaw	assee			#	408-127	
Project Schedule :																								
Activity			2016			20	17			20	018			20)19			20)20			202	1	
Bidding																								
Construction																								
Toll Equipment																								
Project Cost (in the	,						117			24	210			200	210			26	220			202	,	
Activity	Totals \$		2016	0 445	115	445	445	445	I	20	018	ı		20)19	I		20)20	I		202	1	
EAL Construction	2,236		1		445		3,710	445																
	18,550			3,710	3,710	3,710	3,/10	3,710									<u> </u>							
Toll Equipment	420							420									<u> </u>							
TOTAL	21.207		EV 16/	1.7 T. (.1		10.476	FY 17/18	F. 4 - 1		0.720	FY 18/19	T-4-1			FY 19/20	T-4-1			FY 20/21	T-4-1				
TOTAL	21,206]	Encum	17 Total =		12,476	Encumbere			8,/30	FY 18/19	ı otai =		-	FY 19/20	ı otai =		-	FY 20/21	ı otai =		-		
Cash Flow Inflated	d (in thousar	nds \$) :	Base Inf	lation Rate =	= 2.6%		017	<u> </u>			1	Const. Infl	lation Rates		FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%	
Activity	Totals \$	_	2016							20	018			20	19			20)20			202	1	
EAL	2,265		1		451	451	451	451	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Construction	18,783		-	3,757	3,757	3,757	3,757	3,757	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Toll Equipment	437		-	-	-	-	-	437	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TOTAL	21,484			17 Total =		12,633	FY 17/18			8,852	FY 18/19	Total =		-	FY 19/20	Total =		-	FY 20/21	Total =		-		
Encumbered =							Encumbere	ed =																

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

Estimated total construction cost of \$18.5 million (2016 \$). \$1.6 million design contract completed before July 1, 2016.

Project Information

Current Status:	Design	Priority:	1	Project Name/Number:	SR 408 Widening from SR 417 to Alafaya Trail	# 408-128
Date Originated:	1/31/07			Route Number:	SR 408	
Last Revision:	5/3/16			Project Category:	Existing System Improvements	
Fund Source:	SP			Work Description:	Add Lanes, Mill and Resurface	
Length (miles):	4.1				Design & Construction	
From:	SR 417 T	o: Alafaya Trail				

Project Schedule:

Activity	20		20)17		20)18		2019		20)20		2021	
Design															
Bidding															
Construction															
Toll Equipment															

Project Cost (in thousands \$):

3	.,																						
Activity	Totals \$		201	6			20	17			20	18			2019		20	020			202	.1	
EAL	9,326			1,319	1,319	10	954	954	954	954	954	954	954										
Construction	55,650		7 7-				7,950	7,950	7,950	7,950	7,950	7,950	7,950										
Toll Equipment	420												420										
TOTAL	65,396		FY 16/17 Total =				11,552	FY 17/18	Total =		35,616	FY 18/19	Total =	18,22	8 FY 19/2	20 Total =	 -	FY 20/21	Total =	-	-	 	
		Encumbered =			red =		2 638	Encumber	ed =														

Activity	Totals \$	20	16			20	17			20	18			20	19			20)20			202	1	
EAL	9,502		1,319	1,319	10	979	979	979	979	979	979	979	-	-	-	-	-	-	-	-	-	-		
Construction	57,054		-	-	-	8,151	8,151	8,151	8,151	8,151	8,151	8,151	-	-	-	-		-	-	-	-	-		
Toll Equipment	448		-	-	-	-	-		-		-	448	-	-	-	-		-	-	-	-	-		
TOTAL	67,004		FY 16/17	Total =		11,778	FY 17/18	Total =		36,519	FY 18/19	Total =		18,707	FY 19/20	Total =		-	FY 20/21	Total =		-		
		Encumbered =				2,638	Encumber	red =																

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

Estimated total construction cost of \$55.6 million (2016 \$).

Includes re-configuration of SR 408/Rouse Road interchange and bridge replacement over Alafaya Trail.

Current Status:	No Activity	Priority:	1	Project Name/Number:	SR 417 Widening from Econ to County Line	# -
Date Originated:	8/26/13			Route Number:	SR 417	
Last Revision:	5/2/16			Project Category:	Existing System Improvements	
Fund Source:	SP			Work Description:	Add Lanes, Mill and Resurface	
Length (miles):	2.3				Design & Construction	
From:	Econlockhatchee Trail To:	: County Line				

Project Schedule:

Activity	20)16		20)17		20)18		2019		20	020		2021	
Design																
Bidding																
Construction																
Toll Equipment																

Project Cost (in thousands \$):

Activity	Totals \$		20	16			20	17			20	18			20)19		20	020		202	.1	
EAL	5,612				700	700	700	700	10	560	560	560	560	560								,	
Construction	23,350									4,670	4,670	4,670	4,670	4,670								,	
Toll Equipment	420													420									
TOTAL	29,382			FY 16/1	7 Total =		2,100	FY 17/18	Total =		11,171	FY 18/19	Total =		16,111	FY 19/20	Total =	-	FY 20/21	Total =	-		
		•		Encumb	ered =			Encumber	ed =														

Activity	Totals \$		20)16			20	17			20	18			20	19			20)20			202	1	
EAL	5,742			-	700	700	700	700	10	586	586	586	586	586		-	-	-	-	-	-	-	-		
Construction	24,427			-	-	-	-	-		4,885	4,885	4,885	4,885	4,885		-	-	-	-	-	-	-	-		
Toll Equipment	451			-	-	-	-	-		-		-	-	451		-	-	-	-	-	-	-	-		
TOTAL	30,621						2,100	FY 17/18	Total =		11,654	FY 18/19	Total =		16,867	FY 19/20	Total =		-	FY 20/21	Total =		-		
	·	=		Encumber	red =	·		Encumber	red =	·		·	·			·	·					•	·		

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

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

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

Current Status :	No Activity 8/15/13	7			Pri	iority :	1					Route Nur		r:	SR 528			see Road to	SR 417				#	-	
ast Revision : und Source :	4/21/16 SP											Project Ca Work Des			Add Lanes	ystem Impr s, Mill and l	Resurface								_
ength (miles):	1.9	D 1			CD 415				•						Design &	Constructio	n								
rom:	Narcoossee	Road		10:	SR 417				-																
roject Schedule :																									
Activity			201	6			20	17			20	18			20	19			20	020			202	:1	
)esign																									
idding																									
Construction																									Щ
																									Щ
																									Ш.
roject Cost (in th																									
Activity	Totals \$		201	6			20	17	T		20				20				20)20	T		202	:1	-
AL	2,033										337	337	337	10	200	253	253	253							
onstruction	8,428														2,107	2,107	2,107	2,107							—
															+										+-
TOTAL	10,461		1	FY 16/17	Total =			FY 17/18	Total =	ļ <u> </u>	337	FY 18/19	Total =		3.044	FY 19/20	Total =		7.080	FY 20/21	Total =				—
TOTAL	10,401			Encumber				Encumbe			331	11 10/17	Total –		3,044	11 17/20	Total –		7,000	1 1 20/21	10tai –				
			Ľ					Liivainoe																	
																FY 2017		FY 2018		FY 2019		FY 2020		FY 2021	
sh Flow Inflate	d (in thousan	ds \$):	Е	Base Inflat	ion Rate =	2.6%							Const. Infl	ation Ra	tes =	2.5%		2.7%		2.8%		2.6%		2.5%	
Activity	Totals \$		201	6			20	17			20	18			20	19			20)20			202	:1	
AL	2,169		T	-	-	-	-	-	-	-	355	355	355	1	1 273	273	273	273	-	-	-	-	-		
onstruction	9,128			-	-	-	-	ı	-	-	-	-	-	-	2,282	2,282	2,282	2,282	-	-	_	-	-		
				·	•		•							•			•								
TOTAL	11,296			FY 16/17			-	FY 17/18			355	FY 18/19	Total =		3,276	FY 19/20	Total =		7,665	FY 20/21	Total =		-		
			1	Encumber	1			Encumbe	J																

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

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

Year need 2020

	Design				Pri	ority :	1		_			-	ame/Numb	er:		SR 436 Brid	lge Deck F	Replacement					#	528-130	
	6/27/13								<u>-</u> -			Route Nu			SR 528	1 -4 T.									
Last Revision : Fund Source :	5/2/16 SP								-			Project C Work De				System Imp									
Length (miles):	SP								-			work De	scription:			eck Replace Construction									
From:				To:					-						Design &	Construction)II								
TOIII.				10.					-																
Project Schedule:																									
Activity			201	.6			20	17			20	018			20	019			20	020			202	1	
Design																									
Bidding																									
Construction																									
Project Cost (in the	ousands \$) : Totals \$		201	.6			20	17			20	018			20	019			20	020			202	1	
EAL	2,530			630	630	10	315	315	315	315															
Construction	10,500						2,625	2,625	2,625	2,625															
TOTAL	13,030		L	FY 16/17			4,210	FY 17/18			8,820	FY 18/19	7 Total =		-	FY 19/20	Total =		-	FY 20/21	Total =		-		
				Encumber	red =			Encumbe	red =																
																EX. 2015		EX. 2010		EX. 2010		EX. 2020		EX. 2021	
Cool Electrication	1 C. d	1- 6) .		T Cl	D	2 (0/							Court In C	1.41 D.4		FY 2017		FY 2018		FY 2019		FY 2020		FY 2021	
Cash Flow Inflated	ı (ın tnousan	ias \$):	1	3ase iniiai	tion Rate =	2.6%							Const. Int	lation Rate	s =	2.5%		2.7%		2.8%		2.6%		2.5%	
Activity	Totals \$		201	.6			20	17			20	018			20	019			20	020			202	1	
EAL	2,563			630	630	10	323	323	323	323	-	-	-	-	-	-	-	-	-	-	-	-	-		
Construction	10,765			-	-	-	2,691	2,691	2,691	2,691	-	-	-	-	-	-	-	-	-	-	-	-	-		
TOTAL	13,328		<u> </u>	FY 16/17			4,285	FY 17/18			9,044	FY 18/19	7 Total =		-	FY 19/20	Total =		-	FY 20/21	Total =		-		
				Encumber	red =			Encumbe	red =			_													

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

Includes bridge replacements and widenings for three bridges at the SR 528 / SR 436 Interchange (Alternate 4 Concept)

Design contract \$1.26 m. Estimated construction \$10.5 m (2016 \$).

ast Revision : Fund Source : Length (miles) : From:	Design 6/27/13 5/3/16 SP		To: <u>-</u>	Priority	:1					Project Name/Numbe Route Number : Project Category : Work Description :	r:	SR 528 Existing S Bridge Re	ystem Impreplacement of Construction	rovements & Widening				# 5	28-131
roject Schedule :																			
Activity			2016		20	17			20	18		20)19			2020		2021	
Design Bidding																			
idding																			
onstruction																			
Activity AL	Totals \$ 2,145		2016		322 322	322	322	322	322 327	18		20)19			2020		2021	
	16,122		EV 16/17 Total		,687 2,687	2,687	2,687	2,687	2,687	EV 19/10 Total =			EV 10/20	Total -		EV 20/21 Total	al -		
TOTAL	ŕ		FY 16/17 Tot	al =	6,229	FY 17/18	Total =	2,687		FY 18/19 Total =		-	FY 19/20	Total =		- FY 20/21 Total	al =	-	
TOTAL	18,267	nds \$):	Encumbered : Base Inflation	al = =	6,229 200	FY 17/18 Encumber	Total =	2,687	12,038	Const. Infl	ation Rate	_{2S} =	FY 2017 2.5%	Total =	FY 2018 2.7%	FY 2019 2.8%	al = FY 2020 2.6%		FY 2021 2.5%
TOTAL ash Flow Inflate Activity	18,267 d (in thousan	nds \$):	Encumbered : Base Inflation 2016	al = = = = = = = = = = = = = = = = = = =	6,229 200	FY 17/18 Encumber	Total = ed =		12,038	Const. Infl	ation Rate	_{2S} =	FY 2017	Total =	FY 2018	FY 2019	FY 2020	2021	2.5%
TOTAL ash Flow Inflate Activity AL	18,267 d (in thousan Totals \$ 2,183	nds \$):	Encumbered : Base Inflation	al = = = = = = = = = = = = = = = = = = =	6,229 200 2.6% 2.6% 329 329	FY 17/18 Encumber	Total = ed =	329	12,038 20 329	Const. Infl	ation Rate	_{2S} =	FY 2017 2.5%	Total =	FY 2018	FY 2019 2.8%	FY 2020		2.5%
TOTAL ash Flow Inflate Activity AL	18,267 d (in thousan	nds \$):	Encumbered : Base Inflation 2016	al = = = = = = = = = = = = = = = = = = =	6,229 200	FY 17/18 Encumber	Total = ed =		12,038	Const. Infl	ation Rate	es =	FY 2017 2.5%	Total =	FY 2018 2.7%	FY 2019 2.8%	FY 2020		2.5%
TOTAL ash Flow Inflate Activity AL	18,267 d (in thousan Totals \$ 2,183	nds \$):	Encumbered : Base Inflation 2016	al = = = = = = = = = = = = = = = = = = =	6,229 200 2.6% 2.6% 329 329	FY 17/18 Encumber	Total = ed =	329	12,038 20 329	Const. Infl	ation Rate	20	FY 2017 2.5%	Total =	FY 2018 2.7%	FY 2019 2.8% 2020	FY 2020		2.5%
TOTAL ash Flow Inflate Activity AL construction	18,267 d (in thousan Totals \$ 2,183 16,426	nds \$):	Base Inflation 2016 200 -	Rate = 2	2.6% 2.6% 2.6% 2.738 2.738	FY 17/18 Encumber	Total = ed = 329 2,738	329	12,038 20 329 2,738	Const. Infl	ation Rate	20 -	FY 2017 2.5% 019	-	FY 2018 2.7%	FY 2019 2.8% 2020 	FY 2020 2.6%	2021	2.5%
ash Flow Inflate	18,267 d (in thousan Totals \$ 2,183 16,426	nds \$):	Encumbered : Base Inflation 2016	Rate = 10 - 2,	2.6% 200 2.6% 21 329 329 738 2,738 6,343	FY 17/18 Encumber	Total = ed = 329 2,738 Total =	329	12,038 20 329 2,738	Const. Infl	ation Rate	20	FY 2017 2.5%	-	FY 2018 2.7%	FY 2019 2.8% 2020	FY 2020 2.6%		2.5%

Estimated construction cost of \$16.1 m (2016 \$) includes bridge replacement and widening

Date Originated : Last Revision :	On-going 3/1/95 5/3/16 SP			To:		ority:	1					Project Na Route Nu Project Ca Work Des	itegory:	<u> </u>	Systemwide Systemwide Existing Sy- Minor Road Design & C Projects to	stem Improduced Iway Proje Constructio	ovements ects	nal Improv	ement Pro	jects			#	-	
			****				•				•	10			• • • •	•			• • •	• •			• 0.0	.,	
Activity			2016				20	17			20	18			201	.9			20	20			202	21	
Design Bidding & Constru	-41																								
Blading & Constri	uction																							-	
				-																			-		
Project Cost (in th Activity EAL Construction	Totals \$	ssands \$) : Totals \$ 2016 230 10				20 250	20 20 250	17	20	10 130	20 10 130		20	10 130	201 10 130	9	20	10 130	20 10 130	20	20	10 130	202 10 130	21	
TOTAL	2,020		FY	7 16/17	Total =		820	FY 17/18	Total =		300	FY 18/19	Total =		300	FY 19/20	Total =		300	FY 20/21 T	Γotal =		300		
Cash Flow Inflated	d (in thous	ands \$) :		se Inflat	red =	2.6%		Encumbe	red =				Const. Infla	ation Rates		FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%	
Activity	Totals \$		2016				20	17			20	18			201	.9			20	20			202	21	
EAL Construction	230			10	20	20	20	-	20	10	10	-	20	10	10	-	20	10	10	-	20	10	10		
Construction	1,790			-	250	250	250	-	-	130	130	-	-	130	130	-	-	130	130	-	-	130	130		
TOTAL	2,020						820	FY 17/18 Encumbe			300	FY 18/19	Total =		300	FY 19/20	Total =		300	FY 20/21 T	Γotal =		300		

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

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

Includes misc. turnlane and intersection improvements. Includes Project 417-735, SR 417 / Narcoossee SB Off Ramp Improvements in FY 17.

Ç	On-going 4/1/97 3/16/16 SP -			To: <u>-</u>	Priorit	y: _	1		- - - -			Route No Project C	Name/Num umber : Category : escription :		S E G D	ystemwic xisting S Guardrail Design &		ents on						#	-
Activity			2016				20)17			20	018				20	019			2()20			20	21
Design			2010	_		T	20)1 /			20	10		_	T	20	/1/			1	20			20	21
Bidding/Construc	tion																								
Braumg construc																									
Project Cost (in th		:																							
Activity	Totals \$		2016)17				18	_				19	•			20			20	21
EAL	100				10	5	5		10	5	5		1	0	5	5		10	5	5		10	5	5	
Construction	650					65	65			65	65				65	65			65	65			65	65	
																	*****				****			1.70	
TOTAL	750		-		Γotal =		150	FY 17/18			150	FY 18/1	9 Total =			150	FY 19/20	Total =		150	FY 20/21	Total =		150	
Cash Flow Inflate	ed (in thousa	nds \$) :		umbere Inflati		2.6%		Encumbe	ered =				Const. I	nflatio	on Rates =	=	FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%
Activity	Totals \$		2016				20)17			20	018				20	19			20)20			20	21
EAL	100			-	10	5	5	-	10	5	5	-	1	0	5	5	-	10	5	5	-	10	5	5	
Construction	650			-	-	65	65	-	-	65	65	-	-		65	65	-	-	65	65	-	-	65	65	
TOTAL	750			16/17 Tumbere	Fotal = ed =		150	FY 17/18 Encumber			150	FY 18/1	9 Total =			150	FY 19/20	Total =		150	FY 20/21	Total =		150	
Remarks: EAL inc			construction eng						d ner fiscal	vear															

Current Status :	On-going			Pr	iority :	1					Project Na	ame/Numbe	er: S	ystemwi	de Drainage	e Improvem	ents					#	-
Date Originated:	3/15/00				-			=			Route Nu	mber :	S	ystemwi	de								
	3/16/16							=			Project Ca	ategory :	E	xisting S	System Imp	rovements							
Fund Source :	SP							=			Work Des	scription:	D	Orainage 1	Improveme	nts							
Length (miles):	-							-							Construction								
From:	-		Т	`o: -				=							to be detern								
Project Schedule :																							
Activity			2016			20	017			20	018			20	019			20	20			20:	21
Design			2010			20)1 /		1	20	10			20)1)		1	20	20			20.	21
Construction																							
Construction																							
																				1			
Project Cost (in the Activity	nousands \$) Totals \$:	2016			20)17			20	018			20	019			20	20			20:	21
EAL	100	1	2016	10	5	5		10	5	5		10	5	5		10	5	5	20	10	5	5	21
Construction	650			10	65	65		10	65	65		10	65	65		10	65	65		10	65	65	
Construction	030				03	03			0.5	03			03	03			0.5	0.5			03	03	
																					 		
TOTAL	750		FY 16/	17 Total =	L .	150	FY 17/18	Total =	ļ.	150	FY 18/19	7 Total =		150	FY 19/20	Total =	ļ	150	FY 20/2	1 Total =		150	
101711	750	l		bered =		150	Encumbe			150	11 10/17	, Total		150	1 1 17/20	Total		150	1 1 20/2	1 10111		150	
Cash Flow Inflate	ed (in thousa	ands \$) :		flation Rate =	2.6%		Elicumbe	ereu –			I	Const. Infl	ation Rates =	=	FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%
Activity	Totals \$		2016			20)17			20	018			20)19			20	20			20:	21
EAL	100		-	10	5	5	-	10	5	5	-	10	5	5	-	10	5	5	-	10	5	5	
Construction	650		-	-	65	65	-	-	65	65	-	-	65	65	-	-	65	65	-	-	65	65	
						-																	
TOTAL	750			17 Total =		150	FY 17/18			150	FY 18/19	7 Total =		150	FY 19/20	Total =		150	FY 20/2	1 Total =		150	
			Encum	bered =			Encumbe	ered =															
Remarks: FAI inc	cludes desig	n hidding co	netruction engin	eering & inch	ection and r	oet-decia	n cervices																

34

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

Last Revision : Fund Source :	3/16/16 SP - To: -								- - - -			Route Nu Project C		- - -	Systemwich Systemwich Systemwich Systemwich System	de Roadwar de ystem Impr Rehabilitation Construction o be determ	rovements on						#	-
Project Schedule																								
Activity			20	16			20	17			20)18			20	19			20)20			20	21
Design Construction																								
Construction																								
Project Cost (in the	ousands \$)		20	16			20	017			20	018			20	019			20	020			20	21
EAL	696			154	154	154	154		10	5	5		10	5	5		10	5	5		10	5	5	
Construction	5,650					2,565	2,565			65	65			65	65			65	65			65	65	
TOTAI	6,346			FY 16/17	Total -		5 746	FY 17/18	Total -		150	FY 18/1	O Total -		150	FY 19/20	Total -		150	FY 20/21	Total -		150	
IOTAL	0,340	1					3,746				130	F Y 18/1	9 10tai –		130	FY 19/20	Total –		130	FY 20/21	rotar –		130	
Cash Flow Inflate	d (in thous	ands \$) :	Encumbered =					Encumbe	ered =]	Const. Infl	ation Rates	=	FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%
Activity	Totals \$		2016 2017								20)18			20	019			20)20			20	21
EAL	696			154	154	154	154	-	10	5	5		10	5	5		10	5	5	- 1	10	5	5	
Construction	5,650			-	-	2,565	2,565	-	-	65	65	-	-	65	65	-	-	65	65	-	-	65	65	

150 FY 18/19 Total =

35

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.

5,746 FY 17/18 Total =

Encumbered =

FY 16/17 Total =

Encumbered =

Includes \$5.0 million in FY 2017 to replace high mast lighting at SR 417 / SR 528 interchange.

TOTAL 6,346

150 FY 20/21 Total =

150

150 FY 19/20 Total =

Current Status: Date Originated: Last Revision: Fund Source: Length (miles):	Design & ROW Ad 6/17/14 4/21/16 SP	equisition		Pri	ority:	1		• • •			Project Na Route Nu Project Ca Work Des	ategory:	er :	SR 417 & Existing S Ramp Imp	SR 528 Ram SR 528 System Improvements OW & Cons	ovements	ments					#	599-126	
From:	-		To:	-				•																
Project Schedule :																								
Activity		20	016			20	17			20	18			20	019			20)20			20	21	
Design Bidding																								
Bidding																								
Construction																								
Right of Way																								
Mitigation																								
Project Cost (in th																								
Activity	Totals \$	20)16			20				20	18			20	019			20	20			20	21	
EAL	1,098		272	10	272	272	272																	
Construction	6,798				2,266	2,266	2,266																	
Right of Way	400		400																					
Mitigation	208		208																					
TOTAL	8,504		FY 16/17		•		FY 17/18		•	2,538	FY 18/19	Total =		-	FY 19/20	Total =		-	FY 20/21	Total =		-	•	
Cash Flow Inflated	d (in thousands \$):		Encumber Base Inflat		2.6%	272	Encumber	red =				Const. Inf	lation Rates	; =	FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%	
Activity	Totals \$	20	016			20	17			20	18			20	019			20)20			20	21	
EAL	1,114		272	10	277	277	277	-	-	-	-	-	-	-	- 1	-	-	-	-	-	- 1	-		
Construction	6,926		-	-	2,309	2,309	2,309	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Right of Way	400		400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Mitigation	208		208	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TOTAL	8,648	1	FY 16/17	Total =		6,062	FY 17/18	Total =		2,586	FY 18/19	Total =	ı	_	FY 19/20	Total =		_	FY 20/21	Total =	1	-		
			Encumber	red =			Encumber												I				<u>.</u>	
Remarks: EAL inc	cludes design, permit	ting, bidding,	construction	n engineerir	g & inspect	ion and po	st-design s	services.																
	ed \$6.8 million const			<u> </u>																				
Includes	s improvements to th	e Southbound	SR 417 off	ramp to We	stbound SR	528.																		
R/W off	fer \$351 thousand &	Mitigation Ba	nk cost \$20	8 thousand.																				

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Current Status:	Design	Priority:	1	Project Name/Number:	SR 429 / CR 535 Northbound Or	Ramp Improvements	# 429-654D
Date Originated:	5/7/15	<u> </u>		Route Number:	SR 429		
Last Revision:	4/21/16			Project Category:	Existing System Improvements		
Fund Source:	SP			Work Description:	On Ramp Improvements		
Length (miles):	-				Design & Construction		
From:	- To: <u>-</u>						
Project Schedule	:						
Activity	2016		2017	2018	2010	2020	2021

Project Cost (in thousands \$):

Design Bidding Construction Toll Equipment

Activity	Totals \$		20)16			201	.7			20	18			20)19		20)20			20	21	
EAL	866			143	143	143	10	143	143	143														
Construction	3,567							1,189	1,189	1,189														
Toll Equipment	420									420														
TOTAL	4,853		•	FY 16/17	Total =	•	438	FY 17/18	Total =	•	4,415	FY 18/19 Tot	al =	•	-	FY 19/20	Total =	-	FY 20/21	Total =	-	-		•
		=		Encumber	red =			Encumber	ed =															

FY 2017 FY 2018 FY 2019 FY 2020 FY 2021 Cash Flow Inflated (in thousands \$): Base Inflation Rate = 2.6% Const. Inflation Rates = 2.5% 2.7% 2.8% 2.6% 2.5%

Activity	Totals \$		2016			20	17			20	18			20	019			20)20			20	21	
EAL	883		144	144	144	10	147	147	147	-	-	-		-	-	-	-	-	-	-	-	-		
Construction	3,682		-	-	-	-	1,227	1,227	1,227	-	-	-	-	-	-	-	-	-	-	-	-	-		
Toll Equipment	439		-	-	-	-	-	-	439	-	-	-	-	-	-	-	-	-	-	-	-	-		
TOTAL	5,004		FY 16/17	7 Total =		441	FY 17/18	Total =		4,563	FY 18/19	Total =		-	FY 19/20	Total =		-	FY 20/21	Total =		-		
		-	Encumbe	ered =			Encumber	red =															_	

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

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

New toll equipment needed for both Epass lanes. (2 Lanes)

Date Originated :	Bidding 5/7/15 4/21/16 SP -			To:		iority : _	1		• • • •			Project Na Route Nur Project Ca Work Des	itegory:		SR 417 / C SR 417 Existing S On Ramp I Bidding &	ystem Impr Improveme	ovements	abound On I	Ramp Imp	rovements			#	417-133
Activity			20	116			20	17			20	10			20	110			21)20			20	21
Bidding			20	10			20	1 /	l		20.	10	I		1	1)			20	120	T		20	21
Construction		1																						
Construction		1																						
Project Cost (in the	ousands \$) :																							
Activity	Totals \$		20	16			20	17			20	18			20	19			20)20			20	21
EAL	178			10	84	84																		
Construction	1,396				698	698																		
TOTAL	1,574	•		FY 16/17		•	1,574	FY 17/18			-	FY 18/19	Total =			FY 19/20	Total =	•	-	FY 20/21	Total =	•		•
				Encumber	red =			Encumbe	red =															
Cash Flow Inflated	`	ds \$) :		Base Inflat	ion Rate =	2.6%							Const. Infl	ation Rates		FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%
Activity	Totals \$	_	20	16			20	17	1		20	18			20	19			20)20			20	21
EAL	180			10	85	85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Construction	1,414			-	707	707	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL	1,593			FY 16/17			1,593	FY 17/18			-	FY 18/19	Total =		-	FY 19/20	Total =		-	FY 20/21	Total =		-	
				Encumber	red =			Encumbe	red =															
Remarks: EAL inc	ludes biddin	g, construct	ion engine	ering & ins	pection and	post-design	services.																	_

2001/17/15 /28/16	n		Priority :	1		<u>.</u>		Route Num		Systemwi		nent Project	te					#	599-132	
P						-						nent Frojec	ıs							
1						-		WOIR Desc	ription .											
		To: -				=				Design D										
						•														
	26	216		2/	17		2/	210		24	010			2/	220			20/	2.1	
)16		20	11/		Z()18			019	l	I	20)20	ı		20.	21	_
0.1		0.1																		
91 759 - 850		91 759 FY 16/17 T Encumbere			FY 17/18 Encumber		-	FY 18/19		-	FY 19/20		FY 2018	-	FY 20/21		FY 2020	-	FY 2021	
759	ds \$) :	759 FY 16/17 T	ed =	850			-		Total =	n Rates =	FY 2017 2.5%		FY 2018 2.7%	-	•		FY 2020 2.6%		FY 2021 2.5%	
759 - 850 in thousan Totals \$		FY 16/17 T Encumbere Base Inflatio	ed =	850						n Rates =	FY 2017				FY 2019				2.5%	
759 - 850 in thousan Totals \$ 91		FY 16/17 T Encumbere Base Inflation	ed =	850	Encumbe					n Rates =	FY 2017 2.5%				FY 2019 2.8%				2.5%	
759 - 850 in thousan Totals \$		FY 16/17 T Encumbere Base Inflatio	on Rate = 2.6%	850	Encumbe	red =	20		Const. Inflation	1 Rates =	FY 2017 2.5%				FY 2019 2.8%		2.6%		2.5%	
759 - 850 in thousan Totals \$ 91		FY 16/17 T Encumbere Base Inflation	on Rate = 2.69	850	Encumbe	red =	20	018	Const. Inflation	n Rates =	FY 2017 2.5%	-		20	FY 2019 2.8%		2.6%	202	2.5%	
759 - 850 in thousan Totals \$ 91		FY 16/17 T Encumbere Base Inflation	on Rate = 2.69	850 6 20 -	Encumbe	red =	20	018	Const. Inflation	n Rates =	FY 2017 2.5%	-		20	FY 2019 2.8%	-	2.6%	202	2.5%	
IS	28/16 28	28/16 20 20 20 30 30 30 30 30 30 30 30 30 30 30 30 30	28/16 To: -	28/16 To: - 2016 sands \$):	28/16 To: 2016 2016 2016 Sands \$):	28/16 To: - 2016 2017 ands \$): Sotals \$ 2016 2017	28/16 To: - 2016 2017 3018 \$ 2016 2017	28/16 To: - 2016 2017 201 2018 \$ 2017 2017 2018 \$ 2017 2017 2018	Project Cat Work Description	Project Category : Work Description :	Project Category : Renewal of Work Description : Backup Doesign-B	Project Category : Renewal & Replacer Work Description : Backup Data Center	Project Category : Renewal & Replacement Project Work Description : Backup Data Center	Project Category : Renewal & Replacement Projects	Project Category : Renewal & Replacement Projects Backup Data Center	Project Category : Renewal & Replacement Projects Backup Data Center	Project Category : Renewal & Replacement Projects Backup Data Center	Project Category : Work Description : Renewal & Replacement Projects Backup Data Center	Project Category : Work Description : Renewal & Replacement Projects Backup Data Center	Project Category : Work Description : Renewal & Replacement Projects Backup Data Center Design-Build

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Current Status: Date Originated: Last Revision: Fund Source: Length (miles): From: Project Schedule:	Study 5/11/15 3/16/16 SP -			То:		ority :	1					Project Na Route Nun Project Ca Work Des	itegory:	r:	Systemwi	System Impr an Study							#	-
Activity			20)16			20	17			20	18			20	019			20	020		1	20.	21
Master Plan Study	,						20				20												20	
Project Cost (in th	ousands \$) :																							
Activity	Totals \$		20)16			20	17			20	18	1		20	019			20)20	T		20	21
Master Plan Study	50			50																				
TOTAI	50		•	FY 16/17 Encumber				FY 17/18 Encumber			-	FY 18/19	Total =		-	FY 19/20	Total =		-	FY 20/21	Total =		-	•
Cash Flow Inflate	`	nds \$) :		Base Inflat	ion Rate =	2.6%							Const. Infl	ation Rates		FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%
Activity	Totals \$		20)16			20	17			20	18			20	019			20)20	ı		20:	21
Master Plan Study	50			50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL	50]		FY 16/17 Encumber				FY 17/18 Encumber			-	FY 18/19	Total =		-	FY 19/20	Total =		-	FY 20/21	Total =		-	
Remarks: Final pr	oduction of	the 2040 M	aster Plan.																					

rrent Status :	No Activity																						
te Originated :	3/1/16							_			Route Num			SR 417									
t Revision :	4/21/16							_			Project Cat				ystem Impr								
d Source :	SP							_			Work Desc	eription:			s, Mill and l								
gth (miles):	3.6							_						Design &	Partial Con	struction							
n:	Internationa	al Drive		To: Jo	hn Young Park	vay		-															
ect Schedule	:																						
Activity			2016			2	017			20	018			20	19			202	20			202	21
gn																							
ing																							
ruction																							
			İ			1																	
` `	housands \$) :		2016			2	017			20	018			20	19			200	20			202	21
	Totals \$		2016			2	017			20	018			20	19		CO.4.			(04	10		21
Activity			2016			2	017			20	018			20	19		684	684	684	684	10	202 415 3,455	21
Activity	Totals \$ 3,161		2016			2	017			20	018			20	119		684			684	10	415	21
Activity	Totals \$ 3,161 3,455					2				20				20			684	684	684		10	415 3,455	21
Activity	Totals \$ 3,161 3,455		F	Y 16/17 To		2	FY 17/18			20	FY 18/19	Total =		20	FY 19/20	Total =	684	684			10	415	21
Activity	Totals \$ 3,161 3,455		F			2				20		Total =				Total =	684	684	684		10	415 3,455	21
Activity	Totals \$ 3,161 3,455		F	Y 16/17 To		2	FY 17/18			20		Total =			FY 19/20	Total =		1,368	684 FY 20/21			415 3,455 5,248	
Activity struction TOTA	Totals \$ 3,161 3,455		F	Y 16/17 To	1 =	-	FY 17/18			-	FY 18/19	Total =	ation Rate	-		Total =	684 FY 2018 2.7%	1,368	684		10 FY 2020 2.6%	415 3,455 5,248	FY 2021 2.5%
Activity truction TOTAL	Totals \$ 3,161 3,455 L 6,616 d (in thousan		F	Y 16/17 Toncumbered	1 =	-	FY 17/18			20	FY 18/19		ation Rate	- S =	FY 19/20	Total =	FY 2018 2.7%	1,368	FY 20/21 FY 2019 2.8%	Total =	FY 2020 2.6%	415 3,455 5,248	FY 2021 2.5%
Activity TOTAL Flow Inflate Activity	Totals \$ 3,161 3,455 L 6,616 Totals \$ 3,499		F E	Y 16/17 Toncumbered	1 =	5%	FY 17/18 Encumber		- 1	-	FY 18/19		ation Rate	- S =	FY 19/20 FY 2017 2.5%	Total =	FY 2018	1,368	684 FY 20/21 FY 2019 2.8%		FY 2020	415 3,455 5,248	FY 2021 2.5%
Activity TOTAL Flow Inflate Activity	Totals \$ 3,161 3,455 L 6,616 d (in thousan		F E	Y 16/17 To	n Rate = 2.	5%	FY 17/18 Encumber	ered =	-	-	FY 18/19			- S =	FY 19/20 FY 2017 2.5%	Total =	FY 2018 2.7%	1,368	FY 20/21 FY 2019 2.8%	Total =	FY 2020 2.6%	415 3,455 5,248	FY 2021 2.5%
Activity TOTAL Flow Inflate Activity	Totals \$ 3,161 3,455 L 6,616 Totals \$ 3,499		F E	Y 16/17 Toncumbered	n Rate = 2.	5%	FY 17/18 Encumber	ered =	-	200	FY 18/19		-	s = 20	FY 19/20 FY 2017 2.5%	Total =	FY 2018 2.7%	1,368	FY 20/21 FY 2019 2.8% 20 754	Total =	FY 2020 2.6%	415 3,455 5,248	FY 2021 2.5%
Activity struction TOTA	Totals \$ 3,161 3,455 L 6,616 Totals \$ 3,499 3,937		Ba 2016	Y 16/17 Toncumbered	n Rate = 2.	5%	FY 17/18 Encumber	ered =	-	200	FY 18/19	Const. Infla	-	s = 20	FY 19/20 FY 2017 2.5%	-	FY 2018 2.7%	200. 754	FY 20/21 FY 2019 2.8% 20 754	Total = 754	FY 2020 2.6%	415 3,455 5,248	FY 2021 2.5%

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Construction estimated complete in Summer 2022.
Estimated total construction cost \$20.7 million (2016 \$).

rrent Status :	No Activity											_											
te Originated :	3/1/16										Route Nun			SR 417									
st Revision:	4/21/16										Project Car				ystem Impr								
nd Source:	SP										Work Desc	cription:			s, Mill and								
gth (miles):	3.8													Design &	Partial Con	struction							
m:	John Young	g Parkway		To: Landsta	r Boulevard			<u>-</u>														· · · · · ·	
ect Schedule																							
Activity			2016			20	017			20	018			20)19			20:	20			202	21
gn																							
ding																							
struction																							
-																							
						1																	
` `	ousands \$) :		2016			_2(017			20	018			20	019			20:	20			202	21
Activity	Totals \$		2016			20	17			20	018			20	19								21
Activity	Totals \$ 3,794		2016			20	017			20	018			20	19	726	726	20. 726	20 726	10		440	21
Activity	Totals \$		2016			20	017			20	018			20	019	726	726			10	440 3,665		21
Activity gn struction	Totals \$ 3,794 7,330		2016			20	017			20	018			20	019	726	726	726	726			440	21
Activity n	Totals \$ 3,794 7,330		FY	6/17 Total =		20	FY 17/18			20	018 FY 18/19	Total =		20	FY 19/20		726	726				440	21
Activity gn struction	Totals \$ 3,794 7,330		FY	6/17 Total = mbered =		20				20		Total =					726	726	726			440 3,665	21
Activity gn struction	Totals \$ 3,794 7,330		FY			2(FY 17/18			20		Total =				Total =	726 FY 2018	2,178	726			440 3,665	FY 2021
Activity gn struction TOTAI	Totals \$ 3,794 7,330 11,124		FY Enc			-	FY 17/18 Encumbe			-	FY 18/19	Total =	ation Rate	- S=	FY 19/20 FY 2017 2.5%	Total =		726 2,178	726 FY 20/21 FY 2019 2.8%		3,665	3,665 8,946	FY 2021 2.5%
Activity gn struction TOTAL n Flow Inflate Activity	Totals \$ 3,794 7,330 11,124 d (in thousan Totals \$		FY Enc	mbered =		-	FY 17/18			- 20	FY 18/19		ation Rate	- S=	FY 19/20	Total =	FY 2018 2.7%	2,178	726 FY 20/21 FY 2019 2.8%	Total =	3,665 FY 2020 2.6%	440 3,665 8,946	FY 2021 2.5%
Activity gn TOTAL Flow Inflate Activity gn	Totals \$ 3,794 7,330 11,124 d (in thousan Totals \$ 4,186		FY Enc	mbered =	e = 2.6%	-	FY 17/18 Encumbe		-	-	FY 18/19		ation Rate	- S=	FY 19/20 FY 2017 2.5%	Total =	FY 2018	726 2,178	726 FY 20/21 FY 2019 2.8%		3,665 FY 2020 2.6%	3,665 8,946 202 498	FY 2021 2.5%
Activity gn struction TOTAL Flow Inflate Activity gn	Totals \$ 3,794 7,330 11,124 d (in thousan Totals \$		FY Enc	mbered =	e = 2.6%	-	FY 17/18 Encumbe	red =	-	-	FY 18/19			- S=	FY 19/20 FY 2017 2.5%	Total =	FY 2018 2.7%	2,178	726 FY 20/21 FY 2019 2.8%	Total =	3,665 FY 2020 2.6%	440 3,665 8,946	FY 2021 2.5%
Activity gn TOTAL Flow Inflate Activity gn	Totals \$ 3,794 7,330 11,124 d (in thousan Totals \$ 4,186		FY Enc	mbered =	e = 2.6%	-	FY 17/18 Encumbe	red =	-	200	FY 18/19		-	s = 20	FY 19/20 FY 2017 2.5%	Total =	FY 2018 2.7%	2,178 2,178 20 795	FY 20/21 FY 2019 2.8% 20 795	Total =	3,665 FY 2020 2.6%	3,665 8,946 202 498	FY 2021 2.5%
Activity ign struction TOTAL Activity ign struction TOTAL Activity ign struction	Totals \$ 3,794 7,330 11,124 d (in thousan Totals \$ 4,186		FY Enc Base 2016	mbered =	e = 2.6%	-	FY 17/18 Encumbe	red =	-	200	FY 18/19	Const. Infl	-	s = 20	FY 19/20 FY 2017 2.5%	Total =	FY 2018 2.7%	2,178 200 795 -	FY 20/21 FY 2019 2.8% 20 795	Total =	3,665 FY 2020 2.6%	3,665 8,946 202 498	FY 2021 2.5%

42

Construction estimated complete in Spring 2022.

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

Date Originated:	No Activity 3/1/16	/		_ P	riority:	1		-			Project N	Name/Numb	er:	SR 429 W SR 429	idening fro	om Plant St	reet to Wes	st Road				#	-	
Last Revision : Fund Source :	4/21/16 SP 2.7							- -				Category: escription:		Existing S Add Lanes										
Length (miles) : From:	Plant Street		То	: West Ro	ad			- -						Design										
Project Schedule :																								
Activity			2016			20	17			2	018			20	119			20)20			202	.1	
Design																								
													-											
			+																					
				1								1												
Project Cost (in th	ousands \$) :		•																					
Activity	Totals \$		2016			20	17			2	018			20	19			20)20	,		202	1	
EAL	1,068																				534	534		
				+																				
TOTAL	1,068		FY 16/1 Encumb	7 Total =	1	-	FY 17/18 Encumbe			-	FY 18/1	19 Total =		-	FY 19/20	Total =		-	FY 20/21	Total =	Į.	1,068		
Cash Flow Inflate	,	nds \$) :		ation Rate	= 2.6%							Const. In	flation Rate		FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%	
Activity	Totals \$		2016			20	17			1	018			20	19			20)20	1	60.4	202	1	
EAL	1,208		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	604	604		
				1																				
TOTAL	1,208		FY 16/1	7 Total =		-	FY 17/18	Total =		-	FY 18/1	19 Total =	1	-	FY 19/20	Total =		-	FY 20/21	Total =		1,208		I .
			Encumb	ered =			Encumbe	ered =																
Remarks: EAL inc		l																						
Year ne						-				-			-					-	-					
Estimate	ed total const	truction cost	\$16.2 million (201	6 \$).																				

43

ESI 18 5/12/2016

FY 17-21

	No Activity			Priority:							me/Number	_		idening iro	m Florida's	Turnpike t	o Plant Str	eet			#	-	
	3/1/16						-			Route Nun		_	SR 429										
Last Revision:	4/21/16						-			Project Cat		_	<u> </u>	ystem Impr									
	SP									Work Desc	ription:	A	Add Lanes	s, Mill and l	Resurface								
Length (miles):	1.5						='					Ι	Design & (Constructio	n								
From:	Florida's Turnp	pike / SR 50	To:	Plant Street			•																
Project Schedule :																							
Activity			2016		20	017			20	18			20	19			20	20			202	21	
Design																							
Bidding																							
Construction																							
	İ																						
Activity EAL	Totals \$ 1,422		2016		20	017			20 185	18	185	185	20 10	19	112	112	20 112	20	112		202	21	
	5,598								185	185	185	185	10	933			933	933	933				—
Construction	1 198																						ــــــ
	2,270		-		+									933	933	933	933	933	933				1
	2,250													933	933	933	933	933	933				₩
TOTAL			EV 16/17	Total =		EV 17/10	Total -		105	EV 19/10	Total =		565			933					2,000		
TOTAL	7,020		FY 16/17		-	FY 17/18			185	FY 18/19	Total =		565	FY 19/20		933		FY 20/21			2,090		
TOTAL			FY 16/17 Encumber		-	FY 17/18 Encumbe			185	FY 18/19	Total =		565			933					2,090		
TOTAL					-				185	FY 18/19	Total =			FY 19/20	Total =			FY 20/21		EV 2020	2,090	EV 2021	
	7,020	\$).	Encumber	ed =	-				185			ion Rates =		FY 19/20 FY 2017	Total =	FY 2018		FY 20/21		FY 2020	2,090	FY 2021	
ash Flow Inflated	7,020	\$):	Encumber Base Inflati	ed =		Encumbe					Total = Const. Infla	ion Rates =	=	FY 19/20 FY 2017 2.5%	Total =		4,180	FY 20/21 FY 2019 2.8%		FY 2020 2.6%		2.5%	
Cash Flow Inflated Activity	7,020 d (in thousands Totals \$	\$):	Encumber	ed =					20	18	Const. Infla		= 20	FY 19/20 FY 2017 2.5%	Total =	FY 2018 2.7%	4,180	FY 20/21 FY 2019 2.8%	Total =		2,090	2.5%	
Cash Flow Inflated Activity EAL	7,020 d (in thousands Totals \$ 1,521	\$):	Encumber Base Inflati	ed =		Encumbe		-				ion Rates =	=	FY 19/20 FY 2017 2.5% 19 122	Total =	FY 2018 2.7%	4,180 20 122	FY 20/21 FY 2019 2.8% 20 122	Total =			2.5%	
Cash Flow Inflated Activity EAL	7,020 d (in thousands Totals \$	\$):	Encumber Base Inflati 2016	ed = ion Rate = 2.6%	20	Encumbe	red =	-	20	18	Const. Infla		= 20	FY 19/20 FY 2017 2.5%	Total =	FY 2018 2.7%	4,180	FY 20/21 FY 2019 2.8%	Total =	2.6%	202	2.5%	
ash Flow Inflated Activity AL	7,020 d (in thousands Totals \$ 1,521	\$):	Base Inflati	ed = ion Rate = 2.6%	20	Encumbe	red =	1	20 195	18	Const. Infla	195	= 20 11	FY 19/20 FY 2017 2.5% 19 122	Total =	FY 2018 2.7%	4,180 20 122	FY 20/21 FY 2019 2.8% 20 122	Total =	2.6%	202	2.5%	
ash Flow Inflated Activity AL Construction	7,020 d (in thousands Totals \$ 1,521 6,102	\$):	Base Inflati	ed = ion Rate = 2.6%	20	Encumbe	red =	1	20 195 -	18	Const. Infla	195	= 20 11 -	FY 19/20 FY 2017 2.5% 19 122 1,017	Total =	FY 2018 2.7%	20 122 1,017	FY 20/21 FY 2019 2.8% 20 122 1,017	Total =	2.6%	202	2.5%	
Cash Flow Inflated Activity	7,020 d (in thousands Totals \$ 1,521 6,102	\$):	Base Inflati	ed = ion Rate = 2.6% Total =	20	Encumbe	Total =	1	20 195 -	18	Const. Infla	195	= 20 11 -	FY 19/20 FY 2017 2.5% 19 122	Total =	FY 2018 2.7%	20 122 1,017	FY 20/21 FY 2019 2.8% 20 122	Total =	2.6%	202	2.5%	

Date Originated : Last Revision : Fund Source :	Study 3/1/16 5/2/16 SP -			То:		iority :	1				Route Nu Project C		er:	Multimoda Systemwic Existing S Multimoda Multimoda	le ystem Imp al/Intermod	rovements lal Study	nnity Study					#	-	
Project Schedule :																								
Activity			201	6			20	17		20	018			20	19			20	020			202	1	
Study																								
Project Cost (in the	ousands \$) :		201	6			20	17		20	018			20	19			20	020			202	1	
Study	1,300			50	50			150	150		150	150			150	150			150	150				
•																								
TOTAL	1 200			FY 16/17	T 1		100	FY 17/18	T 1	200	FY 18/1	0.75 4.1	<u> </u>	200	FY 19/20	T . 1		200	FY 20/2	1 77 . 1		200		
TOTAL	1,300			Encumber			100	Encumbe		300	FY 18/1	9 1 ota1 =		300	FY 19/20	1 ota1 =		300	FY 20/2	1 1 ota1 =		300		
Cash Flow Inflated	`	ds \$) :	F	Base Inflat	tion Rate =	2.6%					J	Const. Inf	lation Rate		FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%	
Activity	Totals \$		201		50			17	150)18	150		20	19	1.50		20	020	150		202	1	
Study	1,300			50	50	-	-	150	150	 -	150	150	-	-	150	150	-	-	150	150	-	-		
TOTAL	1,300			FY 16/17	Total =		100	FY 17/18	Total =	300	FY 18/1	9 Total =		300	FY 19/20	Total =		300	FY 20/2	1 Total =		300		LI CONTRACTOR OF THE CONTRACTO
				Encumber	red =			Encumbe	red =]	·		·		·								
Remarks: Study by	CUTR in F	Y 17.																						

45

Future studies based on findings and recommendations from CUTR study.

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

_	No Activity 3/1/16				Pri	ority :	1					Project Na Route Nur	nme/Numbe		SR 417 W SR 417	idening - C	urry Ford	to Lake Und	lerhill Lan	dscaping			#	-	
	4/21/16											Project Ca	itegory:	Ī	Existing S	ystem Imp	rovements								
Fund Source :	SP											Work Des	cription:	Ī	Landscapi	ng									
Length (miles):	1.6													Ī	Design, In	stallation &	d Maintena	ance							
	Curry Ford 1	Road		To:	Lake Unde	rhill Road																			
Project Schedule :																									
Activity			2016				20	17			20)18			20)19			20)20			202	21	
Design																									
Bidding																									
Installation																									
Maintenance																									
Project Cost (in the Activity	Totals \$		2016				20			1	20)18			20)19			20	20			202	21	
EAL	48					9	9	10	10	10															
Construction	250								125	125															
Maintenance	30										5	5	5	5	5	5									
TOTAL	328	ļ	EX	Y 16/17	Total -		10	FY 17/18	Total -		205	FY 18/19	Total -		20	FY 19/20	Total -	ļ		FY 20/21	Total -		ļ		
TOTAL	328			cumber			18	Encumber			283	F Y 18/19	Total –		20	FY 19/20	Total –		3	FY 20/21	Total –		-	j	
			El	icumber	icu –			Eliculiloci	eu –			1													
																FY 2017		FY 2018		FY 2019		FY 2020		FY 2021	
Cash Flow Inflated	l (in thousand	ds \$):	Ba	se Inflat	ion Rate =	2.6%							Const. Infl	ation Rates	=	2.5%		2.7%		2.8%		2.6%		2.5%	
Activity	Totals \$		2016				20	17			20	018			20)19			20	20			202	71	
EAL	49		2010	- 1	-	9	9	10	10	10	-	-	-	-	- 20	-	-	- 1	-	-	-	-	-		
Construction	260			-	-	-	-	-	130	130	-	-	-	-	-	-	-	- 1	-	-	-	-	-		
Maintenance	32			-	-	-	-	-	-	-	5	5	5	5	5	5	-	-	-	-	-	-	-		
TOTAL	341	· ·	F	Y 16/17	Total =		18	FY 17/18	Total =	l.	296	FY 18/19	Total =	L.	21	FY 19/20	Total =		5	FY 20/21	Total =		-		
'			Eı	ncumber	red =			Encumber	ed =							•				•				_	
Remarks: <u>EAL incl</u>	ludes design,	bidding, cor	nstruction er	ngineerin	ng & inspec	tion and p	ost-design	services.																	

	No Activity				Priority:	1	l	_			Project Na				SR 417 Inte	rchange La	ndscaping					# -		
	3/1/16							_			Route Nur			SR 417										
	4/21/16							_			Project Ca				System Impi									
Fund Source:	SP							_			Work Des	cription:			ge Landscap									
Length (miles):								_						Design, In	nstallation &	z Partial M	aintenance							
From:				To: <u>-</u>				_																
Project Schedule :																								
Activity			2016			2	017			2	018			20	019			20	20			2021		
Design																								
Bidding																								
Installation																								
Maintenance																								
Project Cost (in the Activity	Totals \$		2016			2	017			2	018			20	019			20	120			2021		
EAL	146														32	32	10	36	36					
Installation	900																	450	450					
Maintenance	15																			5	5	5		
•																								
TOTAL	1,061	·		5/17 Total =		-	FY 17/18		•	-	FY 18/19	Total =	•	-	FY 19/20	Total =	•	560	FY 20/21	Total =	•	501	•	
			Encur	mbered =			Encumbe	ered =														_		
															FY 2017		FY 2018		FY 2019		FY 2020	I	FY 2021	
Cash Flow Inflate	d (in thousan	ds \$):	Base I	nflation Ra	te = 2.6%	Ď						Const. Inf	lation Rate	S =	2.5%		2.7%		2.8%		2.6%		2.5%	
Activity	Totals \$		2016			2	017			2	018			20	019			20	20			2021		
EAL	161		-	-	-	-	-	-	-	-	-	-	-	-	35	35	11	40	40	-	- 1	-		
Installation	1,000		-		-	-	-	-	-	-	-	-	-	-	-	-	-	500	500	-	-	-		
Maintenance	17		-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	6		
TOTAL	1,178		FY 16	5/17 Total =		-	FY 17/18	3 Total =	•	-	FY 18/19	Total =	•	-	FY 19/20	Total =		621	FY 20/21	Total =	•	557		
			Encur	nbered =			Encumbe	ered =							•				•					
							•				_													
Remarks: EAL inc	ludes design,	, bidding, cor	nstruction engin	eering & ir	spection and	post-desigr	services.																	

	No Activity				Priority:		[_			Project Na				Florida's Tu	rnpike Inte	rchange Lai	ndscaping				# -	
	3/1/16							_			Route Nur			SR 417	· · ·								
	4/21/16							_			Project Ca				System Impi								
	SP							_			Work Des	cription :			ge Landscar								
Length (miles):				T.				_						Design, In	stallation &	Partial M	aintenance						
From:				To:				_															
Project Schedule :																							
Activity			2016			2	017			20	018			20	019			20	20			2021	
Design																							
Bidding																							
Installation																							
Maintenance																							
Project Cost (in th	ousands \$) : Totals \$		2016			2	017			20	018			2(019			20	120			2021	
EAL	108		2010	T		1	017	T			010	l		20	23	23	10	26	26			2021	1
Installation	650										1				23	23	10	325	325				
Maintenance	15																	323	323	5	5	5	
viaintenance	13																			3	3	3	
TOTAL	773		FY 1	6/17 Tota	al =	-	FY 17/1	8 Total =	1	_	FY 18/19	Total =	-	-	FY 19/20	Total =	ļļ	407	FY 20/21	Total =	· · · · · · · · · · · · · · · · · · ·	366	
				mbered =			Encumb								1								
											_												
															FY 2017		FY 2018		FY 2019		FY 2020	FY	2021
Cash Flow Inflated	d (in thousan	ds \$):	Base I	Inflation	Rate = 2.6	%						Const. Inf	lation Rates	s =	2.5%		2.7%		2.8%		2.6%	2	5%
Activity	Totals \$		2016			2	017			20	018			20	019			20	20			2021	
EAL	119			-		Τ -	-	T -	-	-	-	-	-		25	25	11	29	29	-	-	-	
Installation	722		1 .	-		_	-	-	-	-	-	-	-	-	-	-	-	361	361	-	-	-	
Maintenance	17			-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	6	
TOTAL	858	· ·	FY 1	6/17 Tota	al =	-	FY 17/1	8 Total =	•	-	FY 18/19	Total =	•	-	FY 19/20	Total =	L.	451	FY 20/21	Total =		407	
				mbered =			Encumb								•							•	
Remarks: EAL inc	ludes design	hidding an	netruction engir	neering &	r inspection and	I nost-design	services				_												
Kemaiks. EAL IIIC	ruucs ucsigii	, orduing, cor	isu ucuon engn	icering o	e mspection and	i post-uesigi	i sei vices.																

Date Originated : Last Revision : Fund Source :	Maintenance 5/29/13 4/28/16 SP -	e		To: <u>-</u>		ority :	1		- - - -			Project Na Route Nu Project Ca Work Des	ategory:	<u>:</u>]	SR's 414	n Projects ing	rchange La	ndscape					#	429-200F
Activity			20	016			20	17			20	1 2			21	019			20	20			20	21
Maintenance			20	10			20	17			1	10	I		21	019			20	20			20	21
Mantenance																								
Project Cost (in the	ousands \$) :		20	016			20	017			20	10			21	019			20	20			20	21
Maintenance	25		1	5	5	5	5		l		1	10		I		017	1		20	20			20	21
	25				3	3												t						
TOTAL	25		!	FY 16/17	Total =		20	FY 17/18	Total =		5	FY 18/19	Total =		-	FY 19/20	Total =		-	FY 20/21	Total =		-	•
				Encumber	ed =		20	Encumbe	red =		5					•								•
Cash Flow Inflated	l (in thousan	ds \$) :		Base Inflati	on Rate =	2.6%						•	Const. Infl	ation Rates	=	FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%
Activity	Totals \$		20	16				17			20	18			20	019			20	20			20	21
Maintenance	25			5	5	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
													1											
TOTAL				EX. 16/17	T 1		20	DX 15/10	TD + 1			EX. 10/10) Tr. (1			EX. 10/20	TD + 1			EX. 20/01	T . 1			
TOTAL	25			FY 16/17				FY 17/18 Encumber			5	FY 18/19	7 Iotal =		-	FY 19/20	ı otal =			FY 20/21	ı otal =		-	
Remarks:				Encumber			20	Lincullide	icu –		3													

Current Status:	Design	Priority:	1	Project Name/Number:	SR 429 / SR 414 Interchange Landscape Phase II	# 429-200G
Date Originated:	5/29/13	_		Route Number:	SR's 414, 429 & 451	
Last Revision:	4/21/16			Project Category:	Expansion Projects	
Fund Source:	SP		_	Work Description:	Landscaping	
Length (miles):	-				Design, Installation & Maintenance	
From:	- To: -					
Project Schedule	·					

Project Schedule:

Activity	20		20	11 /		2018	20	19)20	202	1	
Design													
Bidding													
Installation													
Maintenance													

Project Cost (in thousands \$):

Activity	Totals \$		20	16			20)17		2018				20	19		2	020	2021	
EAL	236			53	53	10	60	60												
Installation	1,500						750	750												
Maintenance	40								5 5	5	5	5	5	5	5					
TOTAL	1,776			FY 16/17	Total =		926	FY 17/18 Total =		825 FY	18/19 Tot	tal =	-	20	FY 19/20	Total =	5	FY 20/21 Total =	 -	•
		•		Encumbe	red =			Encumbered =												

FY 2017 FY 2018 FY 2019 FY 2020 FY 2021 Cash Flow Inflated (in thousands \$): 2.5% 2.8% 2.6% 2.5% Base Inflation rate = 2.6% Const. Inflation Rates = 2.7%

Activity	Totals \$		20	016			20	17			20	18			20	019			20	20			20)21	
EAL	240			53	53	10	62	62	-	-	-		-		-	-	-	-	-	-	-	-	-		
Installation	1,538			-	-	-	769	769	-	-	-		-		-	-	-		-	-	-	-	-		
Maintenance	42			-	-	-	-	-	5	5	5	5	5	5	5	5	-		-	-	-	-	-		
TOTAL	1,819			FY 16/17	Total =		947	FY 17/18	Total =		846	FY 18/19	Total =		21	FY 19/20	Total =		5	FY 20/21	Total =		-		
	·	_		Encumber	red =			Encumber	red =	·					·	·	·				·			='	

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

\$1.5 million construction

Date Originated: Last Revision: Fund Source: Length (miles):	PD&E 4/30/10 5/2/16 SP 7.3 Challenger	Parkway		To:	Pri SR 520	ority : _	1					Project Na Route Nur Project Ca Work Des	itegory:	- -	SR 408 System Ex New Expr	essway 15% Line &	ojects						#	408-254
Activity			20	116			20	17			20	10			20	019			2()20			20	21
PD&E			1	10			20	1 /			20	10			20	019			20	J20	I		20	21
Selection																						1		
15% Line & Grade																								
1370 Ellie & Grade	<u> </u>																							
Project Cost (in the Activity PD&E 15% Line & Grade	Totals \$ 1,200 3,000		20	550	550	10	20 23 750	17 23 750	23 750	23 750	20	18			20	019			20)20			20	21
1370 Ellie & Grade	3,000						730	730	730	730												+		
				FY 16/17 Total = 1,883 FY 17/																				
TOTAL	4,200		ļ	FY 16/17	Total =		1.883	FY 17/18	Total =	ļ	2 318	FY 18/19	Total =	ļ		FY 19/20	Total =	ļI		FY 20/21	Total =	-	_	
	.,= -,=	l		Encumbered = 1,100 Encum												1								•
Cash Flow Inflated	`	ds \$) :		Base Inflat	ion rate =	2.6%	ŕ						Const. Infl	ation Rates		FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%
Activity	Totals \$		20					23	23		20	18			20	019			20)20	1		20	21
PD&E	1,202			2016 2017 550 550 10 23						23	-	-	-	-	-	-	-	-	-	-	-	-	-	
15% Line & Grade	3,076			769 76						769	-	-	-	-	-	-	-	-	-	-	-	-	-	
																					1	1		
TOTAL	4.270			EX 16/17	T.4.1		1.002	EV 17/10	T. 4.1	ļ	2.27/	EV 10/10	T. 4.1	ļ		EV 10/20	T. 4.1			EV 20/21	T. 4.1			
TOTAL	4,278			FY 16/17				FY 17/18 Encumber			2,3/6	FY 18/19	i otal =		-	FY 19/20	ı otal =		-	FY 20/21	ı otal =		-	
Remarks: PD&E \$2			maining; inceded at conclu-		tional 10%	for PM fees	/	Encumber	.eu =			I												

_	Selection 3/1/16			Priori	ty : _	1					Project Na Route Nu	ame/Number	::	SR 528 / N	Northeast D	istrict Conr	nector Study				#	528-215	
Last Revision : : Fund Source : : Length (miles) :	5/3/16 SP 8.0 SR 528		To: No	rtheast Dist	trict						Project Ca Work Des	itegory:	•	New Expr		ojects & Mobility	Study						
roject Schedule :		<u>.</u>																					
Activity		2016				20	17			20	18			20)19			2020			20:	21	
Selection																							
C, F & M Study																							
roject Cost (in tho	usands \$):																						
Activity	Totals \$	2016				20	17			20	18			20	19			2020			20:	21	
election	10		10																				
F & M Study	1,100			275	275	275	275																
TOTAL	1 110	EV	16/17 Tot	-1-		925	FY 17/18	Tatal -		275	FY 18/19	Tatal -			FY 19/20	Tatal -		EV 20/	21 Total =				
IUIAL	1,110		cumbered:			- 833	Encumber			213	FY 18/19	r rotar –			FY 19/20	Total –		- FY 20/	21 10tai –		-		
ash Flow Inflated	(in thousands \$):		e Inflation		2.6%		Elicamoc	·ou			I	Const. Infl:	ation Rates	=	FY 2017 2.5%		FY 2018 2.7%	FY 201 2.8%		FY 2020 2.6%		FY 2021 2.5%	
Activity	Totals \$	2016				20	17			20	18			20	19			2020			20:	21	
election	10		10	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-		
, F & M Study	1,100		-	275	275	275	275	-	-	-	-	-	-	-	-	-	-		-	-	-		
	1110																						
TOTAL	1,110		16/17 Tot			835	FY 17/18			275	FY 18/19	Total =		-	FY 19/20	Total =		- FY 20/	21 Total =		-		
		Enc	cumbered :			-	Encumbe	rea =			J												
	examine north / south co									miles. Task	Force Cor	ridor H.											

Current Status : Date Originated : Last Revision : Fund Source : Length (miles) : From:	Selection 3/1/16 5/3/16 SP -			To:		ority :	1]	Project Nam Route Numb Project Cate Work Descr	ber : egory :		New Expr	pansion Pro	*	Study					#	-
Project Schedule :																								
Activity			20	16			201	17			201	8			20)19			20)20			202	21
OCX Master Plan																								
OCX C, F & M St	udies																							
Selection																								
C, F & M Study																								
Project Cost (in the	Totals \$		20	016			20:	17			201	8			20)19			20)20			202	21
Selection	30			10	10					10														
OCX C, F & M	4,250				1,063				400		2.50	2.50	250	2.50										
C, F & M Study	2,600					1,063 1,063 1,063 1,063 400 400 400					250	250	250	250										
TOTAL	6,880			FY 16/17	Total =		4,008	FY 17/18	Total -	ļ	2 122	FY 18/19 T	Cotol =		750	FY 19/20	Total -			FY 20/21	Total -		-	
IOTAL	0,000			Encumber				Encumber			- 2,123	1 1 10/17 1	otai –		730	1 1 19/20	Total –			1 1 20/21	Total –			
Cash Flow Inflated	l (in thousan	ids \$) :		Base Inflat		2.6%	l						Const. Infla	ation Rates	=	FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%
Activity	Totals \$		20	16			201	17			201	8			20)19			20)20			202	21
Selection	30			10	10	-	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	
OCX C, F & M	4,250			-	1,063	1,063	1,063	1,063	-	-	-	- 250	-	-	-	-	-	-	-	-	-	-	-	
C, F & M Study	2,600			-	-	400	400	400	400	-	250	250	250	250	-	-	-	-	-	-	-	-	-	
TOTAL	6.880			FY 16/17	Total =		4 008	FY 17/18	Total =		2 123	FY 18/19 T	otal =		750	FY 19/20	Total =		_	FY 20/21	Total =		_	

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Remarks: Icludes future expansion projects in Lake, Orange, Osceola and Seminole Counties.

OCX in FY 2017; SR 414 Direct, Andes Avenue and NE Connector Expwy Ext in FY 2017; Lake/Orange Connector in FY 2018.

- Encumbered =

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

Encumbered =

Current Status : Date Originated :	No Activity 3/1/16			Priorit	y:	1				Project Name Route Number	er:	SR 42		tion 1A Lan	dscaping					#	•
Last Revision : Fund Source : Length (miles) :	4/21/16 SP									Project Categ Work Descrip		Lands	sion Projects caping n, Installation &	& Maintenan	ce						
From:	US 441 Inte	erchange	To:	North of Ponka	an		•														
Project Schedule :																					
Activity			2016			2017			201	.8			2019			20	20			202	21
Design																					
Bidding																					
nstallation																					
Maintenance																					
Project Cost (in the	ousands \$) :		2016			2017			201	8			2019			20	20			200	<u>!</u> 1
EAL	184	T			4	1 41	10	46	46	I		T									
nstallation	1,150							575	575												
Maintenance	40									5	5	5	5 5	5	5	5					
						1															
TOTAI	1,374		FY 16/17	Total =	4	1 FY 17/18	Total =		1,293	FY 18/19 To	otal =	*	20 FY 19/20	Total =	*	20	FY 20/21	Total =	•	-	
			Encumber	red =	-	Encumber	red =		-												
			<u> </u>										FW 2017		FY 2018		FY 2019		FY 2020		FY 2021
													FY 2017								2.5%
ash Flow Inflate	d (in thousan	ds \$) :	Base Inflat	ion Rate =	2.6%					Co	onst. Inflatio	n Rates =	FY 2017 2.5%		2.7%		2.8%		2.6%		2.3/0
	`	ds \$) :	Base Inflat	ion Rate =		017			201		onst. Inflatio	on Rates =	2.5%						2.6%	200	
Activity	Totals \$	ds \$) :	Base Inflat	ion Rate =		2017	10	48	201		onst. Inflatio	on Rates =	2.5%			20		_	2.6%	202	
Activity	Totals \$	ds \$) :	2016	ion Rate =	- 4:		10	48	48		-	-	2.5%	-				-	-	-	
Activity EAL nstallation	Totals \$ 191 1,203	ds \$) :	2016	ion Rate =	- 4: 	2 42	-	602	48 602	8	-	- ·	2.5%	5	2.7%	20	20 - -		2.6%	-	
Cash Flow Inflate Activity EAL Installation Maintenance	Totals \$	ds \$) :	2016		- 4:	2 42			48	8	-	-	2.5%	-	2.7%	20	20		-	-	
Activity EAL nstallation	Totals \$ 191 1,203 42	ds \$):	2016		- 4. 	2 42	-	602	48 602 -	8	5	5	2.5%	5	2.7%	20 - - 5	20 - -	-	-	-	

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EXP 6 5/12/2016

FY 17-21

Current Status :	No Activity				Pric	ority:	1						ne/Number :		kiva Parkw 429	ay Section 1B Lan	dscaping					# -	
Date Originated: Last Revision: Fund Source: Length (miles):	3/1/16 4/21/16 SP											Route Num Project Cate Work Descr	egory:	Exp	oansion Pro dscaping	jects ation & Maintenar	nce						
rom:	North of Po	nkan Road		To:	North of Ke	elly Park Ro	ad																
Project Schedule :	:																						
Activity			201	.6			20)17			20	18			2019			20	20			2021	
Design																							
Bidding																							
nstallation																							<u> </u>
Maintenance																							Щ
Project Cost (in th	Totals \$		201	6			.20	017			20	10			2019			20	20			2021	_
EAL	240		201	.0	l		20)1 /			55	55	10	60	60		I	20	20		1	2021	
nstallation	1,500										33	33	10	750	750								₩
Maintenance	40													730	730	5 5	5	5	5	5	5	5	
	1																						
TOTAL	1,780			FY 16/17	Total =		-	FY 17/18	Total =	ļ	55	FY 18/19	Total =	-	1.685 FY	7 19/20 Total =		20	FY 20/21	Total =		20	
-	,			Encumber			-	Encumber			-				,							<u> </u>	
			_																				
																2017	FY 2018		FY 2019		FY 2020	FY 2021	
ash Flow Inflated	d (in thousand	ds \$):	I	Base Inflat	tion Rate =	2.6%						(Const. Inflat	ion Rates =	2	2.5%	2.7%		2.8%		2.6%	2.5%	
Activity	Totals \$		201	.6			20)17			20	18			2019			20	20			2021	
AL	255			-		-	-	_	-		58	58	11	64	64		-	-	-	-	- 1	-	
nstallation	1,613			-	-	-	-	-	-	-	-	-	-	807	807		-	-	-	-	-	-	
Maintenance	44			-	-	-	-	-	-	-	-	-	-	-	-	5 5	5	5	5	5	5	5	
																							<u> </u>
TOTAL	1,912			FY 16/17			-	FY 17/18			58	FY 18/19	Γotal =		1,811 FY	7 19/20 Total =		22	FY 20/21	Total =		22	
				Encumber	red =		-	Encumber	red =		-												
Remarks: EAL inc																							

Date Originated : Last Revision : Fund Source :	Construction 7/7/11 3/16/16 SP / CF 2.3	n		iority :	1		- - -			Project Na Route Nu Project Ca Work Des	ategory:		Wekiva P SR 429 Expansion New Expr Construct	ressway	tion 1A						#	429-202		
2 ()	US-441 Inte	rchange	To:	North of P	onkan Roac	1		_							-									
Project Schedule :																								
Activity			2016			20	017			20	018			20	019			202	20			20	21	
Construction												1												
Toll Equipment																								
Project Cost (in th																								
Activity	Totals \$		2016			20)17	_		20)18			20	019			202	20			20	21	
EAL	2,701		900	900	900																			
Construction	28,429		9,476	9,476	9,476																			
Toll Equipment	1,680				1,680																			
TOTAL	- 22.010		EX. 1.6/17	TD + 1		22.010	EX. 15/10) TD + 1			EX. 10/10	\m_ + 1			EX. 10/2/	T . 1			EX. 20/21	TD + 1				
TOTAL	32,810	1	FY 16/17 Encumbe				FY 17/18 Encumber			-	FY 18/19) I otal =		-	FY 19/20	l otal =		-	FY 20/21	I otal =		-		
						32,810	Encumbe	erea =		-]				FY 2017		FY 2018		FY 2019		FY 2020		FY 2021	
Cash Flow Inflated	d (in thousand	ds \$):	Base Infla	tion Rate =	2.6%							Const. Inf	ation Rates	=	2.5%		2.7%		2.8%		2.6%		2.5%	
Activity	Totals \$		2016			20)17			20)18			20	019			202	20			20	21	
EAL	2,701		900	900	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Construction	28,429		9,476	9,476	9,476	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Toll Equipment	1,680		-	-	1,680	-	-	-	_	-	-	-	-	-	-	-	-	-	-	-	-	-		
TOTAL	32,810	1	FY 16/17				FY 17/18			-	FY 18/19	Total =		-	FY 19/20	Total =		-	FY 20/21	Total =		-		
	Encumbered = 32,810 E									-]													
	emarks: EAL includes construction engineering & inspection and post-design services. Low Bid \$56.2 m. Additional 3% cost to complete. Includes gantry for this section. CEI po									4.1 m cont	ract) nost	design cost	~1% const	ruction) a	nd miscella	neous PM	fees							

urrent Status : ate Originated : ast Revision : und Source : ength (miles) : rom:	Construction 7/7/11 3/16/16 SP / CF 2.3 North of Po		To: North o	Priority :	Road		- - - - -			Route Numl Project Cate Work Descr	tegory:	SR 4 Expa New	va Parkway S 29 nsion Project Expressway truction							#	429-203	
roject Schedule	:	2016			20	17			24	210			2010			24	20			2(221	
Activity		2016			20)17	1		20	018			2019			20	020	ı		20	021	
Instruction										 												
					-			-											-			
				_	 			 							 			-	 			
					1		+	+		-					 			1	+			
		2016			20)17			. 21	118			2019			. 21	020			20	021	
Activity AL onstruction	Totals \$ 2,568 22,604	2016 850 7,53	7,53:	7,535		017			20	018			2019			20	020			20	021	
Activity AL construction TOTA	Totals \$ 2,568 22,604	850 7,53 FY 1	6/17 Total	7,535	25,173	FY 17/1			-	FY 18/19 T	Total =			20 Total =		-	020 FY 20/21	Total =		-	021	
Activity AL onstruction TOTA	Totals \$	850 7,53 FY 1 Encu	7,53:	7,535	25,173 25,173	FY 17/1 Encumb			-	FY 18/19 T	Total =	on Rates =	- FY 19 FY 20 2.5%	7	FY 2018 2.7%	-	FY 20/21 FY 2019 2.8%		FY 2020 2.6%	-	FY 2021 2.5%	
Activity AL onstruction TOTA ash Flow Inflate Activity	Totals \$	850 7,53 FY 1 Encu	5 7,53: 6/17 Total = mbered =	= 2.6%	25,173 25,173 25,173	FY 17/1 Encumb				FY 18/19 T	Const. Inflatio	on Rates =	- FY 19 FY 20 2.5% 2019	7	2.7%	- 20	FY 20/2 FY 2019 2.8%			- 20	FY 2021	
Activity AL TOTA ash Flow Inflate Activity	Totals \$	850 7,53 FY 1 Encu Base 2016	5 7,53: 6/17 Total = mbered = nflation Ra	tte = 2.6%	25,173 25,173 26,173	FY 17/1 Encumb		-		FY 18/19 T	Const. Inflatio	on Rates =	- FY 19 FY 20 2.5% 2019	7	2.7%	20	FY 20/21 FY 2019 2.8%	-		20	FY 2021 2.5%	
Activity ACTA TOTA Activity Activity	Totals \$	850 7,53 FY 1 Encu	5 7,53: 6/17 Total = mbered = nflation Ra	te = 2.6%	25,173 25,173 25,173	FY 17/1 Encumb		-		FY 18/19 T	Const. Inflatio	on Rates =	- FY 19 FY 20 2.5% 2019	7	2.7%	- 20	FY 20/2 FY 2019 2.8%			- 20	FY 2021 2.5%	
Activity Activity TOTA Activity Activity	Totals \$	850 7,53 FY 1 Encu Base 2016	5 7,53: 6/17 Total = mbered = nflation Ra	tte = 2.6%	25,173 25,173 26,173	FY 17/1 Encumb				FY 18/19 T	Const. Inflatio	on Rates =	- FY 19 FY 20 2.5% 2019	7	2.7%	20	FY 20/21 FY 2019 2.8%	-		20	FY 2021 2.5%	
Activity Activity TOTA Activity Activity	Totals \$	850 7,53 FY 1 Encu Base 2016 8 7,5	5 7,53: 6/17 Total = mbered = nflation Ra	= 2.6% 56 856 85 7,535	25,173 25,173 25,173	FY 17/1 Encumb	ered =			FY 18/19 T	Const. Inflation	on Rates =	- FY 19 FY 20 2.5% 2019	7	2.7%	20	FY 20/21 FY 2019 2.8%	-		20	FY 2021 2.5%	

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

Current Status: Date Originated: Last Revision: Fund Source: Length (miles): From:	Construction 7/7/11 4/21/16 SP / CF 2.0 North of Kel		pad	To:		tority:	1 Jorth to Lak	re County	- - - - Line			Project Na Route Nur Project Ca Work Des	itegory:	er:	Wekiva Pa SR 429 Expansion New Expr Construction	Projects ressway	etion 2B						#	429-204	
Project Schedule																									
Activity			20	016			20	17			20	18			20)19			20)20			20	21	
Construction																									
Utilities																									
																			-						
			<u>. </u>						<u> </u>		<u> </u>	<u> </u>			<u> </u>	<u> </u>	<u> </u>	<u>l</u>		<u> </u>	<u> </u>				
Project Cost (in th	nousands \$):																								
Activity	Totals \$		20	016			20	17			20	18			20)19			20)20			20	21	
EAL	8,786			1,464	1,464	1,464	1,464	1,464	1,464																
Construction	70,230			11,705	11,705	11,705	11,705	11,705	11,705																
Utilities	2,000				2,000																				
TOTAI	81,016	j		FY 16/17				FY 17/18				FY 18/19	Total =		-	FY 19/20) Total =		-	FY 20/21	Total =		-		
				Encumber	red =		54,678	Encumbe	ered =		26,339]													
Cash Flow Inflate	d (in thousand	s \$) :		Base Inflat	tion Rate =	2.6%							Const. Inf	ation Rate	_S =	FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%	
Activity	Totals \$		20	016			20	17			20	018			20)19			20)20			20	21	
EAL	8,786			1,464	1,464	1,464	1,464	1,464	1,464	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Construction	70,230			11,705	11,705	11,705	11,705	11,705	11,705	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Utilities	2,000			-	2,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
mom. r	21.016			777.4.6/4.5	m . 1		54.650	F77.45/46			2 (22)	TT 10/10				EXT. 4.0 (0.0	<u> </u>			TT 1 00 (0.4	m . 1				
TOTAI	81,016]		FY 16/17	FY 17/18				FY 18/19	Total =		-	FY 19/20) Total =		-	FY 20/21	Total =		-	ļ				
				Encumber	reu =		54,678	Encumbe	erea =		26,339	J													
Remarks: EAL inc	cludes constru	ction engir	neering and	and post d	esign servi	ces																			
	ction contract						0% constru	ction), pos	st design co	sts (~1% co	onstruction), and misc	ellaneous F	M fees.											
	\$2 m Utility of			1		'(-		· // F		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,,													

Current Status: Date Originated: Last Revision: Fund Source: Length (miles): From:	Construction 7/7/11 3/16/16 SP / CF 2.0 East of CR 43	7	iority :	1 Road					Project Na Route Nun Project Ca Work Des	ategory :		Wekiva P SR 429 Expansion New Expr Construct	essway	etion 2A						#	429-205			
Activity			2016			20	17			20)18			20)19			20	20			20.	21	
Construction																								
Toll Equipment																								
Utility																								
Project Cost (in the	ousands \$) :		2016			20	117			20	018			20	019			20	20			20.	71	
EAL	6,338		1,056	1,056	1,056	1,056	1,056	1,056		20	710	1		20)1)	1		20	1			20.	21	
Construction	43,740			7,290	7,290	7,290	7,290	7,290																
Toll Equipment	1,680		7,290	7,290	7,290	7,290	7,290	1,680																
Utility	1,080					1,200		1,680																
			EV 16/17	T . 1			EN 15/10	m . 1		10.272	EX. 10/10	\T 1			EX. 10/20	1			EX. 20/21	TT + 1				
TOTAL	52,958		FY 16/17				FY 17/18				FY 18/19) 1 ota1 =		-	FY 19/20	I otal =		-	FY 20/21	I otal =		-		
Cash Flow Inflate		\$):		tion Rate =	2.6%	,	Encumber	rea =		18,373		Const. Infl	ation Rates		FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%	
Activity	Totals \$		2016			20				20)18			20)19			20	20			20.	21	
EAL Construction	6,379		1,063	1,063	1,063	1,063	1,063	1,063	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Construction	44,013		7,335	7,335	7,335	7,335	7,335	7,335	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Toll Equipment	1,747	_	-	-	-	-	-	1,747	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Utility	1,200		-	-	-	1,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TOTAL	53,339	•	FY 16/17	Total =		34,795	FY 17/18	Total =		18,544	FY 18/19	Total =		-	FY 19/20	Total =		-	FY 20/21	Total =	•	-		
			Encumbe	red =		34,795	Encumber	red =		18,544					•				•				•	
											_													

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

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

Date Originated : Last Revision : Fund Source : Length (miles) : From:	Construction 7/7/11 4/21/16 SP / CF 1.3 Lake County	Lake Road	1				Project Na Route Nu Project Ca Work Des	ategory :		SR 429		etion 2C						#	429-206					
Project Schedule :																								
Activity			2016			20)17			20)18	1		2	019	1		20	20			202	21	
Construction																								\longmapsto
Toll Equipment																								
Project Cost (in the	ousands \$) :		2016			20)17			20	018			2	019			20	20			202)1	
EAL	7,167		1,164	1,164	1,164	1,164	1,164	1,346		1	110	1			019	T T		20	1	l e	I	202	2.1	
Construction	49,483		8,247	8,247	8,247	8,247	8,247	8,247				1												
Toll Equipment	1,680		0,247	0,247	0,247	0,247	0,247	1,680				1												
Ton Equipment	1,000							1,000																
TOTAL	58,330		FY 16/17	Total =	l .	37.645	FY 17/18	Total =		20.684	FY 18/19	Total =		_	FY 19/20) Total =	<u> </u>	_	FY 20/21	Total =	1	_	j	
			Encumber			-	Encumbe								1									
Cash Flow Inflated		s \$) :	Base Infla	tion Rate =	2.6%						•	Const. Inf	ation Rates		FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%	
Activity	Totals \$		2016)17			20)18			2	019			20	20			202	21	
EAL	7,213		1,172	1,172	1,172	1,172	1,172	1,354	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Construction	49,792		8,299	8,299	8,299	8,299	8,299	8,299	-	-	-	-	-	-	-	-	-	-	-	-	-	-		1
Toll Equipment	1,747		-	-	-	-	-	1,747	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
																								1
TOTAL	58,752		FY 16/17			37,882	FY 17/18			20,870	FY 18/19	7 Total =		-	FY 19/20) Total =		-	FY 20/21	Total =		-		
			Encumber	red =		-	Encumbe	red =		-]													
Domarks: EAI inc	ludos construc	tion anginas	ring and inspection	and nost de	osian sorvi	205																		

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

Last Revision : Fund Source : Length (miles) :	Right of Way 4/1/97 5/6/15 SP / CF - US 441	y Acquisition	To:	Pri East of Mt	ority :	1 Road and r	northwest to	SR 46			Project Na Route Nur Project Ca Work Des	itegory:	<u> </u>	SR 429 - W SR 429 Expansion New Expre Right of W	Projects ssway	way (Righ	t of Way)					#	-	
Project Schedule :																								
Activity		2	2016			20	17			20	18			20	19			202	20			202	21	
Right of Way (Sec	ction 1A)	I																						
Right of Way (Sec	ction 1B)																							
Right of Way (Sec	ction 2B)																							
Right of Way (Sec	ction 2A)																							
Right of Way (Sec	ction 2C)																							
Project Cost (in th	ousands \$) :	·																						
Activity	Totals \$	2	2016			20	17			20	18			20	19			202	20			202	21	
ROW (Sect 1A)	8,353		1,075	1,075	1,075	1,075	1,075	1,075	1,075	206	206	206	206											
ROW (Sect 1B)	31,789		4,093	4,093	4,093	4,093	4,093	4,093	4,093	785	785	785	785											
ROW (Sect 2B)	16,284		1,468	1,468	1,468	1,468	1,468	1,468	1,468	1,468	1,468	1,468	402	402	402	402								
ROW (Sect 2A)	3,137		314	314	314	314	314	314	314	314	314	77	77	77	77									
ROW (Sect 2C)	9,163		917	917	917	917	917	917	917	917	917	226	226	226	226									
TOTAL	68,726		FY 16/17			31,468	FY 17/18			27,292	FY 18/19	Total =		8,858	FY 19/20	Total =		1,108	FY 20/21	Total =		-		
Cash Flow Inflated	d (in thousand	ls \$):	Encumber Base Inflat		2.6%		Encumber	red =				Const. Infl	ation Rates	=	FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%	
Activity	Totals \$	2	2016			20				20				20	19			202	20			202	21	
ROW (Sect 1A)	8,353		1,075	1,075	1,075	1,075	1,075	1,075	1,075	206	206	206	206	-	-	-	-	-	-	-	-	-		
ROW (Sect 1B)	31,789		4,093	4,093	4,093	4,093	4,093	4,093	4,093	785	785	785	785	-	-	-	-	-	-	-	-	-		
ROW (Sect 2B)	16,284		1,468	1,468	1,468	1,468	1,468	1,468	1,468	1,468	1,468	1,468	402	402	402	402	-	-	-	-	-	-		
ROW (Sect 2A)	3,137		314	314	314	314	314	314	314	314	314	77	77	77	77	-	-	-	-	-	-	-		
ROW (Sect 2C)	9,163		917	917	917	917	917	917	917	917	917	226	226	226	226	-	-	-	-	-	-	-		
TOTAL	68,726		FY 16/17 Encumber			31,468	FY 17/18 Encumber			27,292	FY 18/19	Total =		8,858	FY 19/20	Total =		1,108	FY 20/21	Total =		-		
Remarks: No infla	tion has been	added. Annual esc	alation assum	ned to be in	cluded in to	otal dollars	allocated p	er fiscal ye	ar.															

Current Status : Date Originated : Last Revision : Fund Source : Length (miles) : From:	Construction 3/1/95 4/27/16 SP - SR 408/SR			 Γο: Lake	Priority :	1					Route N Project (Name/Num Jumber: Category: escription:		SR 408/SR SR 408 / SF Interchange Add Ramp Construction	R 417 Projects s, Mill and		se I)					#	253F	
Project Schedule :																								
Activity			2016			2	017			20	018			20	19			2	020			20	21	
Construction										T	T								T				1	
							<u> </u>																	
Project Cost (in th	ousands \$):																							
Activity	Totals \$		2016				017			20	18			20	19			2	020			20	21	
EAL	3,244				811 811																			
Construction	27,032		6,7:	58 6	6,758 6,758	6,758																		
TOTAL	20.276		EV 16	/17 Tr. 4 1	1	20.276	EST 17/1	0.T. 4.1			EX7 10/1	10 T / 1			EX 10/20) T 4 1			EV 20/21	LT 4 1				
TOTAL	30,276			/17 Total			FY 17/1 Encumb			-	FY 18/1	19 Total =		-	FY 19/20	1 otai =		-	FY 20/21	i i otai =		-	j	
Cash Flow Inflate	`	nds \$) :	Base In	flation ra		б	1	ocicu –				Const. I	nflation Rate		FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%	
Activity	Totals \$		2016				017			20	18			20	19			2	020			20	21	
EAL	3,244		811 811			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Construction	27,032		6,7:	58 6	6,758 6,758	6,758	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
				_																				
TOTAL	20.276		EV 16	/17 Total	1 –	20.276	FY 17/1	0 T-4-1 —		1	EV 10/1	19 Total =			FY 19/20	T-4-1 -			FY 20/21	T-4-1 -	1			
TOTAL	30,276		Encun	Encumb			-	FY 18/1	19 Total =		-	FY 19/20	1 total =			FY 20/21	i iotai =		-	1				
	emarks: EAL includes construction engineering & inspection and post-design services. Low Bid = \$36.7 m; Construction began January 2016; 18 month duration																							

Current Status : Date Originated : Last Revision : Fund Source : Length (miles) : From:	No Activity 3/1/95 4/21/16 SP - SR 408/SR			To: Lake U	Priority:	1					Project N Route Nu Project C Work Des	ategory:	ег:	SR 408/SR SR 408 / SR Interchange Add Ramps Design, Bid	Projects s, Mill and	Resurface	ee II)					#	253G	
Project Schedule :																								
Activity			2016			20)17			20	18			20	19			2	020			202	<u>!</u> 1	
Design														1					1					
Design Bidding																								
Construction	truction																							
Project Cost (in th																								
Activity	Totals \$		2016	00	20		017	000	000	20		220	0.20	20				2	020	1		202	1	
EAL	7,708			90	90 90	10	928	928	928	928			928											
Construction	61,896						7,737	7,737	7,737	7,737	7,737	7,737	7,737	7,737										
		-			_									-							-			
TOTAL	69,604		EV 14	6/17 Total =		290	FY 17/18	Total -		34,662	FY 18/19	0 Total -		24 662	FY 19/20	Total -			FY 20/21	Total =		_		
TOTAL	07,004]	Encui	mbered =		200	Encumber			34,002	1 1 10/12	7 I Otal —		34,002	1 1 19/20	r Total –			1 1 20/21	10tai –				
Cash Flow Inflate	`	nds \$) :	Base I	Inflation rat	re = 2.6%						1	Const. Inf	lation Rate		FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%	
Activity	Totals \$		2016)17			20		•		20				2	020			202	.1	
EAL	7,954			91	91 91	10	959	959	959	959	959		959			-	-	-	-	-	-	-		
Construction	63,886					-	7,986	7,986	7,986	7,986	7,986	7,986	7,986	7,986	-	-	-	-	-	-	-	-		
	1											1							 	ļ				
TOTAL	71.040			202	EV 17/10	T 4 1		25 770	EST 10/10) T (1		25 770	EV 10/20	VT 4 1			FY 20/21	Tr 4 1						
TOTAL	71,840	J		6/17 Total = mbered =	=	282	FY 17/18 Encumber			35,779	FY 18/19	9 1 ota1 =		35,779	FY 19/20	1 otal =		-	FY 20/21	1 ota1 =		-		
Remarks: EAL inc			bidding, constru		ection and j	oost-design	services.																	

Date Originated : Last Revision : Fund Source :	No Activit 4/12/05 4/21/16 SP	у	То:		ority : _	1					Project Na Route Nur Project Ca Work Desc	nber : tegory :	- -	SR 429 Interchang Landscapi	ge Projects	oad Interch	-	scaping				#	429-305
Project Schedule :																							
Activity			2016			20	17			20)18			20)19			20)20			20	21
Landscape Design																							
Bidding																							
Landscape Installa	tion																						
Landscape Mainter	nance																						
_																							
Project Cost (in the Activity EAL Landscape Inst. Landscape Maint TOTAL Cash Flow Inflated	Totals \$ 63 350 40 453		2016 FY 16/17 Encumber Base Inflat	red =	2.6%		FY 17/18 Encumber		28 350	406	FY 18/19		5 sation Rates	5 20	5 FY 19/20 FY 2017 2.5%		5 FY 2018 2.7%	15	FY 20/21 FY 2019 2.8%		FY 2020 2.6%	-	FY 2021 2.5%
Activity	Totals \$		2016			20	17			20)18			20	19			20	20			20	21
EAL	65		-	-	-	12	13	10	29	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landscape Inst.	366		-	-	-	-	-	-	366	-	-	-	-	-	-	-	-	-	-	-	-	-	
Landscape Maint	42		-	-	-	-	-	-	-	5	5	5	5	5	5	5	5	-	-	-	-	-	
TOTAL	474		FY 16/17			12	FY 17/18			424	FY 18/19	Total =		21	FY 19/20	Total =		16	FY 20/21	Total =		-	
Remarks: EAL incl	ludes desig	n, bidding, con	Encumber		ction and p	- oost-design	Encumber services.	red =			J												

Project Schedule : Activity 2016 Landscape Design Bidding Landscape Installation Landscape Maintenance	2017	2018	2019	2020	
Landscape Design Bidding Landscape Installation	2017	2018	2019	2020	
Bidding Landscape Installation					2021
Landscape Installation					
Landscape Maintenance					
Project Cost (in thousands \$) : Activity	2017 26 26 10 30 375	2018 30 375 5 5 5	5 5 5 5	2020	2021
TOTAL 012	50 777 15 (10 75 - 1	005 774 10/10 77 4 1	20 57/10/20/5	15 774 20/21 7	
TOTAL 912 FY 16/17 Total = Encumbered =	52 FY 17/18 Total = Encumbered =	825 FY 18/19 Total =	20 FY 19/20 Total =	15 FY 20/21 Total =	-
Cash Flow Inflated (in thousands \$): Base Inflation Rate = 2.6	2.6%	Const. Inflation F	Rates = 2.5%	Y 2018 FY 2019 2.7% 2.8%	FY 2020 FY 2021 2.6% 2.5%
Activity Totals \$ 2016	2017	2018	2019	2020	2021
× · × · -=:	27 27 10 31 390	***			
Landscape Maint 42		- 5 5 5	5 5 5 5	5	
Editocope France. 12		3 3 3			
TOTAL 947 FY 16/17 Total = Encumbered = Remarks: EAL includes landscape design, construction engineering & inspection for	53 FY 17/18 Total = Encumbered =	857 FY 18/19 Total =	21 FY 19/20 Total =	16 FY 20/21 Total =	-

Current Status:	Design-Build	Priority:	1	Project Name/Number:	SR 528 / Innovation Way Interchange	# 528-313
Date Originated:	3/28/07			Route Number:	SR 528	
Last Revision:	5/2/16			Project Category:	Interchange Projects	
Fund Source:	SP			Work Description:	New Interchange	
Length (miles):	-				Design-Build	
From:	Innovation Way	To: Aerospace Parkway				

Project Schedule:

Activity	2016				20	17			20	18		20	019		20)20		20	21	
Design-Build					2017														1	·
Toll Equipment																			1	
Landscape																			1	<u> </u>
																			1	
																			i	·

Project Cost (in thousands \$):

Activity	Totals \$	20	016			20	17			2018		20)19			20)20		20	21	
EAL	7,719		1,103	1,103	1,103	1,103	1,103	1,103	1,103												
Design-Build	64,323		9,189	9,189	9,189	9,189	9,189	9,189	9,189												
Toll Equipment	840								840												
Landscape	500									500											
TOTAL	73,382		FY 16/17	Total =		41,167	FY 17/18	Total =		32,215 FY 18/1	9 Total =	-	FY 19/20	Total =	•	-	FY 20/21	Total =	-		•
	•		Encumbe	red =		41.167	Encumbe	red =		30.875										•	

FY 2017 FY 2018 FY 2019 FY 2020 FY 2021 Cash Flow Inflated (in thousands \$): Base Inflation Rate = 2.6% Const. Inflation Rates = 2.5% 2.7% 2.8% 2.6% 2.5%

Activity	Totals \$	2016			20	17			20	18			20)19			20)20			202	l	
EAL	7,719	1,103	1,103	1,103	1,103	1,103	1,103	1,103	-	-	-	-	-	-	-	-	-	-	-	-	-		
Design-Build	64,323	9,189	9,189	9,189	9,189	9,189	9,189	9,189	-	-	-	-	-	-	-	-	-	-	-	-	-		
Toll Equipment	879	-	-	-	-	-	-	879	-	-	-	-	-	-	-	-	-	-	-	-	-		
Landscape	527	-	-	-	-	-	-	-	527	-	-	-	-	-	-		-	-	-	-	-		
TOTAL	73,447	FY 16/17	7 Total =		41,167	FY 17/18	Total =		32,281	FY 18/19	Total =		-	FY 19/20	Total =		-	FY 20/21	Total =		-		
·	·	Encumbe	ered =		41,167	Encumber	red =	·	30,875				·			·			·				

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

Low bid \$62.5 m. Includes additional 3% cost to complete.

Totals do not reflect contributions from Suburban Land Research, Orange County, and All Aboard Florida. Assumes SLR is responsible for all mitigation costs.

Current Status :	On-going				Pric	ority :	1						me/Numbe			I-4 Ultimat	e						#	-
	8/2/13											Route Nun			SR 408									
	4/25/16											Project Ca			Interchang	, ,								
	SP											Work Des	cription:			ge Reconstr								
Length (miles):															Contributi	on & Corri	dor Consult	tant						
From:	-			To:	-																			
Project Schedule :																								
Activity			2010	6			20	17			20	018			20)19			20	020			20	21
Corridor Consulta	int																							
Contribution																								
	tt Cost (in thousands \$) : Activity Totals \$ 2016 2017 2018 2019 2020																20	21						
Corr. Consultant	3,860		2010	241	241	241	241	241	241	241	241	241	241	241	241	242	242	242	242		T		20	21
Contribution	230,000			241	241	241	241	75,000	241	241	241	75,000	241	241	241	80,000	242	242	242					
Contribution	230,000							73,000				73,000				80,000								
TOTAL	233,860		1	FY 16/17	Total =	ļ	964	FY 17/18	Total =		75,964	FY 18/19	Total =		75 964	FY 19/20	Total =		80 968	FY 20/2	1 Total =		_	
101111	255,000			Encumber				Encumber			964	1 1 10/17	Total		75,701	1 1 1)/20	Total		00,700	1 1 20/2	1 10141			
Cash Flow Inflate	`	nds \$) :	В	ase Inflat	tion Rate =	2.6%							Const. Infl	ation Rates		FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%
Activity	Totals \$		2010				20					18)19				020	_		20	21
Corr. Consultant	3,860			241	241	241	241	241	241	241	241	241	241	241	241		242	242	242	-	-	-	-	
Contribution	230,000			-	-	-	-	75,000	-	-	-	75,000	-	-	-	80,000	-	-	-	-	-	-	-	
TOTAL	233,860		-	FY 16/17				FY 17/18				FY 18/19	Total =		75,964	FY 19/20	Total =		80,968	FY 20/2	1 Total =		-	
]	Encumber	red =		964	Encumber	red =		964													
Remarks: Total co			1050																					
Corrido	orridor Consultant Contract Total \$5.3 m.																							

Date Originated : Last Revision : Fund Source : Length (miles) : From:	No Activity 3/13/16 5/3/16 SP -		To:	-	ority :	1					Project Na Route Nur Project Ca Work Des	tegory:	- -	SR 429 Interchang Interchang	ew Interchar ge Projects ge Studies ar tudy, Desig	nd Design						# -	-
Project Schedule :																							
Activity			2016			20)17			20	18			20	19			20	020			202	21
Concept Study																							
Design																							
Construction																							
Project Cost (in th			****			•				•	10			•								***	
Activity	Totals \$		2016	T	105)17			20	18		-	20	19			20	020	1		202	21
Concept Study	405				135	135		1.540	1.542	1.542	1.542	1.540											
Design	9,250						1,542	1,542	1,542	1,542	1,542	1,542	2.755	2.755	2.755	2.755							
Construction	18,777	-		 			-					3,755	3,755	3,755	3,755	3,755							
TOTAL	28,432	ļ	FY 16/17	7 Total =		270	FY 17/18	Total =		6,302	FY 18/19	Total =		14 350	FY 19/20	Total =		7 5 1 1	FY 20/21	Total =	ļ	_	
101711	20,432		Encumbe			-	Encumber			- 0,302	1 1 10/17	Total		14,550	1 1 17/20	1 Otal		7,311	1 1 20/21	Total			
Cash Flow Inflate	d (in thousand	s \$) :		ation Rate =	2.6%						I	Const. Infl	ation Rates	=	FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%
Activity	Totals \$		2016			20)17			20	18			20	19			20	020			202	21
Concept Study	413		-	-	138	138	138	-	-		-	-	-	-	-	-	-	-	-	-	-	-	
Design	9,547		-	-	-	-	1,591	1,591	1,591	1,591	1,591	1,591	-	-	-	-	-	-	-	-	-	-	
Construction	20,034		-	-	-	-	-	-	-	-	-	4,007	4,007	4,007	4,007	4,007	-	-	-	-	-	-	
TOTAL	29,994		FY 16/17			275				6,503	FY 18/19	Total =		15,203	FY 19/20	Total =		8,014	FY 20/21	Total =		-	
			Encumbe	ered =		-	Encumber	red =		-													

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

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

ate Originated : 3	No Activity 3/13/16			Priority	y:		:		Project N Route Nu	ame/Number mber :		417 / Na 417	arcoossee	Road Ultin	nate Interch	ange				# -	-	—
ast Revision :	4/21/16						•		Project C	ategory:	Inte	rchange	Projects									
	SP								Work De	scription:	Cor	cept Stu	udy									
ength (miles):	-										Cor	cept Stu	udy & Des	ign								
om: -	-		To: <u>-</u>				•															
oject Schedule:																						
Activity		20	16		2	017			2018			201	19			20	20			202	21	
ncept Study																						
sign																						
																				ĺ		
	Totals \$	20	16		2	017			2018			201	19			20	20			202	21	
oncept Study	400														200	200						<u> </u>
cian	1 200																					1
aigii	1,380																460	460	460			-
sign	1,360																460	460	460			
			TXX 16/15			TV. 15(10)			FX. 10/1.				F17.10/20	T 1		400			460	1.200		
TOTAL	1,780		FY 16/17 7		-	FY 17/18		-	FY 18/19	Total =		-	FY 19/20	Total =		400	460 FY 20/21		460	1,380		
			FY 16/17 7 Encumbered		-	FY 17/18 Encumbe		-	FY 18/19	O Total =				Total =		400	FY 20/21					
TOTAL	1,780							-	FY 18/19				FY 2017		FY 2018	400	FY 20/21		FY 2020		FY 2021	
TOTAL	1,780	; \$) :		ed =	2.6%				FY 18/19		tion Rates =				FY 2018 2.7%	400	FY 20/21				FY 2021 2.5%	
TOTAL	1,780		Encumbere Base Inflation	ed =		Encumbe		-			tion Rates =]	FY 2017 2.5%				FY 20/21 FY 2019 2.8%		FY 2020		2.5%	
TOTAL sh Flow Inflated Activity	1,780	s \$):	Encumbere Base Inflation	ed =				-	FY 18/19		tion Rates =		FY 2017 2.5%				FY 20/21		FY 2020		2.5%	
TOTAL sh Flow Inflated Activity ncept Study	1,780 (in thousand: Totals \$		Encumbere Base Inflation	ed = on Rate =	2	Encumbe		-			tion Rates =]	FY 2017 2.5%		2.7%	20	FY 20/21 FY 2019 2.8%		FY 2020		2.5%	
TOTAL th Flow Inflated Activity ncept Study	1,780 (in thousands		Encumberer Base Inflation	ed = on Rate =	2	Encumbe			2018		tion Rates =	201	FY 2017 2.5%		2.7%	20	FY 20/21 FY 2019 2.8%	Total =	FY 2020 2.6%		2.5%	
TOTAL th Flow Inflated Activity ncept Study	1,780 (in thousands		Encumberer Base Inflation	ed = on Rate =	2	Encumbe			2018		tion Rates =	201	FY 2017 2.5%		2.7%	20	FY 20/21 FY 2019 2.8%	Total =	FY 2020 2.6%		2.5%	
sh Flow Inflated	1,780 (in thousands		Encumberer Base Inflation	ed = on Rate =	2	Encumbe	red =		2018	Const. Infla	tion Rates =	201	FY 2017 2.5%	-	2.7%	20 220 -	FY 20/21 FY 2019 2.8%	Total =	FY 2020 2.6%		2.5%	

Date Originated:	No Activit 3/16/16	у		_ Pri	ority :	1		- -			Route Nu		er:	SR 528	nnovation V	Way Landso	caping					# -	
Last Revision :	4/21/16 SP							-			Project C				ge Projects								
								-			Work De	scription :		Landscap	ng stallation &	- Doutiel Me	:						
Length (miles): From:	<u>-</u>		To					-						Design, ii	istanation &	c Partiai Ma	intenance						
Tioni.				· -				-															
Project Schedule :																							
Activity			2016			20	117			20	018			20)19			20	20			202	1
Design Bidding																							
Bidding																							
Installation																							
Maintenance																							
Project Cost (in th		:	2016			2/	17			2	210			24	210			20	20			202	,
Activity EAL	Totals \$		2016			20	17	l		2(018			1)19	1.0	10	20				202	1
Installation	86														18	18	10	20	20				
	500																	250	250	-	5	-	
Maintenance	15			+						-										5	3	5	
TOTAL	601		FY 16/17	7 Total -			FY 17/18	Total -		<u> </u>	FY 18/19	0 Total =		<u> </u>	FY 19/20	Total -		216	FY 20/21	Total -		285	
TOTAL	001		Encumbe				Encumbe				1 1 10/1	9 10tai –			1 1 19/20	Total –		310	1 1 20/21	Total –		203	
Cash Flow Inflated	d (in thousa	nds \$) :		ation Rate =	2.6%		Elicumoc	icu			J	Const. Inf	ation Rate	_S =	FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%
Activity	Totals \$		2016			20	17			20	018			20)19			20	20			202	1
EAL	95		-	-	-	-	-	-	-	-	-	-	-	-	20	20	11	22	22	-	-	-	
Installation	556		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	278	278	-	-	-	
Maintenance	17		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	6	
TOTAL	667		FY 16/17			-	FY 17/18			-	FY 18/19	9 Total =		-	FY 19/20	Total =		350	FY 20/21	Total =		317	
			Encumbe	ered =		-	Encumbe	red =		-	_												
Remarks: Landsca	ping for ult	imate Innov	ation Way Interchar	nge																			

Date Originated : Last Revision : Fund Source :	Construction 4/1/96 3/13/16 SP 2.1 Boggy Cro		Т	P To: SR 436	riority :	1		- - - -			Project Na Route Nu Project Ca Work Des	nber : itegory :		SR 528 Facilities	Existing M							#	528-405	
			2016			20	017			20)18			2(019			20)20			20	21	
Activity			2016			20	01 /	ı		1 20)18	ı		20)19			20	120	ı		20	21	
Construction					+ +																			
					+																			
					+																			
					+ +																			
Project Cost (in th	ousands \$)	:																						
Activity	Totals \$		2016			20	17			20)18			20)19			20)20			20	21	
EAL	140		14	0																				
Construction	1,296		1,29	6																				
TOTAL	1,436		FY 16/	17 Total =	•	1,436	FY 17/18	Total =		-	FY 18/19	Total =	-	-	FY 19/20	Total =	-	-	FY 20/21	Total =		-		
	1		Encum	bered =		1,436	Encumbe								ı									
			L								4													
															FY 2017		FY 2018		FY 2019		FY 2020		FY 2021	
Cash Flow Inflate	d (in thousa	nds \$):	Base In	flation rate =	2.6%							Const. Inf	lation Rates	; =	2.5%		2.7%		2.8%		2.6%		2.5%	
	Totals \$,	2016			20	017			2/	018			2(019			20)20			20	21	
Activity EAL	140		2016	0				I		1		I		20	T					ı			21	
	1,296		1,29		-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-		
Construction	1,296		1,29	6 -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
					+											<u> </u>								
TOTAL	1.426		EV 16	17 Total =	1	1,436	FY 17/18	Total -		l	FY 18/19	Total -			FY 19/20	Total -			FY 20/21	Total -				
IUIAL	1,436	ļ		bered =			Encumbe			-	F 1 18/19	rotal =		-	FY 19/20	rotal =		-	FY 20/21	rotal =		-		
			Encum	berea –		1,436	Encumbe	red –		-	J													

Remarks: EAL includes bidding and construction engineering & inspection.

Project includes demolition of Airport Mainline plaza, additional ramp toll plazas and improvements to SR 528 between Boggy Creek and SR 436.

Total construction contract \$38.7 million. End date extended to July 2016.

Last Revision : Fund Source :	No Activit 4/1/96 4/21/16 SP 2.1 Boggy Cre		To:	Priority : SR 436	1					Project Na Route Nur Project Ca Work Des	nber : tegory :	- -	SR 528 Facilities I Landscapi	Projects	age Landsca						#	
Activity			2016		20	17			20	018			20	119			20	20			20.	01
Design			2010		20	1 /			20	110			20	19			20	20			20.	21
Design Bidding																						
Installation																						
Maintenance																						
Project Cost (in th	Anistallation Maintenance Project Cost (in thousands \$):																					
Activity	Totals \$		2016		20	17			20)18			20	19			20	20			20.	21
EAL	108					88	10	10														
Installation	125							125														
Maintenance	40								5	5	5	5	5	5	5	5						
TOTAL	273		FY 16/17		-	FY 17/18			238	FY 18/19	Total =		20	FY 19/20	Total =		15	FY 20/21	1 Total =		-	
Cash Flow Inflate	d (in thousa	nds \$) :	Encumber Base Inflat		- (o	Encumbe	red =				Const. Inf	lation Rates	ş =	FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%
Activity	Totals \$		2016		20	17			20)18			20	19			20	20			20.	21
EAL	112		-		-	91	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	
Installation	131		-		-	-	-	131	-	-	-	-	-	-	-	-	-	-	-	-	-	
Maintenance	42		-		-	-	-	-	5	5	5	5	5	5	5	5	-	-	-	-	-	
TOTAL	285		FY 16/17		-	FY 17/18			248	FY 18/19	Total =		21	FY 19/20	Total =		16	FY 20/21	l Total =		-	
			Encumber	red =	-	Encumbe	red =]												
Remarks: Landsca	aping to con	npliment new	interchange																			

	On-going 3/1/95			Priority:						Project Name/Number Route Number:	System	vide Toll Pla vide	iza Projects						#	-	—
	3/16/16 SP									Project Category : Work Description :		s Projects za Projects									_
ngth (miles):	-									Work Description .		& Construct	on								—
m:	-		To: -									s to be deter									_
ect Schedule :																					
Activity			2016		2	017			20	18		2019			20)20			20	21	
gn			T																		Т
ruction																					T
-																					T
																					T
																					Т
Activity	Totals \$		2016			017		5	20	18		2019		5)20		5	20	21	T
,	Totals \$ 50 450		2016 FY 16/17 To		5 5 90		Total =	5	5 90	FY 18/19 Total =	5	5	O Total =	5	5 90		Total =	5	20 5 90	21	
ruction TOTAL	50 450 500	nds \$) :		otal =	5 5 90			5	5 90	FY 18/19 Total =	5	5		FY 2018 2.7%	5 90			FY 2020 2.6%	5 90	FY 2021 2.5%	
Activity truction TOTAL Flow Inflated Activity	50 450 500	nds \$) :	FY 16/17 To Encumbered	otal =	5 5 90 100	FY 17/18		5	5 90	FY 18/19 Total =	5 S	5 0 FY 19/20 FY 2017		FY 2018	5 90 100	FY 20/21		FY 2020	5 90	FY 2021 2.5%	
uction TOTAL	50 450 500 d (in thousa Totals \$ 50	nds \$) :	FY 16/17 To Encumbered	otal =	5 5 90 100	FY 17/18 Encumber		5	5 90 100	FY 18/19 Total =	5 S	5 0 0 FY 19/20 FY 2017 2.5%		FY 2018	5 90 100	FY 20/21 FY 2019 2.8%		FY 2020	5 90 100	FY 2021 2.5%	
TOTAL low Inflated	50 450 500	nds \$) :	FY 16/17 T. Encumbered Base Inflation 2016	otal =	5 5 90 100 % 2 5 5 5	FY 17/18 Encumber	red =		5 90 100	FY 18/19 Total = Const. Infl:	5 S	5 0 0 FY 19/20 FY 2017 2.5% 2019 5 -		FY 2018 2.7%	5 90 100	FY 20/21 FY 2019 2.8%		FY 2020 2.6%	5 90 100	FY 2021 2.5%	
TOTAL low Inflated	50 450 500 d (in thousa Totals \$ 50	nds \$) :	FY 16/17 T. Encumbered Base Inflatio 2016	otal = = = = = = = = = =	5 5 90 100 %	FY 17/18 Encumber	red =	5	5 90 100 20 5	FY 18/19 Total = Const. Infl:	5 5 10 10 11 11 11 11 11	5 0 0 FY 19/20 FY 2017 2.5% 2019 5 -	-	FY 2018 2.7%	5 90 100 20 5	FY 20/21 FY 2019 2.8%		FY 2020 2.6%	5 90 100 20 5	FY 2021 2.5%	
uction TOTAL	50 450 500 d (in thousa Totals \$ 50	nds \$) :	FY 16/17 T. Encumbered Base Inflatio 2016	otal =	5 5 90 100 %	FY 17/18 Encumber	red =	5	5 90 100 20 5 90	FY 18/19 Total = Const. Infl:	5 9 10 10 10 10 10 10 10	5 0 0 FY 19/20 FY 2017 2.5% 2019 5 -	-	FY 2018 2.7%	5 90 100 20 5 90	FY 20/21 FY 2019 2.8%	-	FY 2020 2.6%	5 90 100 20 5	FY 2021 2.5%	

FP 3

5/12/2016 FY 17-21

Current Status :	On-going			Pr	iority :	1					Project Nar	ne/Numbe	r:	Systemwi	de Generato	r Replacer	nents and U	Jpgrades				#	ŧ -	
Date Originated :	7/1/14				_						Route Num			Systemwi										
Last Revision:	5/3/16										Project Cat			Facilities	,									
Fund Source:	SP										Work Desc	ription :			Replacemen									
Length (miles):	-													Design &	Constructio	n								
From:	<u>-</u>		То																					
Project Schedule	:																							
Activity			2016			20	17			20	018			20)19			20	020			20	021	
Design																							1	
Construction																						1	1	
															ĺ							1	1	
															ĺ							1	1	
Project Cost (in the	nousands \$) :																							
Activity	Totals \$		2016			20	17			20	018			20)19			20	020			20	021	
EAL	240		15	15	15	15	15	15	15		15	15	15		15	15	15		15	15	15	1		
Construction	1,800		300		150	150		150	150			150	150			150	150			150	150		1	
																						1	1	
															ĺ							1	1	
TOTAL	2,040	•	FY 16/1	Total =		660	FY 17/18	Total =		345	FY 18/19	Fotal =		345	FY 19/20	Total =		345	FY 20/21	Total =		345		
			Encumb	ered =			Encumber	red =											•					
			•				•				_													
															FY 2017		FY 2018		FY 2019		FY 2020		FY 2021	

Cash Flow Inflate	d (in thousa	ands \$) :	Ва	ase Inflat	ion Rate =	2.6%							Const. Inf	ation Rates =		2.5%		2.7%		2.8%		2.6%		2.5%	
Activity	Totals \$		2016	5			20	17			20)18			2	019			20)20			20.	21	
EAL	240			15	15	15	15	15	15	15	-	15	15	15	-	15	15	15	-	15	15	15	-		1
Construction	1,800			300	-	150	150	-	150	150	-	-	150	150	-	-	150	150	-	-	150	150	-		
																									,
TOTAL	2,040		F	Y 16/17	Total =		660	FY 17/18	Total =		345	FY 18/19	Total =	•	345	FY 19/20 Tota	=		345	FY 20/21	Total =	·	345		
		-	E	Encumber	ed =			Encumbe	red =																

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

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

Generator replacement/upgrades at mainline and ramp plazas. Assumes replacement of 5 generators per year. Includes project 599-735.

te Originated :	No Activit										Project Na Route Nur			Systemwid		*						#	
st Revision :	4/28/16										Project Ca		_	Facilities P	,								
	SP										Work Des	cription :			ioner Repla								
ngth (miles) : m:	-			Го: -									1	Design & C	Construction	1							
n.	-			10									_										
ect Schedule :																							
Activity			2016			201	7			20	18			201	19			20	20			20)21
ign																						20	
truction																							
-																							
ct Cost (in the	ousands \$)	:																					
	Totals \$:	2016	36	0	201				20		4	4.	201		4	4 [20	20			20	21
Activity	Totals \$:	2016	36		8	8			20	18	4	4	4	19	40	4	4	20			20	21
Activity	Totals \$:	2016	36	8 80					20		4 40	4 40			4 40	4 40		20			20	221
Activity	Totals \$		2016	36		8	8			20				4				4	20			20	221
Activity	Totals \$			36 /17 Total =		8 80	8	Total =				40		4 40		40		4 40	20 FY 20/21	Total =			21
Activity	Totals \$ 120 480		FY 16			8 80 212	8 80				18	40		4 40	18	40		4 40		Total =			21
Activity Struction TOTAL	Totals \$ 120 480		FY 16	/17 Total =		8 80 212	8 80 FY 17/18				18	40		4 40	18	40		4 40		Total =			
Activity truction TOTAL	Totals \$ 120 480 600		FY 16	/17 Total =	80	8 80 212	8 80 FY 17/18				18 FY 18/19	40 Total =	40	4 40 150	18 FY 19/20	40 Γotal =	40 FY 2018	4 40	FY 20/21		FY 2020		FY 2021
Activity truction TOTAL	Totals \$ 120 480 600		FY 16	/17 Total =	80	8 80 212	8 80 FY 17/18				18 FY 18/19	40	40	4 40 150	18 FY 19/20	40 Γotal =	40	4 40	FY 20/21		FY 2020 2.6%		
Activity STRUCTION TOTAL Flow Inflated Activity	Totals \$ 120 480 600 (in thousa		FY 16	/17 Total = abbered =	= 2.6%	8 80 212	8 80 FY 17/18 Encumber				18 FY 18/19	40 Total =	40	4 40 150	18 FY 19/20 ° FY 2017 2.5%	40 Γotal =	40 FY 2018	4 40	FY 20/21 FY 2019 2.8%			-	FY 2021 2.5%
Activity TOTAL Flow Inflated Activity	Totals \$ 120 480 600 (in thousa Totals \$ 120		FY 16 Encur	/17 Total = abered =	= 2.6%	212 -	8 80 80 FY 17/18 Encumber		-	88	18 FY 18/19	Total =	40 40 tion Rates	4 40 150 150 150 150 150 150 150 150 150 15	18 FY 19/20 ° FY 2017 2.5%	70tal =	40 FY 2018 2.7%	150 20 4	FY 20/21 FY 2019 2.8%			-	FY 2021 2.5%
Activity TOTAL Flow Inflated Activity	Totals \$ 120 480 600 (in thousa		FY 16 Encur Base I:	/17 Total = nbered = afflation Rate = 36	= 2.6%	8 80 212 -	8 80 FY 17/18 Encumber	red =		88	18 FY 18/19	Total =	40 40 tion Rates	150	FY 19/20 °FY 2017 2.5%	Total =	40 40 FY 2018 2.7%	150	FY 20/21 FY 2019 2.8%		2.6%	-	FY 2021 2.5%
Activity TOTAL Flow Inflated Activity	Totals \$ 120 480 600 (in thousa Totals \$ 120		Base I	/17 Total = nbered = afflation Rate = 36	= 2.6%	212 -	8 80 80 FY 17/18 Encumber	red =		88	18 FY 18/19	Total =	40 40 tion Rates	4 40 150 150 150 150 150 150 150 150 150 15	FY 19/20 °FY 2017 2.5%	70tal =	40 FY 2018 2.7%	150 20 4	FY 20/21 FY 2019 2.8%		2.6%	- 20	FY 2021 2.5%
Activity	Totals \$ 120 480 600 (in thousa Totals \$ 120		Base I	/17 Total = nbered = afflation Rate = 36	= 2.6%	212 - 201 8 80	8 80 80 FY 17/18 Encumber	red =		20	18 FY 18/19	Total = Const. Infla	40 40 tion Rates	4 40 150 = = 201 4 40	FY 19/20 °FY 2017 2.5%	40 Fotal = 4 40 40 40 40 40 40 4	40 FY 2018 2.7%	150 200 4 40	FY 20/21 FY 2019 2.8%	-	2.6%	- 20	FY 2021 2.5%

75

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

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

Date Originated : ast Revision : und Source : ength (miles) : rom:	On-going 7/1/14 3/13/16 SP		To:	-	ority :	1					Project Na Route Nui Project Ca Work Des	itegory:	<u>:</u> 1	Systemwic Facilities F Roof Repla	rojects							#	-	
Project Schedule : Activity			2016			2017				20	10			20	10			20	020			20	21	
Design			2010			2017				20	10			20	19			20	120			20	41	
Construction																								
Activity AL Construction TOTAL	Totals \$ 200 1,000 1,200		2016 15 FY 16/17		5 100	2017 5 100	15 Y 17/18	15 Total =	5 100	20 5 100	18 15 FY 18/19	15 Total =	5 100	20 5 100 240	19 15 FY 19/20	15 Total =	5 100	5 100	15 FY 20/21		5 100	5 100 240	21	
			Encumbe	ered =		Er	ncumber	ed =							FY 2017		FY 2018		FY 2019		FY 2020		FY 2021	
ash Flow Inflated	(in thousa	nds \$) :	Base Infla	tion Rate =	2.6%							Const. Infl	ation Rates	=	2.5%		2.7%		2.8%		2.6%		2.5%	
Activity	Totals \$		2016			2017				20	18			20	19)20			20	21	
AL	200		15	15	5	5	15	15	5	5	15	15	5	5	15	15	5	5	15	15	5	5		
Construction	1,000		-	-	100	100	-	-	100	100	-	-	100	100	-	-	100	100	-	-	100	100		
TOTAL	1 200		EV 16/17	Total =		240 EV	7 17/18 7	Total =		240	FV 19/10	Total =		240	EV 19/20	Total =		240	EV 20/21	Total =		240		
TOTAL	1,200		Encumbe				ncumber			270	1 1 10/17	i otai –		270	1 1 1/1/20	10tai –		240	1 1 20/21	1 Jiai –		270		
TOTAL Remarks: EAL incl				ered =		1	ncumber	ed =		240	FY 18/19	Total =		240	FY 19/20	Total =	1	240	FY 20/21	Total =		240		

Oate Originated : ast Revision : und Source : ength (miles) : rom:	No Activit 5/4/15 3/13/16 SP	y		`0: <u>-</u>	Priority :	1					Project No Route Nu Project Ca Work Des	ategory:		Systemwic Systemwic Facilities I UPS Repla Installation	de Projects acements	placements						#	-	
Activity :			2016			20	17			20	018			20	119			2()20			20	12.1	
nstallation			2010			20	1 /			20	110			20	19	T	ı	20	120	l		20	21	
					1																			
Activity AL installation TOTAL	Totals \$ 20 200 220		FY 16/	0 0 17 Total =		110	10 100 FY 17/18 Encumber				FY 18/19) Total =		-	FY 19/20	Total =		-	FY 20/21	Total =		-		
ash Flow Inflated	(in thousa	nds \$) :	Base In	flation Rate	= 2.6%						1	Const. Infl	ation Rates	3 =	FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%	
Activity	Totals \$		2016	_		20				20	18	_		20	19	,		20)20			20	21	
CAL	20			0 -	-	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
nstallation	200		10	- 10	-	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TOTAL	220	L		17 Total =	I	110	FY 17/18			110	FY 18/19	Total =		-	FY 19/20	Total =	1	-	FY 20/21	Total =	l l	-		
temarks: EAL incl	udes const	ruction engineeri	L	ion.			Encumber	red =			J													

Current Status:	Installation	Priority:	1	Project Name/Number	Miscellaneous CFX Headquarter	rs Improvements	# -
Date Originated:	5/4/15		<u> </u>	Route Number:	HQ		
Last Revision:	4/26/16		<u>.</u>	Project Category:	Facilities Projects		
Fund Source:	SP		<u>.</u>	Work Description:	Miscellaneous Projects		
Length (miles):	-				Design & Installation		
From:	<u>-</u>	To: <u>-</u>					
Project Schedule	:						
Activity	2016		2017	2018	2019	2020	2021
Installation							

Project Cost (in thousands \$):

Activity	Totals \$	20	016			20	17			2018			20	19			202	20		202	21	
EAL	510		98	98	98	98	30			30				30				30				
Installation	4,252		813	813	813	813	250			250				250				250				i
																						1
TOTAL	4,762	•	FY 16/17	Total =	-	3,642	FY 17/18	Total =	•	280 FY 18/1	9 Total =	•	280	FY 19/20	Total =	•	280	FY 20/21 Total =	•	280	•	
			Encumber	red =		3,642	Encumbe	red =														

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

 Cash Flow Inflated (in thousands \$):
 Base Inflation Rate = 2.6%
 Const. Inflation Rates = 2.5%
 2.7%
 2.8%
 2.6%
 2.5%

Activity	Totals \$		20	16			20	17			20	18			201	.9			20	20			20:	21	
EAL	510			98	98	98	98	30	-	-		30	-	-	-	30	-	-	-	30	-	-	-		
Installation	4,252			813	813	813	813	250	-	-		250	-	-	-	250	-	-	-	250	-	-	-		
TOTAL	4,762			FY 16/17	Total =		3,642	FY 17/18	Total =		280	FY 18/19	Total =		280	FY 19/20	Total =		280	FY 20/21	Total =		280		
	·	_		Encumber	red =		3,642	Encumber	ed =								·				·	·			

Remarks: EAL includes construction engineering & inspection.

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

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

ast Revision :	Bidding 5/4/15 5/2/16 SP -		To:		ority :	1					Project N Route Nu Project C Work Des	ategory:		CFX Head HQ Facilities Miscelland Bidding &	Projects eous Projec	ets	Lighting an	d Sealing				#	599-411	
Activity			2016			20	117			20)18			20	119			20)20			20	21	
idding			2010		I	20	,1,				10	T		1	1)			20	1			20	21	
nstallation																								
									1															
Activity AL Installation	Totals \$ 54 370		2016	22 185	22 185	20		Tetal)18 	0.T.			119 EV 10/20	Tari		20)20 	Table		20	21	
TOTAL	424		FY 16/17 Encumber			424	FY 17/18 Encumber			-	FY 18/19	9 Total =		-	FY 19/20	Total =		-	FY 20/21	Total =		-		
ash Flow Inflated	`	nds \$) :		tion Rate =	2.6%							Const. Inf	lation Rates		FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%	
Activity	Totals \$		2016		1	20	17			20)18	1		20	19			20)20			20	21	
AL	55		10	22	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
nstallation	375		-	187	187	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TOTAL	430		FY 16/17	Total =		430	FY 17/18	Total =		-	FY 18/19	9 Total =		-	FY 19/20) Total =			FY 20/21	Total =		_		
TOTAL	150		Encumber			150	Encumber				1110/1	,			11 17/20	. 101111			1 1 20/21	.0111				
emarks: EAL incl	udes biddi	ng, construction	engineering & ir	nspection an	d post-des	ign service	es.				-													

Date Originated : Last Revision : Fund Source : Length (miles) : From:	No Activity 4/29/02 3/16/16 SP	/		To:		ority :	2		- - - -			Route Nu Project C			Fiber Opti Systemwic Technolog Utility Ad Utility Ad	de gy justments	: (FON) Uti	lity Adjustn	nents				# 4	.08-509	
Project Schedule :																									
Activity	-4		2016	6			20	17	T		20	18			20)19	1		20)20	1		202	1	
FON Utility Adjus	stments		_						-																
									1	 															
Project Cost (in the Activity	Totals \$		2016					17				18)19)20			202	1	
Adjustments	300			50			50				50				50				50				50		
									1																
TOTAL	300		1	FY 16/17	Total =	<u> </u>	100	FY 17/18	R Total =	L	50	FY 18/1	9 Total =		50	FY 19/20) Total =	<u> </u>	50	FY 20/2	1 Total =	<u> </u>	50	<u>l</u> .	
101111	300			Encumber			100	Encumbe			- 50	1 1 10/1) 10tui			1 1 15/20	, Total			1 1 20/2	1 10141		30		
Cash Flow Inflate	ed (in thousar	nds \$) :	В	ase Inflat	ion Rate =	2.6%						I	Const. Infla	ation Rate	s =	FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%	•	FY 2020 2.6%		FY 2021 2.5%	
Activity	Totals \$		2016					17				18)19)20			202	1	
Adjustments	300			50	-	-	50	-	-	-	50	-	-	-	50	-	-	-	50	-	-	-	50		
									1																
TOTAL	300		1	FY 16/17	Total =		100	FY 17/18	R Total =	<u> </u>	50	FY 18/1	0 Total =		50	FY 19/20) Total =		50	FY 20/2	1 Total =		50		
IOTAL	300	_		Encumber			100	Encumbe			30	1 1 10/1	9 10tai –		30	1 1 19/20) I Otal –		30	1 1 20/2	1 10tai –		30		
Remarks: Scope in No infla		ON utility adj	ustments a	ıs needed	with projec					ear.															

Originated: Revision: I Source: gth (miles): n: ect Schedule:	On-going 4/29/02 3/16/16 SP		To:	_	riority :	1					Project Na Route Nur Project Ca Work Desc	nber: tegory:	<u>.</u> 1	Systemwio Fechnolog Regional I	de gy	rship Projectrship Projections						#	-
Activity			2016			201	7			20	18			20	119			2	020			20	2.1
nering Funds			2010			201	,			20	10			20		I			1020			20	
														-				-					
Activity	ousands \$) : Totals \$		2016			201	7			20	18			20	119			2	020			20	21
ering Funds	540		45	45	45	45	45	45	45	45	45	45	45	45									
	540		Y7Y 1 6 /15	1 T 1	$oxed{oxed}$	100	FXX 15/10	T . 1		100	FX7.10/10	I		100	EX. 10/2/) T 1			EX. 20 (21	m . 1			
TOTA	L 540		FY 16/17 Encumber				FY 17/18 Encumber			180	FY 18/19	Total =		180	FY 19/20	Total =		-	FY 20/21	Total =		-	
	(in thousands	\$):		ation Rate =	= 2.6%	1	Encumber	icu –				Const. Infl	ation Rates	=	FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%
Flow Inflated			2016			201	7			20	18			20	19			2	020			20	21
Activity	Totals \$		45	45	45	45	45	45	45	45	45	45	45	45	-	-	-	-	-	-	-	-	
Activity	Totals \$ 540		43		1																		
Activity			43										1										
Activity nering Funds	540																						
Activity	540		FY 16/17 Encumber				FY 17/18 Encumber			180	FY 18/19	Total =		180	FY 19/20) Total =		_	FY 20/21	Total =		-	

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.

Design 6/27/13			Pri	ority :	1					Route Nu		S	ystemwic		e Phase II						#	-
3/16/16 SP												R	e-splice l	Network Ph	,	hitecture						
-		To: _	-									_										
Schedule : ctivity 2016 201									20	018			20	19			20	020			20	21
tivity 2016																						
								l		l .								1				
Totals \$		2016							20	018			20	19			20	020	•		20	21
360			70		105																	
		/0	70	10																		
1,538		70	70	10	769	769																
		70	70	10																		
1,538				10	769	769	Total -		874	EV 19/10	Total -			EV 19/20	Total -			EV 20/21	Total -			
		FY 16/17	Total =	10	769 1,024	769 FY 17/18			874	FY 18/19	Total =		-	FY 19/20	Total =		-	FY 20/21	Total =		-	
1,538			Total =	10	769 1,024	769			874	FY 18/19	Total =		-	FY 19/20	Total =		-	FY 20/21	Total =		-	
1,538		FY 16/17	Total =	10	769 1,024	769 FY 17/18			874	FY 18/19	Total =			FY 19/20	Total =	FY 2018	-	FY 20/21		FY 2020	-	FY 2021
1,538	\$):	FY 16/17	Total = ed =		769 1,024	769 FY 17/18			874	FY 18/19	Total =	tion Rates =			Total =	FY 2018 2.7%	-	1		FY 2020 2.6%	-	FY 2021 2.5%
1,538	\$):	FY 16/17 Encumber	Total = ed =		769 1,024	FY 17/18 Encumber				FY 18/19		tion Rates =		FY 2017 2.5%	Total =		- 20	FY 2019			- 20	2.5%
1,538 1,898 (in thousands	\$):	FY 16/17 Encumber	Total = ed =		1,024	FY 17/18 Encumber		-				tion Rates =	=	FY 2017 2.5%	Total =		20	FY 2019 2.8%				2.5%
1,538 1,898 (in thousands Totals \$	\$):	FY 16/17 Encumber Base Inflat	Total = ed = ion Rate =	2.6%	1,024	769 FY 17/18 Encumber	red =	-	20	018	Const. Infla		=	FY 2017 2.5%				FY 2019 2.8%		2.6%	20	2.5%
1,538 1,898 (in thousands Totals \$ 367	\$):	FY 16/17 Encumber Base Inflat 2016 70	Total = ed =	2.6%	769 1,024 20 108	769 FY 17/18 Encumber	red =	-	20	018	Const. Infla	-	= 20	FY 2017 2.5%	-		-	FY 2019 2.8%	-	2.6%	20	2.5%
1,538 1,898 (in thousands Totals \$ 367 1,577	\$):	FY 16/17 Encumber Base Inflat 2016 70 -	Total = ed =	2.6%	769 1,024 20 108 788	769 FY 17/18 Encumber 17 108 788	red =	-		018	Const. Infla	-	= 20	FY 2017 2.5%	-		-	FY 2019 2.8% 020	-	2.6%	20	2.5%
1,538 1,898 (in thousands Totals \$ 367	\$):	FY 16/17 Encumber Base Inflat 2016 70	Total = ed = 70 - Total =	2.6%	769 1,024 20 108 788 1,047	769 FY 17/18 Encumber	Total =	-		018	Const. Infla	-	= 20	FY 2017 2.5%	-		-	FY 2019 2.8%	-	2.6%	20	2.5%
	3/16/16 SP 	3/16/16 SP - - - - - - - - - - - - - - - - - -	3/16/16 SP - To:	3/16/16 SP -	3/16/16 SP	3/16/16 SP	3/16/16 SP	3/16/16 SP	3/16/16 SP	3/16/16 SP	3/16/16 Project Ca Work Des	3/16/16 Project Category : Work Description : To: -	3/16/16 Project Category : T Work Description : R	3/16/16 Project Category : Technolog Re-splice	3/16/16 Project Category : Technology Re-splice Network Photographic	3/16/16 Project Category : Technology Re-splice Network Physical Arc Design & Construction	SP	Technology Re-splice Network Physical Architecture Design & Construction	Totals	Project Category : Technology Re-splice Network Physical Architecture Design & Construction	Project Category : Work Description : Technology Re-splice Network Physical Architecture Design & Construction Design & Construction	Project Category : Work Description : Technology Re-splice Network Physical Architecture Design & Construction Design & Construction

Re-splice ITS network physical architecture for improved performance and enhanced system resiliency; includes upgrade of existing ramp and mainline switches.

Current Status: Date Originated: Last Revision: Fund Source: Length (miles): From: Project Schedule:	No Activity 9/11/12 4/25/16 SP -	,		То:	-	iority :	1					Project Na Route Nur Project Ca Work Des	tegory:		Wekiva Pa Technolog CCTV Ca	gy		ment Section	ons 1A &	IB			#	-	
Activity			20	16			20	17			20	10			20	019			20	120			202)1	
Design			20.	10			20	1 /			20	10			1	719			20	120			20.	21	
Design Bidding																									
Construction																									
																									-
Project Cost (in the Activity EAL	Totals \$ 388		20:	16		74	20 74	17 74	10	39	20 39	18	39		20)19			20	20			202	21	
Construction	1,164									291	291	291	291												
TOTA	L 1,552		L	FY 16/17			148	FY 17/18			744	FY 18/19	Total =		660	FY 19/20	Total =		-	FY 20/21	Γotal =		-		
Cash Flow Inflated	(in thousand	s \$) :	L	Encumber Base Inflat	red = tion Rate =	2.6%		Encumber	rea =				Const. Infl	ation Rate	s =	FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%	
Activity	Totals \$		201	16			20				20				20	019			20	20			202	21	
EAL	400			-	-	75	75	75	10	41	41	41	41	-	-	-	-	-	-	-	-	-	-		
Construction	1,218			-	-	-	-	-	-	304	304	304	304	-	-	-	-	-	-	-	-	-	-		
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TOTA	L 1,618		L	FY 16/17			151	FY 17/18			776	FY 18/19	Total =		690	FY 19/20	Total =			FY 20/21 7	Γotal =		-		
<u></u>				Encumber	red =			Encumber	red =																
Remarks: EAL incl	udes design,	permitting,	bidding and	d construct	ion enginee	ering & insp	ection.																		

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Design & install approximately 10 CCTV cameras for deployment on CFX-operated portions of the Wekiva Parkway (Sections 1A and 1B)

Current Status : Date Originated : Last Revision : Fund Source : Length (miles) : From:	te Originated : 9/11/12 st Revision : 4/25/16 nd Source : SP ngth (miles) : - To: - pject Schedule : Activity 2016											Route Nur Project Ca Work Desc	tegory:	W Te	ekiva Parkway C ekiva Parkway echnology CTV Cameras esign & Construc		yment Section	ons 2A, 2B	& 2C			# -	-	
											20	18			2019			20	20			202	2.1	
Design			2010				20	1,			20	10			2017			20				202		
Bidding																								
Construction																								
Project Cost (in the	usands \$) :		2010	6			20	17			20	18			2019			20	20			202	2.1	
EAL	542		2010				20	1,	104	104	104	10	55	55	55 5:	; [20	-			202		
Construction	1,628												407	407	407 40				0					
	,, ,																		-					
TOTAI	2,170	-	1	FY 16/17	Total =		-	FY 17/18	Total =		312	FY 18/19	Total =	•	1,396 FY 19/2	20 Total =		462	FY 20/21	Total =		-		
	•		1	Encumber	red =			Encumber	red =									<u> </u>						
Cash Flow Inflated	sh Flow Inflated (in thousands \$):		В	ase Inflat	ion Rate =	2.6%							Const. Infl	ation Rates =	FY 201 2.5%	7	FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%	
Activity	Totals \$		2016	6			20	17			20	18			2019			20	20			202	21	
EAL	570			-	-	-	-	-	108	108	108	11	59	59	59 59	-	-	-	-	-	-	-]		
Construction	1,739			-	-	-	-	-	-	-	-	-	435	435	435 433	5 -	-	-	-	-	-	-		
•																								
TOTAI	2,308			FY 16/17			-	FY 17/18	Total =		324	FY 18/19	Total =		1,491 FY 19/2	20 Total =		493	FY 20/21	Total =		-		
			7	Encumber	1			Encumber	1															

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).

Current Status : Date Originated : Last Revision : Fund Source : Length (miles) : From:	No Activity 5/16/12 4/25/16 SP -			Pri	iority :	1					Project Na Route Nur Project Ca Work Dese	itegory:	S T E	ystemwide echnology	e onts to ITS		ns Perform ysis Systen		sures			#	-	
Project Schedule :			2016			•				•	10			• • • • • • • • • • • • • • • • • • • •								• 00	• •	
Activity			2016			20)17			20	18			201	.9			20)20	•	4	202	21	
Implementation																					++			
																								
																					++			
																								—
																								<u> </u>
Project Cost (in the Activity EAL	Totals \$ 100		2016	_	25	20	017	25	I	20	18			201	.9			20)20	I		202	21	
Implementation	1,200				300	300		300													++			
шришенацоп	1,200				300	300	300	300													++			
							 														++			
TOT 1	1 200		FW 1.6	(1.5. m 1		650	FX 15/10	m . 1		650	EXT. 10/10	T . 1			EXT. 10 (20	m . 1			EXT. 00 (0.1	m . 1	\longrightarrow			<u> </u>
TOTA	1,300			17 Total =		650				650	FY 18/19	Total =		-	FY 19/20	Total =		-	FY 20/21	Total =		-		
			Encum	bered =			Encumber	rea =																
Cash Flow Inflated	(in thousands	\$):	Base In	flation Rate =	2.6%							Const. Infl	ation Rates =		FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%	
Activity	Totals \$		2016			20)17			20	18			201	.9			20)20			202	21	
EAL	102		-	-	25	25	25	25	-	-	-	-	-	-	-	-	-	-	-	-	-	- 1		
Implementation	1,223		-	-	306	306	306	306	-	-	-	-	-	-	-	-	_	-	-	-	-	-		i
																					† †			
				-			1												1		+ +			
				i			1					1	l l									J		
TOTA	L 1,325		FY 16/	/17 Total =		662	FY 17/18	Total =		662	FY 18/19	Total =		_	FY 19/20	Total =		_	FY 20/21	Total =		_		<u> </u>

Remarks: EAL includes construction engineering & inspection.

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

Current Status : Date Originated : Last Revision : Fund Source : Length (miles) : From:	Bidding 4/15/10 5/3/16 SP -	To:		ority :	2					Project Na Route Nun Project Ca Work Desc	nber : tegory :	er:	Systemwic Technolog Deploy De		V Camera		t				#	-	
Project Schedule:																							
Activity		2016			17			20	18			20)19			20)20			202	21		
Design																							
Bidding																							
Construction																							
Project Cost (in tho		2016			• 0				-	10							•						
Activity	Totals \$	2016	_		20		10	110	20		110		20)19			20	20	1	1	202	21	
EAL	770	10	5	5	150	150	10	110	110	110	110												
Construction	5,100		50	50				1,250	1,250	1,250	1,250												
TOTAL	5.070	EV 16/17	T 1		270	EX 17/10	T . 1		2.000	EX. 10/10	T . 1		2.720	FY 19/20 T	2 . 1			EX. 20/21	T 1				
TOTAI	5,870	FY 16/17 Encumbe			270	FY 17/18 Encumber			2,880	FY 18/19	i otai =		2,720	FY 19/20 I	otai =		-	FY 20/21	ı otal =		-		
		Eliculibe	ieu –			Eliculibe	eu –																
Cash Flow Inflated	(in thousands	\$): Base Infla	tion Rate =	2.6%							Const. Infl	ation Rate	s =	FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%	
Activity	Totals \$	2016			20	17			20	18			20)19			20	20			202	21	
EAL	799	10	5	5	154	154	10	115	115	115	115	-	-	- 1	-	-	-	-	-	-	-		
Construction	5,332	-	51	51	-	-	-	1,308	1,308	1,308	1,308	-	-	-	-	-	-	-	-	-	-		
										-													
TOTAI	6,131	FY 16/17	Total =		275	FY 17/18	Total =	•	3,010	FY 18/19	Total =		2,846	FY 19/20 T	otal =		-	FY 20/21	Total =		-		
		Encumbe	red =			Encumber	red =	•															

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

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

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

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

ent Status : Originated :	Construction 3/11/15	inated: 3/11/15 sion: 5/3/16 rce: SP										Route Nur		5	Systemwic		Counterine	454105						599-526
Revision : I Source : gth (miles) :												Project Ca Work Des		Ī		,		asures at se	lected ran	nps				
, ,	-			To: <u>-</u>										_										
Schedule:																								
Activity								17			20	18			20	19			20	020			20)21
g	2016 2017																							
tion																								
Cost (in tho	ousands \$):																							
	Totals \$		201		75	175	20		75		20	018			20	19			20	020	ı		20)21
ctivity	Totals \$ 950		201	540	75	175	20 10	75	75 750		20	018			20	19			20	020			20	021
ctivity	Totals \$		201		75 750	175 750			75 750		20	018			20	19			20	020			20	021
ctivity	Totals \$ 950		201	540				75			20	018			20	19			20	020			20	21
etivity	Totals \$ 950 4,900			540	750		10	75	750			018 FY 18/19	Total =			19 FY 19/20	Total =		20	020 FY 20/21	Total =		20	021
Activity	Totals \$ 950 4,900			540 1,900	750 		4,200	75 750	750 Total =				Total =				Total =		20		Total =		20	221
t Cost (in the	Totals \$ 950 4,900			540 1,900 FY 16/17 T	750 		4,200	75 750 FY 17/18	750 Total =				Total =		-	FY 19/20	Total =		-	FY 20/21			-	
activity action	Totals \$ 950 4,900 L 5,850			540 1,900 FY 16/17 T Encumbere	750 Γotal = ed =	750	4,200 2,440	75 750 FY 17/18	750 Total =			FY 18/19			-	FY 19/20	Total =	FY 2018	-	FY 20/21		FY 2020	20	FY 2021
activity netion	Totals \$ 950 4,900	\$):		540 1,900 FY 16/17 T	750 Γotal = ed =	750	4,200 2,440	75 750 FY 17/18	750 Total =			FY 18/19	Total =	ation Rates	-	FY 19/20	Total =	FY 2018 2.7%	-	FY 20/21		FY 2020 2.6%		
TOTAI	Totals \$ 950 4,900 L 5,850 (in thousands Totals \$	\$):		540 1,900 FY 16/17 T Encumbered Base Inflation	750 Total = ed = on Rate =	2.6%	4,200 2,440	75 750 FY 17/18 Encumber	750 Total = red =		1,650	FY 18/19		ation Rates	-	FY 19/20 FY 2017 2.5%	Total =		-	FY 20/21			- 20	FY 2021 2.5%
TOTAI low Inflated	Totals \$ 950 4,900 L 5,850 (in thousands Totals \$ 962	\$):		540 1,900 FY 16/17 T Encumbere Base Inflatio	750 Fotal = ed = on Rate = 76	2.6%	4,200 2,440	75 750 FY 17/18 Encumber	750 Total = red = 77	-	1,650	FY 18/19		ation Rates	-	FY 19/20 FY 2017 2.5%	Total =		-	FY 20/21 FY 2019 2.8%			-	FY 2021 2.5%
Activity uction TOTAI	Totals \$ 950 4,900 L 5,850 (in thousands Totals \$	\$):		540 1,900 FY 16/17 T Encumbered Base Inflation	750 Total = ed = on Rate =	2.6%	4,200 2,440	75 750 FY 17/18 Encumber	750 Total = red =	-	1,650	FY 18/19	Const. Infla	ation Rates	-	FY 19/20 FY 2017 2.5%			-	FY 20/21 FY 2019 2.8%			-	FY 2021 2.5%
TOTAI low Inflated	Totals \$ 950 4,900 L 5,850 (in thousands Totals \$ 962	\$):		540 1,900 FY 16/17 T Encumbere Base Inflatio	750 Fotal = ed = on Rate = 76	2.6%	4,200 2,440	75 750 FY 17/18 Encumber	750 Total = red = 77	-	1,650	FY 18/19	Const. Infla	ation Rates	-	FY 19/20 FY 2017 2.5%	-		20	FY 20/21 FY 2019 2.8%	-		200	FY 2021 2.5%
TOTAI dow Inflated	Totals \$ 950 4,900 L 5,850 (in thousands Totals \$ 962 4,967	\$):	201	540 1,900 FY 16/17 T Encumbere Base Inflatio	750 Fotal = ed =	2.6%	20 10 	75 750 FY 17/18 Encumber	750 Total = red = 77 774	-	1,650	FY 18/19	Const. Infla	ation Rates	= 20	FY 19/20 FY 2017 2.5%	-		- 20	FY 20/21 FY 2019 2.8%	-		200	FY 2021 2.5%

87

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.

5/12/2016

ent Status : Originated : Revision : I Source : gth (miles) :	No Activity 3/11/15 3/16/16 SP -	, 		To:		ority :	2					Route Nur Project Ca Work Des	ategory:	Sys Tec Cor	nnected 'temwide hnology nnected 'ncept		lot Concep	rt					"	-
ect Schedule :																								
Activity			2	2016			2017	7			20	18			201	9		T	2	020	1		20)21
cept		1																				<u> </u>		
		1																		1		_		
		 	-			-		-												+		+		-
		+	-				+															+		-
` `	ousands \$) : Totals \$		2	2016			2017	7			20	18			201	9			2	020			20)21
Activity	Totals \$ 500		2		Total =	125	125	125	125) Total =				Total =		2		Total =)21
Activity TOTA	Totals \$ 500		2	FY 16/17 Encumber		125	125 250 I		otal =			FY 18/19	Total =		-	FY 19/20	Total =		-	FY 20/21			-	
Activity TOTA	Totals \$ 500 L 500			FY 16/17 Encumber	red =		125 250 I	FY 17/18 To	otal =		250	FY 18/19	Total =	ion Rates =	-	FY 19/20 FY 2017 2.5%	Total =	FY 2018 2.7%	-	FY 20/21 FY 2019 2.8%		FY 2020 2.6%	-	FY 2021 2.5%
Activity	Totals \$ 500 L 500 I (in thousands Totals \$	ls \$) :		FY 16/17 Encumber	red =	2.6%	250 I	FY 17/18 To Encumbered	Total = d =		250	FY 18/19	Const. Inflat		-	FY 19/20 FY 2017 2.5%			-	FY 20/21 FY 2019 2.8%		2.6%	-	FY 2021
TOTA	Totals \$ 500 L 500	ls \$) :		FY 16/17 Encumber	red =		125 250 I	FY 17/18 To	otal =	-	250	FY 18/19		ion Rates =	-	FY 19/20 FY 2017 2.5%	Total =		-	FY 20/21 FY 2019 2.8%			-	FY 2021 2.5%
Activity TOTA	Totals \$ 500 L 500 I (in thousands Totals \$	ls \$) :		FY 16/17 Encumber	red =	2.6%	250 I	FY 17/18 To Encumbered	Total = d =	-	250	FY 18/19	Const. Inflat		-	FY 19/20 FY 2017 2.5%			-	FY 20/21 FY 2019 2.8%		2.6%	-	FY 2021 2.5%
TOTA Flow Inflated	Totals \$ 500 L 500 I (in thousands Totals \$	ls \$) :		FY 16/17 Encumber	red =	2.6%	250 I	FY 17/18 To Encumbered	Total = d =	-	250	FY 18/19	Const. Inflat		-	FY 19/20 FY 2017 2.5%			-	FY 20/21 FY 2019 2.8%		2.6%	-	FY 2021 2.5%
Activity TOTA	Totals \$ 500 L 500 I (in thousands Totals \$ 500	ls \$):		FY 16/17 Encumber	red =	2.6%	250 II I I I I I I I I I I I I I I I I I	FY 17/18 To Encumbered	otal = d =	-	250	FY 18/19	Const. Inflat		201	FY 19/20 FY 2017 2.5%	-		-	FY 20/21 FY 2019 2.8%	-	2.6%	-	FY 2021 2.5%

88

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

	Design				Pri	iority:	1		-				lame/Numbe	er:	Headquar	ters Securit	y Cameras						#	-	
	3/17/15								-			Route Nu			- - 1 1										
	3/16/16								_			Project C			Technolog										
und Source :	SP								_			Work De	scription:		Security (
ength (miles):									_						Design &	Construction	on								
rom:	-			To: <u>-</u>	•				=																
roject Schedule :																									
Activity			201	6			20	17			20	018			20)19			2	020			20	21	
Design																									
Bidding																									
Construction																									
Activity	Totals \$	•	201	6			20	17			20	018			20)19			20	020			20	21	
AL	110			50	10	50																			
Construction	500					500																			
	-																								
TOTAL	610			FY 16/17			610	FY 17/18			-	FY 18/1	9 Total =		-	FY 19/20	Total =		-	FY 20/2	Total =		-		
				Encumbere	ed =			Encumbe	ered =																
																FY 2017		FY 2018		FY 2019		FY 2020		FY 2021	
Cash Flow Inflated	d (in thouse	inde \$) :	r	Base Inflati	on Rate =	2.6%							Const. Inf	lation Rate	, =	2.5%		2.7%		2.8%		2.6%		2.5%	
	`	ιπασ ψ <i>j</i> .			on reace	2.070							Const. IIII	iation Rate.				2.770				2.070			
Activity	Totals \$		201				20	17	,		20	018			20)19			2	020	,		20	21	
EAL	110			50	10	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
onstruction	500			-	-	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
												1									1				
TOTAL	610	<u> </u>	<u> </u>	FY 16/17			610	FY 17/18			-	FY 18/1	9 Total =		-	FY 19/20	Total =		-	FY 20/2	l Total =		-		
			L	Encumbere	ed =			Encumbe	ered =			J													
emarks: EAL inc																									
No infla	tion has bee	en added. A	nnual escal	ation assun	ned to be i	included in	ı total dolla	rs allocate	d per fiscal	year.															

T 10

ast Revision :	3/17/15 3/15/16 SP		Pric	rity :	1			Project Nam Route Numb Project Cate Work Descri	er : gory :	Systemwi Technolog Geolocati	gy							# -	-	
Project Schedule :																				
Activity		2016			2017		20	18		20	019			20)20			202	21	
Design																				
Bidding mplementation																				
																			•	
Activity EAL	Totals \$ 50	2016	20	10 1			20	18		2(019			2()20			202	21	_
mplementation TOTAL	300		Y 16/17 Total =	12	5 FY 17/18 Encumber		135	FY 18/19 T	otal =	-	FY 19/20) Total =		-	FY 20/21	Total =		-		
TOTAL	300	Е			5 FY 17/18		135		otal =	Rates =	FY 2017 2.5%		FY 2018 2.7%	-	FY 20/21 FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%	
TOTAL Cash Flow Inflated Activity	300 (in thousand	Е	Encumbered = ase Inflation Rate =	2.6%	5 FY 17/18 Encumbe					Rates =	FY 2017				FY 2019				2.5%	
TOTAL Cash Flow Inflated Activity EAL	300 (in thousand Totals \$ 50	ds \$) : Ba	Encumbered = ase Inflation Rate =	2.6%	5 FY 17/18 Encumbe			C	onst. Inflation	Rates =	FY 2017 2.5%				FY 2019 2.8%				2.5%	
TOTAL	300 (in thousand	ds \$) : Ba	Encumbered = ase Inflation Rate =	2.6%	5 FY 17/18 Encumbe	red =	20	C	onst. Inflation	Rates = 20	FY 2017 2.5%				FY 2019 2.8%		2.6%		2.5%	
TOTAL Cash Flow Inflated Activity EAL	300 (in thousand Totals \$ 50	ds \$) : Ba	encumbered = ase Inflation Rate = - 20	2.6%	5 FY 17/18 Encumbe	red =	20	C 118	onst. Inflation	Rates = 20	FY 2017 2.5%	-		20	FY 2019 2.8%		2.6%	202	2.5%	

T 11

Date Originated Sq1/66	2021 2021 2021 318 318
Fund Source Spr	2021
Ength (miles) From: To:	2021
From: To:	2021
Activity 2016 2017 2018 2019 2020 Implementation	2021
Activity 2016 2017 2018 2019 2020 Implementation	2021
Implementation Testing 2021	
Project Cost (in thousands \$): Activity Totals S 2016 2017 2018 2019 2020 EAL 7,972 344 344 344 344 494 494 494 494 509 509 509 509 328 328 328 328 318 318 Implementation 49,220 2,854 2,854 2,854 2,854 2,854 5,433 5,433 5,433 5,433 3,663 3,663 3,663 3,563 3,55 355 355 355 TOTAL 57,192 FY 16/17 Total = 12,792 FY 17/18 Total = 23,708 FY 18/19 Total = 16,688 FY 19/20 Total = 2,732 FY 20/21 Total = Encumbered = 12,792 Encumbered = 23,708 FY 18/19 Total = 23,708 FY 2017 FY 2018 FY 2019 FY 2017 FY 2018 FY 2019 FY 2019 FY 2019 FY 2019 FY 2017 FY 2018 FY 2019 FY 2019 FY 2019 FY 2019 FY 2019 FY 2017 FY 2018 FY 2019 FY 2017 FY 2018 FY 2019 FY 201	
Project Cost (in thousands \$): Activity Totals \$ 2016 2017 2018 2019 2020 EAL	
Activity Totals \$ 2016 2017 2018 2019 2020	
Activity Totals \$ 2016 2017 2018 2019 2020	
Activity Totals \$ 2016 2017 2018 2019 2020	
Activity Totals \$ 2016	
EAL 7,972 344 344 344 344 494 494 494 509 509 509 509 328 328 328 328 318 318 318 Implementation 49,220 2,854 2,854 2,854 2,854 5,433 5,433 5,433 5,433 3,663 3,663 3,663 3,663 355 355 355 355 TOTAL 57,192 FY 16/17 Total = 12,792 FY 17/18 Total = 23,708 FY 18/19 Total = 16,688 FY 19/20 Total = 2,732 FY 20/21 Total = Encumbered = 12,792 Encumbered = 23,708 FY 2017 FY 2018 FY 2019	
Implementation 49,220 2,854 2,854 2,854 2,854 2,854 5,433 5,433 5,433 5,433 3,663 3,663 3,663 3,663 3,55 355	318 318
TOTAL 57,192 FY 16/17 Total = 12,792 FY 17/18 Total = 23,708 FY 18/19 Total = 16,688 FY 19/20 Total = 2,732 FY 20/21 Total = Encumbered = 12,792 Encumbered = 23,708 FY 2017 FY 2018 FY 2019	
Encumbered = 12,792 Encumbered = 23,708 FY 2017 FY 2018 FY 2019	<u> </u>
Encumbered = 12,792 Encumbered = 23,708 FY 2017 FY 2018 FY 2019	
Encumbered = 12,792 Encumbered = 23,708 FY 2017 FY 2018 FY 2019	
FY 2017 FY 2018 FY 2019	1,272
Cash Flow Inflated (in thousands \$): Base Inflation rate = 2.6% Const. Inflation Rates = 2.5% 2.7% 2.8%	FY 2020 FY 2021
	2.6% 2.5%
Activity Totals \$ 2016 2017 2018 2019 2020	2021
EAL 7,972 344 344 344 494 494 494 494 509 509 509 509 328 328 328 328 318 318	318 318
Implementation 49,220 2,854 2,854 2,854 2,854 2,854 5,433 5,433 5,433 5,433 3,663 3,663 3,663 3,663 355 355 355	
TOTAL 57,192 FY 16/17 Total = 12,792 FY 17/18 Total = 23,708 FY 18/19 Total = 16,688 FY 19/20 Total = 2,732 FY 20/21 Total =	1,272
Encumbered = 12,792 Encumbered = 23,708	
Remarks: Includes unorades to lane, plaza toll equipment and centralized transaction server, and unorades to violation enforcement and image processing	

91

Supports mix of electronic/coin/attended lanes, future AET, and integration with the proposed new statewide consolidated back office system.

Last Revision: Fund Source: Length (miles): From:	No Activity 3/17/15 3/15/16 SP -	y	To:	Priority :	1	_ _ _ _ _		Project Name/Num Route Number : Project Category : Work Description :	<u>S</u> 1	Systemwid Fechnolog Replaceme	le	grades	ents & Upg	rades				#	-	
roject Schedule :			2016		2015		2.	210		20	10			20	200			20		
Activity Design			016		2017		20	018		20	19	I		20)20	I		20:	21	
nplementation									+								+			_
ipicinentation									+ +								+ +			<u> </u>
																				
																				1
Activity AL nplementation	Totals \$ 76	2	19 79	19 19 79 79	2017 19 79		20	018		20	19			20	020			20	21	
	316					18 Total =	_	FY 18/19 Total =		-	FY 19/20	Total =		_	FY 20/21	Total =		_		
TOTAL	392	nds \$) :	FY 16/17 Encumber	Total = red =	392 FY 17/1 Encumb		-	FY 18/19 Total =	flation Rates		FY 19/20 FY 2017 2.5%	Total =	FY 2018 2.7%	-	FY 20/21 FY 2019 2.8%	Total =	FY 2020 2.6%		FY 2021 2.5%	
	392	· ·	FY 16/17 Encumber	Total = red =	392 FY 17/1 Encumb				flation Rates		FY 2017 2.5%	Total =			FY 2019	Total =			2.5%	
TOTAL ash Flow Inflated Activity AL	392	· ·	FY 16/17 Encumber	Total = red =	392 FY 17/1 Encumb			Const. I	flation Rates	=	FY 2017 2.5%	Total =			FY 2019 2.8%	Total =			2.5%	
TOTAL ash Flow Inflated Activity	392 (in thousan Totals \$	· ·	FY 16/17 Encumber Base Inflat	Total = red = ion Rate = 2.6%	392 FY 17/1 Encumb			Const. I	flation Rates	= 20	FY 2017 2.5%	Total =			FY 2019 2.8%	Total =			2.5%	
TOTAL ash Flow Inflated	392 (in thousan Totals \$ 76	· ·	FY 16/17 Encumber Base Inflat	Total = red = 2.6%	392 FY 17/1 Encumb		20	Const. I	flation Rates	= 20	FY 2017 2.5%	Total =			FY 2019 2.8%	Total =	2.6%		2.5%	

T 13

5/12/2016 92 FY 17-21

Projects include Toll Network Core Move, Hiawassee Data Center Move, & Mainline Plaza Telephone System Upgrade

	No Activit 3/17/15 5/3/16 SP	y	To: <u>-</u>	Priori	ty :	I				Route Numb Project Categ Work Descri	gory :	Systemwi Technolo Replacem	ide	grades	ents & Upgr	ades				#	-	
Activity			2016			2017			20	10		າ	019			20	20			20	21	
Design			2010			2017			20	10		2	019			20	20			20	21	
Implementation							+															
premenation																						
Activity EAL Implementation	Totals \$ 840 3,500		2016 150 625	150 625	150 625	2017 150 6 625 25		60 250	60 250	18		2	019			20	20			20	21	
TOTAL	4,340	ļ.	FY 16/17	Total =		3,100 FY 17/	18 Total =	· · · · · · · · · · · · · · · · · · ·	1,240	FY 18/19 To	otal =	-	FY 19/20	Total =		-	FY 20/21	Total =		-		
		!	Encumber	ed =			pered =						EV 2017		EX 2010		EV 2010		EX 2020		EW 2021	
			Rase Inflati	on Rate =	2.6%					Co	onst. Inflatio	on Rates =	FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%	
Cash Flow Inflated	d (in thousa	nds \$) :	Dase Illian	on ruit																	21	
Cash Flow Inflated	d (in thousa		2016			2017			20	18		2	019			20	20			20	21	
Activity	Totals \$		2016	150	150	150 6		60	60	18	-		019	-	-	20	20	-	-	- 20		
Activity	Totals \$		2016					60 250			- -			-	-			- -	-			
Activity EAL mplementation	Totals \$	<u> </u>	2016	150	150	150 6			60	-			-			-	-			-	21	

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

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

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

Date Originated: Last Revision: Fund Source: Length (miles): From: Project Schedule	3/17/15 3/15/16 SP - -		То:	Priority :			- - - -			Route Numbe Project Categ Work Descrip	gory :	eCommer Systemwi Technolog Mobile A Design &	de gy							#	-	
Activity		20	016			2017			20	1 Q		21	019			20)20			20	21	
Design			1			2017		T	20	10		20	019	T	I	20	120		1	20	21	
Implementation																						
Activity EAL Implementation	Totals \$ 384 400	21	96		96 9				20	18		20	019			20)20			20	21	
	-																					
TOTAI	. 784		FY 16/17		78	4 FY 17/18			-	FY 18/19 To	otal =	-	FY 19/20	Total =		-	FY 20/21	Total =		-		
		nds \$) :	FY 16/17 Encumber	ed =	78	4 FY 17/18 Encumber			-		otal =		FY 19/20 FY 2017 2.5%		FY 2018 2.7%	-	FY 20/21 FY 2019 2.8%	Total =	FY 2020 2.6%	-	FY 2021 2.5%	
		<i>'</i>	Encumber	ed =	5%				- 20	Co		Rates =	FY 2017				FY 2019	Total =		20	2.5%	
Cash Flow Inflate	d (in thousan	<i>'</i>	Encumber Base Inflat	ed = ion Rate = 2.	5%	Encumber 2017		-		Co		Rates =	FY 2017 2.5%				FY 2019 2.8%	Total =			2.5%	
Cash Flow Inflate Activity	d (in thousan	<i>'</i>	Encumber Base Inflat	ed = ion Rate = 2.	5%	Encumbe 2017 -	ered =		20	Cc	onst. Inflation	Rates =	FY 2017 2.5%		2.7%	20	FY 2019 2.8%		2.6%	20	2.5%	
Cash Flow Inflate Activity EAL	d (in thousan	<i>'</i>	Encumber Base Inflat 016 97	ed = ion Rate = 2.	5% 97 9	Encumbe 2017 -	red =	-	20	Cc	onst. Inflation	Rates = 20	FY 2017 2.5% 019	-	2.7%	20	FY 2019 2.8%	-	2.6%	20	2.5%	

No inflation has been added. Annual escalation assumed to be included in total dollars allocated per fiscal year. Mobile Phone Application for the eCommerce Website Depending Upon Requirements

Last Revision : Fund Source : Length (miles) : From:	No Activity 3/17/15 3/15/16 SP -		To:	-	iority :	1					Project No Route Nu Project Ca Work Des	ategory:		Systemwic Technolog E-PASS R	gy							#	
Project Schedule																							
Activity		20)16			20	17			20)18	_		20	019			20	020			20:	21
Design																							
Implementation																							
												-											
Project Cost (in th	nousands \$) :																						·
Activity	Totals \$	20)16				17			20)18			20	019			20	020			20:	21
EAL	4,200		525	525	525	525	525	525	525	525													
Implementation	17,500			2,500	2,500	2,500	2,500	2,500	2,500	2,500													
	-																						
				<u> </u>								<u> </u>											
TOTAL	21,700		FY 16/17			9,600	FY 17/18			12,100	FY 18/19	7 Total =		-	FY 19/20	Total =		-	FY 20/21	Total =		-	
Cash Flow Inflate	d (in thousands \$):	:	Encumbe	tion Rate =	2.6%		Encumber	ed =			l	Const. Inf	lation Rates	=	FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%
Activity	Totals \$	20)16			20	117			20	018			20	019			20	020			20:	21
EAL	4,251		528	532	532	532	532	532	532	532	-	-	-	-	-	-	-	-	-	-	- 1	-	
Implementation	17,719		-	2,531	2,531	2,531	2,531	2,531	2,531	2,531	-	-	-	-	-	-	-	-	_	-	-	-	
TOTAL	21,971		FY 16/17			9,718	FY 17/18			12,253	FY 18/19	7 Total =	·	-	FY 19/20	Total =	<u> </u>	-	FY 20/21	Total =		-	
			Encumbe	red =			Encumber	red =]												
B 1 B47:																							

95

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

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

Back Office Re-Write | Hardware, Software, Licenses, Personnel. Including outside consultant development.

Last Revision : Fund Source : Length (miles) : From:	On-going 3/1/95 3/16/16 SP		To:		iority : _	2					Project Na Route Nu Project Ca Work Des	tegory:	- - -	Systemwich Signing and Signing and Design &	de Miscella de nd Pavemer nd Pavemer Construction to be determ	nt Markings nt Markings		ement Mar	kings			#	-
Project Schedule :																							
Activity			2016			20	17			20)18			20)19			20)20			202	21
Design Construction																							
Construction																							
Project Cost (in the Activity EAL Construction	ousands \$) Totals \$ 100 650	:	2016	10	10 130	20	017	10	10 130	20	018	10	10 130	20	019	10	10 130	20)20	10	10 130	202	21
TOTAL	750		FY 16/17 Encumbe			150	FY 17/18 Encumbe			150	FY 18/19	Total =		150	FY 19/20	Total =		150	FY 20/21	Total =		150	
Cash Flow Inflate	d (in thousa	nds \$) :	Base Infla	tion Rate =	2.6%							Const. Infl	ation Rates	=	FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%
Activity	Totals \$		2016			20	17			20)18			20)19			20)20			202	21
EAL	100		-	10		-	-	10	10	-	-	10	10	-	-	10	10	-	-	10	10	-	
Construction	650		-	-	130	-	-	-	130	-	-	-	130	-	-	-	130	-	-	-	130	-	
																				<u> </u>			
TOTAL	750		FY 16/17			150	FY 17/18			150	FY 18/19	Total =		150	FY 19/20	Total =		150	FY 20/21	Total =		150	
			Encumbe	ered =			Encumbe	red =															

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

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

Projects include new installations of signs and pavement markings to enhance the system.

FY 17-21

Last Revision : Fund Source : Length (miles) :	Bidding 6/13/13 3/16/16 SP					ority:	1		- - -			Route Nu Project C		er:	Systemwi Signing an Signing	Sign Replacede de nd Pavemen	nt Marking	s					#	599-624
From:				To: <u>-</u>	-				-															
Project Schedule :	:																							
Activity			2016				20	017			2	018			20	019			2	020			20	21
Bidding																								
Construction																								
Project Cost (in th	nousands \$)	:																						
Activity	Totals \$		2016				20	17			20	018			20)19			2	020			20	21
EAL	71			10	31	31																		
Construction	510				255	255																		
							=0.4	****				*****												
TOTAL	581			umber	Total =		581	FY 17/18 Encumber			-	FY 18/1	9 Total =		-	FY 19/20	1 otal =			FY 20/2	l Total =		-	
Cash Flow Inflate	`		Base		ion Rate =	2.6%			ered –			J	Const. Int	lation Rate		FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%
Activity	Totals \$		2016			1	20	17	1		2	018			20)19			2	020	1		20	21
EAL	72			10	31	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Construction	516			-	258	258	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	1										1	1	+	 				 		+	1	1		
TOTAL	588		EV	16/17	Total =		500	FY 17/18	Total =			EV 19/1	9 Total =		_	FY 19/20	Total =		<u> </u>	FY 20/2	1 Total =		_	
IOTAL	300	ļ		umber			300	Encumbe				1 1 10/1	9 10tai –			1.1 19/20	10tai –			I 1 20/2	i i otai –			
Remarks: EAL inc				engin	neering & ins		ching mai			canopies.														

Last Revision : Fund Source :	No Activi 6/20/14 5/2/16 SP	ty		То:		ority :	2					Project Nan Route Num Project Cat Work Desc	nber : egory :		Systemwic Signing and Signing		nt Marking	thority Logo s	Replace	ment			#	-	
	-			10.	-																				
Project Schedule :	:						• •				•	10			-								-		
Activity			201	6		I	20	17			20	18			20)19	1		2	020	T		20	21	
Design Bidding																									
Construction																				+					
Project Cost (in th				_							-														
Activity	Totals \$	ı	201	6			20			10	20				20)19	ı		2	020	T		20	21	
EAL Construction	270 1,500							55	55	10	75 750	75 750								1					
Construction	1,300										730	/30													
TOTAL	1,770	!		FY 16/17	Total =		-	FY 17/18	Total =		945	FY 18/19	Total =	l .	825	FY 19/20	Total =	ļļ	-	FY 20/2	1 Total =		-	-	
		ı		Encumber				Encumber								1				1					
Cash Flow Inflate	`	ands \$) :			tion Rate =	2.6%							Const. Inf	lation Rates		FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%	1	FY 2020 2.6%		FY 2021 2.5%	
Activity	Totals \$	ı	201	6			20				20				20)19			2	020	1		20	21	
EAL	282			-	-	-	-	57	57	10	79	79	-	-	-	-	-	-	-	-	-	-	-		
Construction	1,580			-	-	-	-	-	-	-	790	790	-	-	-	-	-	-	-	-	-	-	-		
																				+					
TOTAL	1,862	<u> </u>		FY 16/17	Total =	L	_	FY 17/18	Total =		993	FY 18/19	Total =		869	FY 19/20	Total =		_	FY 20/2	1 Total =		_		
10111	1,002	<u>l</u>	<u> </u>	Encumber				Encumber				1 1 10/17	101111		007	1 1 17/20	10141			1120/2	1 101111				
Remarks: EAL inc	cludes desig	n, bidding,	<u></u>			ection and p	oost-design	ı																	

Date Originated: Last Revision: Fund Source: Length (miles): From: Project Schedule	No Activity 3/13/16 4/25/16 SP		To: -	Priority :					Route Num Project Cat Work Desc	egory:	Signing	and Paveme	nt Markings						#	-		
Activity		2	016		20	17			20	118		,	2019			20	020			20)21	
Design			.010			1,			20				2017			20	120			20	121	
Bidding																						†
Construction													<u> </u>									
								İ														
Activity	Totals \$ 310		016	60	60 10	60	60	60	20	18			2019			20)20			20)21	
	1,500						500	500														
Construction TOTAL			FY 16/17 To		130	FY 17/18	Total =	500	1,680	FY 18/19	Total =	-	FY 19/20) Total =		-	FY 20/21	Total =		-		
TOTAI	d (in thousand	<u> </u>	Encumbered Base Inflation	=	6%	FY 17/18 Encumber	Total =	500			Total = Const. Inflation	on Rates =	FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%	Total =	FY 2020 2.6%		FY 2021 2.5%	
TOTAI Cash Flow Inflate Activity	d (in thousan	<u> </u>	Encumbered Base Inflation	n Rate = 2.	6%	FY 17/18 Encumber	Total = red =		20			on Rates =	FY 2017 2.5%				FY 2019					
TOTAI ash Flow Inflate Activity AL	1,810 d (in thousand Totals \$ 318	<u> </u>	Encumbered Base Inflation	n Rate = 2.	5% 20 61 10	FY 17/18 Encumber	Total = ed =	62		18	Const. Inflatio	on Rates =	FY 2017 2.5%		2.7%	20	FY 2019 2.8%	Total =	2.6%	20	2.5%	
TOTAI ash Flow Inflate Activity	d (in thousan	<u> </u>	Base Inflation	n Rate = 2.	5% 20 61 10	FY 17/18 Encumber	Total = red =		20	18 -	Const. Inflatio	on Rates =	FY 2017 2.5%	-	2.7%	20	FY 2019 2.8%	-	2.6%	20	2.5%	

99

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.

-	No Activit 3/13/16	· y		- 111	ority:	1					Route Nur	me/Number mber :	_	SR 417 Gu SR 417	ide Sign R	eplacemen	t					#	-
st Revision :	3/16/16 SP										Project Ca Work Des	itegory:	5	Signing an Signing	d Pavemen	t Markings	S						
ngth (miles):	-											_	Ī	Design & (Constructio	n							
m:	-		To:										_										
ect Schedule :																							
Activity			2016			201	7			20	.8			20	19			20)20			20)21
gn																							
ling				ĺ																			
truction				ĺ																			
										j													
A adiasidas	Takala 0		2016			201	7			201	0			20	10			20	120				
Activity	Totals \$		2016		T	201	7			60		10	60	20 60				20)20	1		20)21
·	Totals \$ 310 1,500		2016			201	7				60	10	60 500		60 500			20)20			20)21
·	310		2016			201	7					10		60	60			20)20			20)21
truction	310 1,500			Total =				Total =		60	60			500 500	500 500	Total =				Total =)21
,	310		FY 16/17			-	FY 17/18			60				500 500	60	Total =			FY 20/21	Total =		-)21
struction	310 1,500					-				60	60			500 500	500 500	Total =				Total =)21
struction	310 1,500		FY 16/17			-	FY 17/18			60	60			500 500 1,190	500 500	Total =	FY 2018				FY 2020		FY 2021
TOTAL	310 1,500 1,810	nds \$) :	FY 16/17 Encumbe		2.6%	-	FY 17/18			60	60 FY 18/19		500	500 500 1,190	60 500 FY 19/20	Total =	FY 2018 2.7%		FY 20/21		FY 2020 2.6%		
TOTAL a Flow Inflated	310 1,500 1,810	nds \$) :	FY 16/17 Encumbe	red =	2.6%	-	FY 17/18 Encumber			60	60 FY 18/19	Total =	500	500 500 1,190	60 500 FY 19/20 FY 2017 2.5%	Total =		560	FY 20/21			-	FY 2021
TOTAL a Flow Inflated Activity	310 1,500 1,810	nds \$) :	FY 16/17 Encumbe	red =	2.6%	-	FY 17/18 Encumber		-	60	60 FY 18/19	Total =	500	60 500 1,190	60 500 FY 19/20 FY 2017 2.5%	Total =		560	FY 20/21 FY 2019 2.8%			-	FY 2021 2.5%
TOTAL n Flow Inflated Activity	310 1,500 1,810 (in thousa	nds \$) :	FY 16/17 Encumbe Base Infla	red = tion Rate =		-	FY 17/18 Encumber	red =		60 60	60 FY 18/19	Total =	500 stion Rates	60 500 1,190 =	60 500 FY 19/20 FY 2017 2.5%			560	FY 20/21 FY 2019 2.8%			-	FY 2021 2.5%
TOTAL Flow Inflated Activity	310 1,500 1,810 (in thousa Totals \$ 330	nds \$) :	FY 16/17 Encumbe Base Infla 2016	red = tion Rate =	-	-	FY 17/18 Encumber	red =		60 60 60 60 60 60 60 60 60 60 60 60 60 6	60 FY 18/19 8 63	Total = Const. Infla	500 tion Rates	60 500 1,190 = 20 64	60 500 FY 19/20 FY 2017 2.5%	-	2.7%	560	FY 20/21 FY 2019 2.8%		2.6%	200	FY 2021 2.5%
Activity L Instruction TOTAL h Flow Inflated Activity L Instruction TOTAL	310 1,500 1,810 (in thousa Totals \$ 330	nds \$) :	FY 16/17 Encumbe Base Infla 2016	tion Rate =	-	201	FY 17/18 Encumber	red =	-	60 60 60 63 -	60 FY 18/19 8 63	Total = Const. Infla	500 tion Rates	60 500 1,190 = 20 64 538	60 500 FY 19/20 FY 2017 2.5%	-	2.7%	560 20 -	FY 20/21 FY 2019 2.8%	-	2.6%	200	FY 2021 2.5%

100

Replace sign panels due to expired sheeting warranty.

Project Limits International Drive to Moss Park excluding areas subject to widening projects. Includes LED lights.

t Revision : d Source :	No Activity 3/13/16 3/16/16 SP	у		. 11	riority :						Route Nur Project Ca Work Des	ategory:	SI Si Si	R 417		t Markings						#	-
1:	-		To:	-										csign & C	onstructio	,11 							
ct Schedule :																							
Activity			2016			20	17			20)18			201	9			20)20			20)21
ign																							
ing																							
struction																							
et Cost (in the	ousanus ϕ).	•																					
Activity	Totals \$		2016			20	17			20)18			201				20				20)21
j	310		2016			20	17			20)18			201 60	9 60	10	60	60	60			20)21
Ž			2016			20	17			20)18					10	60 500					20)21
Ž	310		2016			20	17			20	018					10		60	60			20)21
truction	310 1,500					20		T						60	60			500 500	500	T 1)21
Ž	310		FY 16/17			-	FY 17/18			-	FY 18/19	Total =		60				500 500	60	Total =		560)21
truction	310 1,500					-						Total =		60	60			500 500	500	Total =			021
struction	310 1,500		FY 16/17			-	FY 17/18					Total =		60	60 FY 19/20		500	500 500	60 500 FY 20/21	Total =	EV 2020		
struction TOTAL	310 1,500 1,810	nds \$) :	FY 16/17 Encumbe	red =	= 2.6%	-	FY 17/18				FY 18/19		tion Rates =	60	60 FY 19/20 FY 2017		500 FY 2018	500 500	60 500 FY 20/21	Total =	FY 2020 2 6%		FY 2021
TOTAL	310 1,500 1,810	nds \$) :	FY 16/17 Encumbe	red =	= 2.6%	-	FY 17/18 Encumbe			-	FY 18/19	Total =	tion Rates =	60	60 FY 19/20 FY 2017 2.5%		500	500 500	60 500 FY 20/21 FY 2019 2.8%	Total =	FY 2020 2.6%	560	FY 2021 2.5%
Activity TOTAL Total Flow Inflated Activity	310 1,500 1,810 (in thousan Totals \$	nds \$) :	FY 16/17 Encumbe	red =		-	FY 17/18			- 20	FY 18/19		tion Rates =	60 60 201	60 FY 19/20 FY 2017 2.5%	Total =	500 FY 2018 2.7%	1,190 20	FY 20/21 FY 2019 2.8%			560	FY 2021
TOTAL Flow Inflated Activity	310 1,500 1,810 (in thousan Totals \$ 339	nds \$) :	FY 16/17 Encumbe Base Infla 2016	red = tion Rate =	-	-	FY 17/18 Encumbe		-	200	FY 18/19		tion Rates =	60 60 201 65	FY 19/20 FY 2017 2.5% 9 65		500 FY 2018 2.7%	1,190 20 66	FY 20/21 FY 2019 2.8%	Total =	2.6%	560	FY 2021 2.5%
TOTAL Flow Inflated	310 1,500 1,810 (in thousan Totals \$	nds \$) :	FY 16/17 Encumbe Base Infla	red =		-	FY 17/18 Encumbe		-	- 20	FY 18/19		tion Rates =	60 60 201	60 FY 19/20 FY 2017 2.5%	Total =	500 FY 2018 2.7%	1,190 20	FY 20/21 FY 2019 2.8%			560	FY 2021 2.5%
TOTAL Flow Inflated	310 1,500 1,810 (in thousan Totals \$ 339	nds \$) :	FY 16/17 Encumbe Base Infla 2016	red = tion Rate =	-	-	FY 17/18 Encumbe			200	FY 18/19		tion Rates =	60 60 201 65	FY 19/20 FY 2017 2.5% 9 65	Total =	500 FY 2018 2.7%	1,190 20 66	FY 20/21 FY 2019 2.8%		2.6%	560	FY 2021 2.5%
TOTAL Flow Inflated	310 1,500 1,810 (in thousan Totals \$ 339	nds \$) :	FY 16/17 Encumbe Base Infla 2016	red =	-	-	FY 17/18 Encumbe	red =		200	FY 18/19	Const. Infla	tion Rates =	60 60 201 65 -	FY 19/20 FY 2017 2.5% 9 65	Total =	500 FY 2018 2.7%	1,190 200 66 552	FY 20/21 FY 2019 2.8%	-	2.6%	560	FY 2021 2.5%

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

Replace sign panels due to expired sheeting warranty.

Project Limits SR 451 to SR 441. Includes LED lights.

Last Revision : Fund Source :	Constructi 5/10/04 4/27/16 RR 16.8 I-Drive	on	To:	Moss Park	fority :	1					Project N Route Nu Project C Work De	ategory:	er:	SR 417 Re SR 417 Renewal & Mill & Re Construction	& Replacen	nent Projec	ts					#	417-733
	•		2016			20	15			2/	10			20	10				.020			20	I
Activity			2016			20)17			20)18			20)19	T		2	.020	ı		20	21
Construction																							
				1							-	+			-					-	-		
Project Cost (in th		:											_				_						
Activity	Totals \$		2016			20	17			20)18			20)19			. 2	.020			20.	21
EAL	660		220.08	220	220																		
Construction	11,004		3,668	3,668	3,668																		
TOTAI	11,664		FY 16/17				FY 17/18			-	FY 18/19	9 Total =		-	FY 19/20	Total =		-	FY 20/21	Total =		-	
			Encumbe	red =		11,664	Encumbe	red =															
															FY 2017		FY 2018		FY 2019		FY 2020		FY 2021
Cash Flow Inflate	d (in thousa	ınds \$) :	Base Infla	tion Rate =	2.6%							Const. Inf	lation Rate	s =	2.5%		2.7%		2.8%		2.6%		2.5%
Activity	Totals \$		2016			20	17			20)18			20)19			2	020			20.	21
EAL	660		220	220	220	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Construction	11,004		3,668	3,668	3,668	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		, -																		
TOTAI	11,664		FY 16/17	Total =		11,664	FY 17/18	Total =		-	FY 18/19	9 Total =		-	FY 19/20	Total =		_	FY 20/21	Total =		-	
-		•	Encumber	red =			Encumbe												•				
						,																	
Remarks: EAL inc	cludes const	ruction eng	gineering & inspection	and post-d	lesign servi	ices.																	

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Includes replacement of single post signs within resurfacing limits. Construction Contract \$18.5 million.

Current Status:	No Activity	Priority:	1	Project Name/Number:	SR 408 Resurfacing	# -
Date Originated:	4/23/12			Route Number:	SR 408	
Last Revision:	4/25/16			Project Category:	Renewal & Replacement Projects	
Fund Source:	RR			Work Description:	Mill & Resurface	
Length (miles):	8.1				Design & Construction	
From:	West SR 50 To: <u>I-4</u>					

Project Schedule:

Activity	20		20)17		20		20)19		20)20		20	21	
Design																
Bidding																
Construction																

Project Cost (in thousands \$):

Activity	Totals \$		20	16			20	17			20	18		20	19		20)20		20	21	
EAL	2,633				596	596	10	358	358	358	358											
Construction	23,856							5,964	5,964	5,964	5,964											
TOTAL	26,489		-	FY 16/17	7 Total =		1,202	FY 17/18	Total =		25,287	FY 18/19	Total =	 -	FY 19/20	Total =	-	FY 20/21	Total =	-		
		•		Encumbe	ered =			Encumber	red =												•	

FY 2017 FY 2018 FY 2019 FY 2020 FY 2021 Cash Flow Inflated (in thousands \$): Base Inflation Rate = 2.6% Const. Inflation Rates = 2.5% 2.7% 2.8% 2.6% 2.5%

Activity	Totals \$		20	16			20	17			20	18			20)19			20)20			20	21	
EAL	2,696			-	604	604	10	370	370	370	370	-	-	-	-	-	-	-	-	-	-	-	-		
Construction	24,623			-	-	-	-	6,156	6,156	6,156	6,156	-	-	-	-	-	-	-	-	-	-	-	-		
TOTAL	27,319			FY 16/17	Total =		1,218	FY 17/18	Total =		26,102	FY 18/19	Total =		-	FY 19/20	Total =		-	FY 20/21	Total =				
		_'		Encumbe	red =			Encumbe	red =																

103

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

Includes replacement of single post signs within resurfacing limits.

Does not include milling and resurfacing of SR 408 from Good Homes to Hiawassee Road, which will be resurfaced as part of the SR 408 widening project. Allows for I-4 Project limits.

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

Project Schedule:

Activity	20	016		20	17		20	18		20		20	020		20	21	
Design																	ĺ
Bidding																	ĺ
Construction																	ĺ
																	ĺ
																	ĺ

Project Cost (in thousands \$):

Activity	Totals \$		20)16			20)17			20	18		20	19			20)20		20	21	
EAL	1,775			401	401	10	241	241	241	241													
Construction	16,056						4,014	4,014	4,014	4,014													
TOTAL	17,831		•	FY 16/17	Total =		5,067	FY 17/18	Total =		12,765	FY 18/19	Total =	-	FY 19/20	Total =	•	-	FY 20/21	Total =	-		
		•		Encumber	red =		812	Encumbe	red =														

 Cash Flow Inflated (in thousands \$):
 Base Inflation rate = 2.6%
 FY 2017
 FY 2018
 FY 2019
 FY 2020
 FY 2021

 Cash Flow Inflated (in thousands \$):
 Base Inflation rate = 2.6%
 Construction Inflation Rates = 2.5%
 2.7%
 2.8%
 2.6%
 2.5%

Activity	Totals \$	20	16			20	17			20	18			20)19			20)20			20:	21	
EAL	1,806		404	404	10	247	247	247	247	-	-	-	-	-	-	-		-	-	-	-	-		
Construction	16,461		-	-		4,115	4,115	4,115	4,115	-	-	-	-	-	-	-	-	-	-	-	-	-		
TOTAL	18,267		FY 16/17	Total =		5,180	FY 17/18	Total =		13,087	FY 18/19	Total =		-	FY 19/20	Total =		-	FY 20/21	Total =		-		
·			Encumber	red =	·	817	Encumbe	red =								·		·						

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

Includes replacement of single post signs within resurfacing limits.

Date Originated :	No Activity 3/17/15	у		Prio	ority:	1					Route Nur		SR 528	esurfacing	n:						#	528-740	
	4/25/16										Project Ca			& Replacer	nent Project	ts							
	RR										Work Des	cription :	Mill & R										
- '	1.4			~									Design &	Constructi	on								
From:	SR 436		To:_	Goldenrod I	Road																		
Project Schedule :																							
Activity			2016			20	17			20	18		2	019			20)20			20	21	
Design																							
Bidding																							
Construction																							
Activity	Totals \$		2016			20	I /			20	18			019			20)20			20	21	
CONSTRUCTION TOTAL	477 4,248 4,725		FY 16/17 Encumber		10		127 2,124 FY 17/18 Encumber			2,251	FY 18/19	Total =	-	FY 19/20	Total =		-	FY 20/21	Total =		-		
Construction	4,248	nds \$) :		Total =	2.6%	2,124	2,124			2,251		Total =		FY 19/20 FY 2017 2.5%		FY 2018 2.7%	-	FY 20/21 FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%	
Construction TOTAL	4,248	nds \$) :	FY 16/17 Encumber	Total =		2,124	2,124 FY 17/18 Encumber			2,251			on Rates =	FY 2017				FY 2019				2.5%	
TOTAL	4,248 4,725	nds \$) :	FY 16/17 Encumber	Total =		2,124	2,124 FY 17/18 Encumber		-				on Rates =	FY 2017 2.5%				FY 2019 2.8%				2.5%	
TOTAL cash Flow Inflated Activity	4,248 4,725 d (in thousan	nds \$) :	FY 16/17 Encumber Base Inflat	Total = red =	2.6%	2,124	2,124 FY 17/18 Encumber	red =	-	20		Const. Inflat	on Rates =	FY 2017 2.5% 019				FY 2019 2.8%		2.6%		2.5%	
TOTAL ash Flow Inflated Activity AL	4,248 4,725 4 (in thousan Totals \$ 486	nds \$) :	FY 16/17 Encumber Base Inflat 2016 107	Total = red =	2.6%	2,124 2,474 20 131	2,124 FY 17/18 Encumber	red =		20	18	Const. Inflat	on Rates =	FY 2017 2.5%	-		20	FY 2019 2.8%		2.6%	20	2.5%	
TOTAL ash Flow Inflated Activity AL construction	4,248 4,725 d (in thousan Totals \$ 486 4,355	nds \$) :	FY 16/17 Encumber Base Inflat 2016 107 -	Total = red =	2.6%	2,124 2,474 20 131 2,178	2,124 FY 17/18 Encumber 17 131 2,178	red =		20		Const. Inflat	on Rates =	FY 2017 2.5% 019	-		20	FY 2019 2.8% 020	-	2.6%	20	2.5%	
TOTAL ash Flow Inflated Activity AL	4,248 4,725 d (in thousan Totals \$ 486 4,355	nds \$) :	FY 16/17 Encumber Base Inflat 2016 107	Total = red =	2.6%	2,124 2,474 20 131 2,178	2,124 FY 17/18 Encumber	red =		20	18	Const. Inflat	on Rates =	FY 2017 2.5%	-		20	FY 2019 2.8%	-	2.6%	20	2.5%	

Current Status:	No Activity	,			Pr	riority:	1				Project Na	ame/Number	::	SR 528 R	esurfacing						#	528-741	
Date Originated:	4/27/12				•				_		Route Nu	ımber :		SR 528									
Last Revision:	3/16/16								_		Project Ca	ategory:		Renewal &	& Replacen	nent Projec	ts						
Fund Source:	RR								_		Work Des	scription:		Mill & Re	esurface								
Length (miles):	21.7								_			_		Design &	Constructi	on							
From:	Goldenrod I	Road		To:	SR 520 (E	East) / SR 4	17 Innovat	ion Way (S	outh)														
Project Schedule	:																						
Activity			20	16			2	017		20)18			20)19			20)20		20)21	
Design																							
Design Bidding																							
Construction																							

Project Cost (in thousands \$):

Activity	Totals \$	20	016			20	17			20	18			20)19			20	020			20)21	
EAL	5,780				1,069	1,069	1,069	10	513	513	513	513	513											
Construction	42,740								8,548	8,548	8,548	8,548	8,548											
TOTAI	48,520	•	FY 16/17	Total =		2,137	FY 17/18	Total =		19,200	FY 18/19	Total =		27,183	FY 19/20	Total =	•	-	FY 20/2	1 Total =	•	-		•
			Encumber	red =			Encumber	red =																

FY 2017 FY 2018 FY 2019 FY 2020 FY 2021 Cash Flow Inflated (in thousands \$): Base Inflation Rate = 2.6% Const. Inflation Rates = 2.5% 2.7% 2.8% 2.6% 2.5%

Activity	Totals \$		20)16			20	17			20	18			20)19			20)20			20:	21	
EAL	5,962			-	-	1,090	1,090	1,090	10	537	537	537	537	537	-	-	-	-	-	-	-	-	-		
Construction	44,712			-	-	-	-	-	-	8,942	8,942	8,942	8,942	8,942	-	-	-	-	-	-	-	-	-		
TOTAL	50,674			FY 16/17	Total =		2,179	FY 17/18	Total =		20,058	FY 18/19	Total =		28,437	FY 19/20	Total =		-	FY 20/21	Total =		-		
<u> </u>		-		Encumbe	red =			Encumbe	red =	·					·	·		·			·				

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

Includes SR 417 resurfacing from Innovation Way to SR 528.

Includes replacement of single post signs within resurfacing limits.

Date Originated : Last Revision : Fund Source : Length (miles) :	No Activity 7/3/13 3/16/16 RR 1.8 East of I-4	7	1	o: <u>Lake U</u>	Priority:	ge 1					Route Nu Project C			Mill & Re	k Replacen		ts					#	-	
Activity			2016			20)17			20	018			20	119			2.0)20			20	2.1	
Design			2010			1					310			20				20	20			20		
Bidding																								
Construction											1	1												
																								i
											1	1												i
Project Cost (in the Activity EAL Construction	Totals \$ 915 8,223		2016			20	017			20	206	206	10	20 164 2,741	164 2,741	164 2,741		20	020			20	21	
																								1
																								1
TOTAL	9,138	•		'17 Total -	= .	-	FY 17/18		•	-	FY 18/1	9 Total =		3,327	FY 19/20	Total =		5,811	FY 20/21	Total =	•	-		
Cash Flow Inflated	l (in thousar	nds \$) :	Base In	ibered = flation Ra	te = 2.6%		Encumbe	red =]	Const. Inf	lation Rates	ş =	FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%	
Activity	Totals \$		2016			20)17			20	018			20	19			20)20			20	21	
EAL	981		-	-	-	-	-	-	-	-	218	218	11	178	178	178	-	-	-	-	-	-		1
Construction	8,905		-	-	-	-	-	-	-	-	-	-	-	2,968	2,968	2,968	-	-	-	-	-	-		
																								4
																								ı
TOTAL	9,886			17 Total =	-	-	FY 17/18			-	FY 18/1	9 Total =		3,594	FY 19/20	Total =		6,293	FY 20/21	Total =		-		
			Encum	bered =			Encumbe	red =			_													
Remarks: EAL inc			nstruction engin			l post-design	n services.																	
merades	repracemen	t of single pos	si signs within r	esurracing	, millis.																			

Current Status:	No Activity	Priority:	1	Project Name/Number:	SR 408 Resurfacing	# 408-739
Date Originated:	7/3/13			Route Number:	SR 408	
Last Revision:	4/25/16			Project Category:	Renewal & Replacement Projects	
Fund Source:	RR			Work Description:	Mill & Resurface	
Length (miles):	1.8				Design & Construction	
From:	Lake Underhill Bridge	To: Yucatan Drive				
Project Schedule :	= = = = = = = = = = = = = = = = = = =					

Activity	20	016		20	17		20		20)19		20)20		20	21	
Design																	
Bidding																	
Construction																	
Toll Equipment												<u> </u>					

Project Cost (in thousands \$):

Activity	Totals \$	20	16			20	17			2018			20	19			20	020			20	21	
EAL	985		222	222	10	177	177	177															
Construction	8,867					2,956	2,956	2,956															
Toll Equipment	840							840															
TOTAL	10,693	-	FY 16/17	Total =		3,586	FY 17/18	Total =	•	7,106 F	Y 18/19	Total =	-	FY 19/20	Total =	•	-	FY 20/2	Total =	-	-		
			Encumber	red =			Encumbe	red =															

FY 2017 FY 2018 FY 2019 FY 2020 FY 2021 Cash Flow Inflated (in thousands \$): Base Inflation Rate = 2.6% Const. Inflation Rates = 2.5% 2.7% 2.8% 2.6% 2.5%

Activity	Totals \$	20	16			20	17			20	18			20)19			20)20			20:	21	
EAL	1,002		223	223	10	182	182	182	-	-	-	-	-	-	-	-	-	-	-	-	-	-		·
Construction	9,091		-	-	-	3,030	3,030	3,030	-	-	-	-	-	-	-	-	-	-	-	-	-	-		·
Toll Equipment	873		-	-	-	-	-	873	-	-	-	-	-	-	-	-	-	-	-	-	-	-		·
																								1
TOTAL	10,967		FY 16/17	Total =		3,669	FY 17/18	Total =		7,298	FY 18/19	Total =		-	FY 19/20	Total =		-	FY 20/21	Total =		-		
	·		Encumber	red =			Encumber	red =								·				·				

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

Includes replacement of single post signs within resurfacing limits.

Includes creation of 4th AVI lane under existing gantries. (4 lanes of equipment)

Date Originated : Last Revision : Fund Source : Length (miles) :	No Activity 6/17/14 3/16/16 RR 6.5 SR 429		To:	US 441 (I	Cast)	1					Project N Route Nu Project C Work De	ategory:	<u>S</u> <u>H</u>	SR 414 Renewal & Mill & Re	esurfacing Replacent surface Construction	j	ts					#	-	
Project Schedule :																								
Activity			2016			20	17			20	18			20	19			20)20			202	21	
Design																								
Bidding																								
Construction																								
					1				1															
Project Cost (in tho Activity	rusands \$) : Totals \$		2016			20	17			20	018			20	119			20)20			202	21	
EAL	2,200												332	332	332	10	299	299	299	299				
Construction	19,904																4,976	4,976	4,976	4,976				-
TOTAL	22,104		FY 16/17	Total =	•	-	FY 17/18	Total =	•	-	FY 18/1	9 Total =		664	FY 19/20	Total =		10,891	FY 20/21	Total =	•	10,549		
			Encumber	red =			Encumber	red =											•					
Cash Flow Inflated	(in thousan	ds \$) :	Base Infla	tion Rate =	2.6%							Const. Inf	lation Rates	=	FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%	
Activity	Totals \$		2016			20	17			20	18			20	19			20)20			202	21	
EAL	2,397		-	-	-	-	-	-	-	-	-	-	357	357	357	11	329	329	329	329	-	-		
Construction	21,979		-	-	-	-	-	-	-	-	-	-	-		-	-	5,495	5,495	5,495	5,495	-	-		
TOTAL	24,376		FY 16/17	Total =		-	FY 17/18	Total =		-	FY 18/1	9 Total =		713	FY 19/20	Total =		12,015	FY 20/21	Total =		11,648		
			Encumbe	red =			Encumber	red =																
Remarks: EAL incl	udes design	, bidding, const	truction engineer	ring & insp	ection and	post-design	services.																	

_	7/3/13 8/16/16 RR Moss Park	To: Innovation Way		Project Name/Number : Route Number : Project Category : Work Description :	SR 417 Resurfacing SR 417 Renewal & Replacement Project Mill & resurface Design & Construction	S	
Project Schedule : Activity		2016	2017	2018	2019	2020	2021
Design		2010	2017	2018	2019	2020	2021
Bidding			+ + + + + + + + + + + + + + + + + + + +				
Construction			 				
			 				
Activity CAL Construction	Totals \$ 370 3,264	2016	2017	2018	2019 82 82 10 65 1,088	2020 65 65 1,088 1,088	2021
TOTAL	3,634	FY 16/17 Total =	- FY 17/18 Total =	- FY 18/19 Total =	164 FY 19/20 Total =	3,470 FY 20/21 Total =	-
		Encumbered =	Encumbered =		<u>.</u>	<u> </u>	
Cash Flow Inflated (.6%	Const. Inflation	n Rates = 2.5%	FY 2018 FY 2019 2.7% 2.8%	FY 2020 FY 2021 2.6% 2.5%
Cash Flow Inflated (Totals \$	Base Inflation Rate = 2.	.6%	Const. Inflation	1 Rates = 2.5%	2.7% 2.8%	
Cash Flow Inflated (Activity	Totals \$ 401	2016			1 Rates = 2.5% 2019 88 88 11 71	2.7% 2.8% 2020 71 71	2.6% 2.5%
Cash Flow Inflated (Activity	Totals \$	2016	2017	2018	1 Rates = 2.5%	2.7% 2.8%	2.6% 2.5%
'ash Flow Inflated (Activity AL	Totals \$ 401	2016	2017	2018	1 Rates = 2.5% 2019 88 88 11 71	2.7% 2.8% 2020 71 71	2.6% 2.5% 2021
ash Flow Inflated (Activity AL Construction	Totals \$ 401 3,581	2016	2017	2018	1 Rates = 2.5% 2019 88 88 11 71 1,194	2.7% 2.8% 2020 71 71 1,194 1,194	2.6% 2.5% 2021
Cash Flow Inflated (Totals \$ 401	2016	2017	2018	1 Rates = 2.5% 2019 88 88 11 71	2.7% 2.8% 2020 71 71	2.6% 2.5% 2021

	No Activity	/		_ Pr	iority:	1		•			Project N Route Nu	ame/Numbe	er:	SR 417 Re	esurfacing							#	-	
	3/16/16										Project C	ategory :				nent Projec	ts							
	RR							•			Work Des	scription:		Mill & Re										
	4.2							•						Design &	Partial Cor	nstruction								
From:	SR 528		То	: Curry For	d Road																			
Project Schedule :																								
Activity			2016			20	017			20	018			20	19			20	20			20	21	
Design																								
Bidding																								
Construction																								
Project Cost (in the Activity	ousands \$) : Totals \$		2016			20	017			20	018			20	119			20	120			20.	21	
EAL	1,069																196	196	196	10	235	235		
Construction	7,845																				3,922	3,922		
	, i																					ŕ		
TOTAL	8,914	!	FY 16/1	7 Total =		-	FY 17/18	Total =		-	FY 18/19	Total =	!	-	FY 19/20	Total =		392	FY 20/21	Total =	•	8,522		
			Encumb				Encumbe	red =																
							•				1													
															FY 2017		FY 2018		FY 2019		FY 2020		FY 2021	
Cash Flow Inflated	l (in thousai	nds \$):	Base Infl	ation Rate =	2.6%							Const. Inf	lation Ra	tes =	2.5%		2.7%		2.8%		2.6%		2.5%	
Activity	Totals \$		2016			20	017			20	018			20	119			20	120			20.	71	
EAL	1,192		2010	Ι -	-		_	_	_		-	I -	_	-	-	l -	216	216	216	11	266	266	21	
Construction	8,883		_	 -	_	_	_	_	_	_	_	<u> </u>	_	-	_	_	-	-	-	-	4,442	4,442		
201.50 40000	0,003			+										+							1,112	1,112		
				+										+										
TOTAL	10,075	I	FY 16/1	7 Total =	ı	_	FY 17/18	Total =	1	_	FY 18/19	7 Total =	l		FY 19/20	Total =	l l	432	FY 20/21	Total =	1	9,643		
101711	10,073		Encumb				Encumbe				1 1 10/1,				1 1 1 // 20			132	1 1 20/21			7,013		
Remarks: EAL incl				ering & insp		post-design	,																	

urrent Status :	2/12/16										T		GD 415									
	3/13/16										Route Nun		SR 417									
	3/16/16										Project Cat				nent Projec	ts						
	RR										Work Desc	cription:	Mill & Re									
	1.6												Design &	Construction	on							
om:	SR 408			To: SR 5)																	
ject Schedule :																						
Activity			2016			20)17			20)18		20	19			20	20			20)21
sign																						
ding																						
struction																						
· · · · · · · · · · · · · · · · · · ·		:	2016			2(117			20	110		2/	110			20	20			20	21
Activity	Totals \$ 500 4,459		2016			20	017			20	018		20	019		111	20	10	89 1,486	89 1,486	20 89 1,486)21
Activity L struction	Totals \$ 500 4,459					20				20						111	111	10	1,486		89 1,486)21
Activity	Totals \$ 500		FY	16/17 Total	=	20	FY 17/18			20	018 FY 18/19	Total =	20	FY 19/20	Total =	111	111		1,486		89	021
Activity L astruction TOTAL	Totals \$ 500 4,459 4,960		FY	16/17 Total numbered =		-				-	FY 18/19	Total =	-			FY 2018 2.7%	111	10	1,486 Total =		89 1,486	FY 2021 2.5%
L nstruction	Totals \$ 500 4,459 4,960		FY	eumbered =		-	FY 17/18			-	FY 18/19		n Rates =	FY 19/20		FY 2018	111	FY 20/21 FY 2019 2.8%	1,486 Total =	1,486 FY 2020	89 1,486 4,737	FY 2021
Activity L Instruction TOTAL The Flow Inflated Activity	Totals \$ 500 4,459 4,960 (in thousa		FY End	eumbered =		-	FY 17/18 Encumbe		-	-	FY 18/19		n Rates =	FY 19/20 FY 2017 2.5%		FY 2018	223	FY 20/21 FY 2019 2.8%	1,486 Total =	1,486 FY 2020	89 1,486 4,737	FY 2021 2.5%
Activity Struction TOTAL h Flow Inflated Activity	Totals \$ 500 4,459 4,960 (in thousa		FY End	umbered =	ate = 2.6%	-	FY 17/18 Encumbe	red =	-	- 20	FY 18/19	Const. Inflatio	n Rates =	FY 19/20 FY 2017 2.5%		FY 2018 2.7%	223	FY 20/21 FY 2019 2.8%	1,486 Total =	1,486 FY 2020 2.6%	89 1,486 4,737	FY 2021 2.5%
Activity L Instruction TOTAL	Totals \$ 500 4,459 4,960 4(in thousa Totals \$ 558		FY End	umbered =	ate = 2.6%	20	FY 17/18 Encumbe	red =		200	FY 18/19	Const. Inflatio	n Rates =	FY 19/20 FY 2017 2.5%	-	FY 2018 2.7%	223 200 123	FY 20/21 FY 2019 2.8% 20 11	1,486 Total =	1,486 FY 2020 2.6%	89 1,486 4,737	FY 2021 2.5%
Activity TOTAL h Flow Inflated Activity	Totals \$ 500 4,459 4,960 4(in thousa Totals \$ 558 5,018		FY End Base 2016	umbered =	ate = 2.6%	20	FY 17/18 Encumbe	red =		200	FY 18/19	Const. Inflatio	n Rates =	FY 19/20 FY 2017 2.5%	-	FY 2018 2.7%	223 200 123	FY 20/21 FY 2019 2.8% 20 11	1,486 Total = 100 1,673	1,486 FY 2020 2.6%	89 1,486 4,737	FY 2021 2.5%

R&R 11 5/12/2016

Last Revision : Fund Source :	No Activit 3/13/16 3/16/16 RR 2.6 Yucatan D		To: SR	Priority :						Route Nun Project Car Work Desc	tegory:	SR 408 Renewal Mill & R	& Replacent esurface Construction	,	ets					#	-	
Activity		,	2016		20	17			20	18		2	019			20	120			20	21	
Design		<i>.</i>	2010		1	1 /			20	10			019	l		20	20		Т	20	21	
Bidding																						
Construction			1										1									
													1									
Activity CAL Construction	Totals \$ 895 8,041		2016		20	17			20	18		2	019		201	201	10	161 2,680	161 2,680	20 161 2,680	21	
													EXT. 10/00	Total =	•	100	EV 20/21	-		0.524	•	
TOTAL	8,936		FY 16/17 Tot		-	FY 17/18			-	FY 18/19	Total =	-	FY 19/20	101111		402	FY 20/21	Total =		8,534		
ash Flow Inflate	d (in thousa	,	Encumbered Base Inflation	=		Encumber					Total = Const. Inflat	ion Rates =	FY 2017 2.5%	70	FY 2018 2.7%		FY 2019 2.8%	Total =	FY 2020 2.6%		FY 2021 2.5%	
ash Flow Inflate	d (in thousa	,	Encumbered	Rate = 2.6%								ion Rates =	FY 2017 2.5%		2.7%	20	FY 2019 2.8%		2.6%	20	2.5%	
ash Flow Inflated Activity AL	d (in thousa Totals \$,	Base Inflation	Rate = 2.6%		Encumber		-	20	18		ion Rates = 2	FY 2017 2.5% 019	-			FY 2019 2.8% 20	181	2.6%	20 181	2.5%	
ash Flow Inflated Activity AL	d (in thousa	,	Encumbered Base Inflation	Rate = 2.6%		Encumber		-				ion Rates =	FY 2017 2.5%	-	2.7%	20	FY 2019 2.8%		2.6%	20	2.5%	
ash Flow Inflate	d (in thousa Totals \$,	Base Inflation	Rate = 2.6%		Encumber		-	20	18		ion Rates = 2	FY 2017 2.5% 019	-	2.7%	20	FY 2019 2.8% 20	181	2.6%	20 181	2.5%	
ash Flow Inflated Activity AL	d (in thousa Totals \$ 996 9,049	,	Base Inflation	Rate = 2.6%		Encumber	red =	-	20	18	Const. Inflat	ion Rates = 2	FY 2017 2.5% 019	-	2.7%	200 222 -	FY 2019 2.8% 20	181 3,016	2.6%	20 181	2.5%	

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R&R 12 5/12/2016

Date Originated : Last Revision : Fund Source : Length (miles) : From:	No Activit 3/13/16 3/13/16 RR 1.5 Alafaya T			To:_	Prid SR 50 (Eas	t)	1					Project Na Route Nu Project Ca Work Des	ategory:		Mill & Re	k Replacen	,	is					# -		
Project Schedule :																									
Activity			20	016			20)17			20)18			20	19			20	020	ı		202	21	
Design																									
Bidding																									
Construction					-							-													
					-							-											+		
Project Cost (in the Activity EAL	Totals \$ 259		20	016			20	017			20	018			20	19		44	20 44	020	53	53	202 53	21	
Construction	2,669																				890	890	890		
TOTAL	2,928			FY 16/17			-	FY 17/18			-	FY 18/19	Total =		-	FY 19/20	Total =		89	FY 20/21	Total =		2,839		
Cash Flow Inflated		nds \$) :		Encumber Base Inflat		2.6%		Encumbe	red =				Const. Infl	ation Rates		FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%	
Activity	Totals \$		20	16			20	17			20)18			20	19				020			202	21	
EAL	289			-	-	-	-	-	-	-	-	-	-	-	•	-	-	49	49	11	60	60	60		
Construction	3,003			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,001	1,001	1,001		
TOTAL	3,292			FY 16/17	Total =			FY 17/18	Total =		_	FY 18/19	Total =		_	FY 19/20	Total =		98	FY 20/21	Total =		3,194		
TOTAL	3,272			Encumber				Encumbe				1 1 10/17	Total			1 1 17/20	Total		,,,	1 1 20/21	10111		3,171		
Remarks: EAL inc					ing & inspe		st-desig																		

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R&R 13 5/12/2016

Current Status :	No Activit	v		Pri	ority :	1					Project No	ame/Numbe	ır.	Miscellane	eous Resur	facing Projec	te					#	_
	5/10/04	. y			ority .			-			Route Nu			Systemwic		racing riojec							
Last Revision :	3/16/16							-			Project Ca					nent Projects							
Fund Source :	RR							-			Work Des			Mill & Re		iciti i rojects							
Length (miles):	-							-			WOIK Des	cription .			Construction	nn .							
From:			To:					_						Design &	Construction	511							
Troin.								-					•										
Project Schedule :																							
Activity			2016			20	017			20	18			20)19			20	20			20	21
Design																							
Bidding																							
Construction																							
Project Cost (in th		:																					
Activity	Totals \$		2016				17			20	18)19			20	20			20	21
EAL	200			15	10	15		15	10	15		15	10	15		15	10	15		15	10	15	
Construction	1,250					250				250				250				250				250	
																ļ							
TOTAL	1,450	ļ	FY 16/17			290	FY 17/18			290	FY 18/19	Total =		290	FY 19/20	Total =		290	FY 20/21	Total =		290	
			Encumbe	red =			Encumbe	ered =															
															FY 2017	I	FY 2018		FY 2019		FY 2020		FY 2021
Cash Flow Inflate	d (in thousa	nds \$):	Base Infla	tion Rate =	2.6%							Const. Infl	ation Rates	s =	2.5%	_	2.7%		2.8%		2.6%		2.5%
						-				• •								- 0					
Activity	Totals \$		2016	1.5	10		17	1.5	10	20	18	1.5	10)19	1.5	10	20	20	1.5	1.0	20	21
EAL	200		-	15	10	15	-	15	10	15	-	15	10	15		15	10	15	-	15	10	15	
Construction	1,250		-	-	-	250	-	-	-	250	-	-	-	250	-	-	-	250	-	-	-	250	
TOTAL	1.450		EX. 16/17	T 1		200	EX 17/10) T + 1		200	EX. 10/10	T 1		200	EX. 10/20	T 1		200	EV 20/01	T . 1		200	
TOTAL	1,450		FY 16/17			290	FY 17/18			290	FY 18/19	Total =		290	FY 19/20	Total =		290	FY 20/21	Total =		290	
			Encumbe	rea =			Encumbe	ered =															
Damada, EAT	الممامين			.i 0. i																			
Remarks: EAL inc			struction engineer					d C 1															
ino infla	mon nas be	n added. Anni	uai escaiation asst	imea to be i	neruaea m	total dolla	is amocate	u per fiscal	yedr.														

R&R 14

5/12/2016 FY 17-21

ate Originated :	On-going 9/4/12 3/16/16			Prior	ity :	1					Project Name Route Numbe Project Categ		Systemwi	eous Draina de & Replacen			ojecis				#	-	_
	RR -										Work Descrip		Drainage	and Stormy	vater	3							
om:	-		To:	-										to be detern									
oject Schedule :																							
Activity			2016			201	.7			20	18		20)19			20.	20			202	21	
sign																							$oldsymbol{oldsymbol{oldsymbol{eta}}}$
lding/Construction	on																						₩
																							╄
																							+
	Totals \$		2016			201				20)19			20				202	21	
,	Totals \$ 300 1,250 1,550		2016 15 FY 16/17 Encumber		15 125	15 125 310	7 15 FY 17/18 Encumber		15 125	15 125	FY 18/19 To	15 otal =	15 15 125 125	15 FY 19/20	Total =	15 125	15 125	15 FY 20/21	Total =	15 125	20: 15 125 310	21	
Struction TOTAL	300 1,250 1,550	nds \$) :	15 FY 16/17	Total = red =		15 125 310	15 FY 17/18	Total =		15 125	15 FY 18/19 To		15 15 125 125 310	15			15 125	15			15 125 310	FY 2021 2.5%	
n Flow Inflated Activity	300 1,250 1,550 (in thousand Totals \$	nds \$) :	FY 16/17 Encumber	Total = red =	125	15 125 310	FY 17/18 Encumber	Total =		15 125	15 FY 18/19 To	otal =	15 15 125 125 310	15 FY 19/20 FY 2017		125 FY 2018	15 125	FY 20/21 FY 2019 2.8%		125 FY 2020	15 125 310	FY 2021 2.5%	
TOTAL Flow Inflated Activity	300 1,250 1,550 (in thousan Totals \$ 300	nds \$) :	FY 16/17 Encumber	Total = red =	2.6%	15 125 310 310	FY 17/18 Encumber	Total =	125	15 125 310 310 20 15	15 FY 18/19 To	otal =	15 15 125 125 310 on Rates =	FY 19/20 FY 2017 2.5%		125 FY 2018 2.7%	15 125 310 20 15	FY 20/21 FY 2019 2.8%		FY 2020 2.6%	15 125 310 310	FY 2021 2.5%	
TOTAL Flow Inflated Activity	300 1,250 1,550 (in thousand Totals \$	nds \$) :	FY 16/17 Encumber Base Inflat 2016	Total = ed =	2.6%	15 125 310	FY 17/18 Encumber	Total = ed =	125	15 125 310 20	15 FY 18/19 To	otal =	15 15 125 125 310 on Rates =	FY 19/20 FY 2017 2.5%	Total =	125 FY 2018 2.7%	15 125 310	FY 20/21 FY 2019 2.8%	Total =	FY 2020 2.6%	15 125 310	FY 2021 2.5%	
TOTAL Flow Inflated Activity	300 1,250 1,550 (in thousan Totals \$ 300	nds \$) :	15 FY 16/17 Encumber Base Inflat 2016 15	Total = ed =	2.6%	15 125 310 310	FY 17/18 Encumber	Total = ed =	125	15 125 310 310 20 15	15 FY 18/19 To	otal =	15 15 125 125 310 on Rates =	FY 19/20 FY 2017 2.5%	Total =	125 FY 2018 2.7%	15 125 310 20 15	FY 20/21 FY 2019 2.8%	Total =	FY 2020 2.6%	15 125 310 310	FY 2021 2.5%	
TOTAL Flow Inflated	300 1,250 1,550 (in thousan Totals \$ 300	nds \$) :	15 FY 16/17 Encumber Base Inflat 2016 15	Total = red =	2.6%	15 125 310 310 201 15 125	FY 17/18 Encumber	Total = red =	125	15 125 310 310 20 15 125	15 FY 18/19 To	otal =	15 15 125 125 310 on Rates = 20 15 15 125 125	FY 19/20 FY 2017 2.5%	Total =	125 FY 2018 2.7%	15 125 310 310 20 15 125	FY 20/21 FY 2019 2.8%	Total =	FY 2020 2.6%	15 125 310 310	FY 2021 2.5%	

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R&R 15 5/12/2016

Current Status : Date Originated : Last Revision : Fund Source : Length (miles) : From:	On-going 3/1/95 3/16/16 RR -			To:		ority:	1		- - - -			Project Na Route Nu Project Ca Work Des	ategory:		Systemwick Renewal & Misc. Stru Design &		nent Project ects	S					#	-
Activity			201	6			20	017			20	18			20	19			20	20			20	21
Design Bidding & Constr																								
Bidding & Constr	uction																							
Project Cost (in th		:	•				•								•	10			•				20	
Activity	Totals \$		201	6	42	21)17	12	21		18	1 42	21		19	12	21	20	20	12	21	20	21
EAL	420				42	21	21		42	21	21		42	21	21		42	21	21		42	21	21	
Construction	1,750		-			175	175			175	175			175	175			175	175			175	175	
			<u> </u>																					
TOTAL	2.170		ļ.,	FW 16/17	T.4.1		12.1	FY 17/18	T.4.1		12.1	FW 10/10	T-4-1		424	FY 19/20	T.4.1		42.4	FY 20/21	T. (.1		12.1	
TOTAI	2,170	Į		FY 16/17 Encumber			434	Encumbe			434	FY 18/19	9 I otal =		434	FY 19/20	I otal =		434	FY 20/21	I otal =		434	
			L	Encumbe	rea –			Encumbe	reu –															
																EV 2017		EV 2010		EV 2010		EV 2020		EV 2021
Cool Ele Laffert	1.6	16\		T (I	D	2.60/							C I. C	L. d'		FY 2017		FY 2018		FY 2019		FY 2020		FY 2021
Cash Flow Inflate	a (in thousa	inas \$):	E	sase iniia	tion Rate =	2.6%							Const. Inf	iation Kates	3 =	2.5%		2.7%		2.8%		2.6%		2.5%
Activity	Totals \$		201	6			20	17			20	18			20	19			20	20			20	21
EAL	420			-	42	21	21	-	42	21	21	-	42	21	21	-	42	21	21	-	42	21	21	
Construction	1,750			-	-	175	175	-	-	175	175	-	-	175	175	-	-	175	175	-	-	175	175	
						İ																		

434 FY 18/19 Total =

117

434 FY 19/20 Total =

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.

FY 16/17 Total =

Encumbered =

434 FY 17/18 Total =

Encumbered =

Work includes the repair of cracks, joints & spalls.

TOTAL 2,170

434 FY 20/21 Total =

Current Status:	Design	Priority:	1	Project Name/Number:	Systemwide Coatings	# -
Date Originated:	4/1/01			Route Number:	Systemwide	
Last Revision:	5/3/16			Project Category:	Renewal & Replacement Projects	
Fund Source:	RR			Work Description:	Painting & Inspections	
Length (miles):	-				Design & Construction	
From:	- To: -				(Projects to be determined)	

Project Schedule:

Activity	2016				20	17		20	18		20	19		20)20		20)21	
Design	2010																		
Bidding & Construction																			

Project Cost (in thousands \$):

Activity	Totals \$		20)16			20	17			20	018			20	19			20	20			20	21	
EAL	1,570			210	80	80	80	150	65	65		150	65	65		150	65	65		150	65	65			
Construction	9,520				1,000	1,000	1,000		815	815			815	815			815	815			815	815			
																									ĺ
TOTAL	11,090		•	FY 16/17	Total =		3,450	FY 17/18	Total =		1,910	FY 18/19	Total =		1,910	FY 19/20	Total =	•	1,910	FY 20/21	Total =		1,910		
		•		Encumbe	red =			Encumber	ed =																

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

 Cash Flow Inflated (in thousands \$):
 Base Inflation Rate = 2.6%
 Const. Inflation Rates = 2.5%
 2.7%
 2.8%
 2.6%
 2.5%

Activity	Totals \$	20)16			20	17			20	18			20	19			20	20			20.	21
EAL	1,570		210	80	80	80	150	65	65	-	150	65	65	-	150	65	65	-	150	65	65	-	
Construction	9,520		-	1,000	1,000	1,000	-	815	815	-	-	815	815	-	-	815	815	-	-	815	815	-	
TOTAL	11,090		FY 16/17	Total =		3,450	FY 17/18	Total =		1,910	FY 18/19	Total =		1,910	FY 19/20	Total =		1,910	FY 20/21	Total =		1,910	
			Encumber	ed =			Encumber	ed =															

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

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

Includes Project 599-734 on SR 408.

Last Revision : Fund Source : Length (miles) : From:	No Activit 4/1/97 3/16/16 RR	ty	Ti	Pr	iority :	1					Project Na Route Nur Project Ca Work Des	nber : itegory :		Systemwick Renewal & Fencing R Construction	& Replacent Replacement	nent Projects t					#	-
Project Schedule	:																					
Activity			2016			20	17			20	18			20)19		2	020			20	21
Construction																						
																		-				
																						+
Project Cost (in th		:	-016																			
Activity	Totals \$	1	2016	20		20	17	20		20)18	20		20)19	20	2	020	1 20		20	21
EAL Construction	100			20				20				20				20			20 230			
Construction	1,150			230				230				230				230		1	230			
TOTAL	1,250		FY 16/1	7 Total =		250	FY 17/18	Total =		250	FY 18/19	Total =		250	FY 19/20) Total =	250	FY 20/21	l Total =	<u> </u>	250	<u> </u>
101711	1,230	l	Encumb			250	Encumbe			250	1 1 10/17	Total		230	1 1 17/20	7 10141	250	11 20/2	1000		230	
Cash Flow Inflate	`	inds \$) :		lation Rate =	2.6%							Const. Inf	ation Rates		FY 2017 2.5%	FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%
Activity	Totals \$		2016	1		20	17			20)18			20)19		2	020			20	21
EAL	100		-	20	-	-	-	20	-	-	-	20	-	-	-	20 -	-	-	20	-	-	
Construction	1,150		-	230	-	-	-	230	-	-	-	230	-	-	-	230 -	-	-	230	-	-	
																		-				
TOTAL	1,250		EV 16/1	7 Total =		250	FY 17/18	Total -		250	FY 18/19	Total =		250	FY 19/20	Total =	250	FY 20/21	I Total =	l .	250	
TOTAL	1,230	<u>l</u>	Encumb			230	Encumbe			230	1 1 10/17	10tai –		230	1 1 17/20	7 Total –	230	1 1 20/21	i iotai –		230	
			construction engine	ering & insp			services.		vear		J											

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R&R 18 5/12/2016 Includes clearing of fence lines.

Date Originated : Last Revision :	No Activ 4/1/97 3/13/16 RR -	ity		То:	-	iority :	1		· · ·			Route Nu Project C		r:	Systemw Renewal Concrete Design &	ide Bridge Joide & Replacem Pavement P Construction to be determ	nent Project Projects		Projects				#	-	
Project Schedule :																									
Activity			20	16			20)17			20)18			2	019			20)20			20	21	
Design																									
Construction																									
Project Cost (in th																									
Activity	Totals \$		20	16			20)17			20)18			2	019			20)20			20	21	
EAL	75				7	8			7	8			7	8			7	8			7	8			
Construction	425					85				85				85				85				85			
TOTAL	500			FY 16/17			100	FY 17/18			100	FY 18/1	9 Total =		100	FY 19/20	Total =		100	FY 20/21	Total =		100		
				Encumbe	red =			Encumbe	red =																
Cash Flow Inflated	d (in thous	ands \$) :		Base Infla	tion Rate =	2.6%							Const. Infl	ation Rates	s =	FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%	
Activity	Totals \$		20	16			20)17			20)18			2	019			20)20			20	21	
EAL	75			-	7	8	-	-	7	8	-	-	7	8		-	7	8	-	-	7	8	-		
Construction	425			-	-	85	-	-	-	85	-	-	-	85	-	-	-	85	-	-	-	85	-		
TOTAL	500			FY 16/17			100	FY 17/18			100	FY 18/1	9 Total =		100	FY 19/20	Total =		100	FY 20/21	Total =		100		
				Encumbe	red =			Encumbe	red =]											•		
Remarks: EAL inc	ludes desi	en, bidding,	constructio	on engineer	ing & inspe	ection and r	ost-design	services.																	

R&R 19

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

5/12/2016 FY 17-21

Last Revision : Fund Source : Length (miles) : From:	No Activit 4/1/99 5/2/16 RR	y		To: <u>-</u>	Prio	ority:	1					Project Na Route Nu Project Ca Work Des	ategory:		Renewal a RPM Rep Design &	de	on		& Thermo \$	Striping			# :	-
Project Schedule																								
Activity			2016				20	17			20	018			20	019			202	20			202	21
Design Bidding																								
Bidding																								
Construction																								
Project Cost (in th	ousands \$)	:																						
Activity	Totals \$		2016				20	17			20	18			20	019			202	20			202	21
EAL	205				15	10	10		20	10	15		25	10	15		15	10	10		20	10	10	
Construction	580						95				130				145				100				110	
TOTAI	785			16/17 To			130	FY 17/18			175	FY 18/19	7 Total =		195	FY 19/20	Total =		135	FY 20/21	Total =		150	
			Enc	umbered	=			Encumbe	red =															
0.151. 7.01.	1.0	1.00		* a .:	.	2 (0/							a . * .			FY 2017		FY 2018		FY 2019		FY 2020		FY 2021
Cash Flow Inflate	d (in thousa	nds \$) :	Base	Inflation	1 Rate =	2.6%							Const. Inf	lation Rates	s =	2.5%		2.7%		2.8%		2.6%		2.5%
Activity	Totals \$		2016				20	17			20	18			20	019			202	20			202	21
EAL	205			-	15	10	10	-	20	10	15	-	25	10	15	-	15	10	10	-	20	10	10	
Construction	580			-	-	-	95	-	-	-	130	-	-	-	145	-	-	-	100	-	-	-	110	
TOTAL	785			16/17 To			130	FY 17/18			175	FY 18/19	7 Total =		195	FY 19/20	Total =		135	FY 20/21	Total =		150	
			Enc	umbered	=			Encumbe	red =]												

121

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.

Length (miles): - From: -	R		-							Route Nun Project Cat Work Desc	egory:	-	Signing U	nd Pavemen									
Project Schedule :																							
Activity			2016			20	17			20	18			20	19			20	20			202	1
Design Bidding																							
Construction																							
Project Cost (in thous Activity T	sands \$) :		2016			20	17			20	18			20	119			20	20			202	1
EAL	710		2010	70	10	40	40	70	10	40	40	70	10	40	40	100	10	60	60			202	
Construction	4,500			, ,		500	500			500	500	, ,		500	500			750	750				
TOTAL	5,210	•	FY 16/17			620	FY 17/18			1,160	FY 18/19	Total =		1,160	FY 19/20	Total =	•	1,460	FY 20/21	Total =		810	•
			Encumbe	red =			Encumber	red =															
Cash Flow Inflated (in	in thousar	nds \$) :	Base Infla	tion Rate =	2.6%							Const. Infl	ation Rates	=	FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%
Activity T	Totals \$		2016			20	17			20	18			20	19			20	20			202	1
EAL	710		-	70	10	40	40	70	10	40	40	70	10	40	40	100	10	60	60	-	-	-	
Construction				-	-	500	500	-	-	500	500	-	-	500	500	-	-	750	750	-	-	-	
TOTAL	5,210		FY 16/17			620	FY 17/18			1,160	FY 18/19	Total =		1,160	FY 19/20	Total =		1,460	FY 20/21	Total =		810	
			Encumbe	red =			Encumber	rea =															

122

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.

R&R 21 5/12/2016

Date Originated : Last Revision :	No Activi 3/18/08 5/3/16 RR	ty	To:	_	ority: _	1					Project Nai Route Num Project Cat Work Desc	nber : egory :	-	Systemwich Signing an Signing Im	le							#	-
Project Schedule :																							
Activity			2016			201	17			20	18			20	19			20	20			20	21
Design Bid																							
Bid																							
Construction																							
Project Cost (in th	ousands \$)	:																					
Activity	Totals \$		2016			201				20	18			20				20				20	21
EAL	980			70	70	10	50	50	50	65	65	10	50	50	50	90	90	10	67	67	67		
Construction	5,030						510	510	510				500	500	500				665	665	670		
TOT 1.	6.010	ļ	TO 7 1 6 (15			1.50	EX. 15/10	T . 1		1.745	FX 10/10	T . 1		1 155	EX. 10/20	m . 1		7.10	EXT 20/21	m . 1		2 200	
TOTAL	6,010		FY 16/17 Encumber				FY 17/18 Encumber			1,745	FY 18/19	Total =		1,175	FY 19/20	Total =		740	FY 20/21	Total =		2,200	
Cash Flow Inflate	`	ands \$) :	Base Infla	ation Rate =	2.6%	ı		red –				Const. Infl	ation Rates		FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%
Activity	Totals \$		2016			201				20		1.0		20		0.0		20			T	20	21
EAL	980		-	70	70	10	50	50	50	65	65	10	50	50	50	90	90	10	67	67	67	-	
Construction	5,030		-	-	-	-	510	510	510	-	-	-	500	500	500	-	-	-	665	665	670	-	
TOTAL	6,010	l l	FY 16/17	7 Total =		150	FY 17/18	Total =		1 7/15	FY 18/19	Total =		1 175	FY 19/20	Total =		740	FY 20/21	Total =		2,200	
TOTAL	0,010	1	Encumber				Encumber			1,743	1 1 10/19	10tai –		1,173	1 1 19/20	Total –		740	11 20/21	Total –		2,200	
Includes	fluorescer	t sign replac	construction enginee ement on SR 414 in cts include LED ligh	ring & insper		ost design	services. 1	No inflatior			nual escalat	ion assum	ed to be inc	luded in to	tal dollars a	allocated pe	r fiscal ye	ar.					

Current Status : Date Originated : Last Revision : Fund Source : Length (miles) : From:	Construction 6/27/13 4/25/16 RR	To:		iority :	1		- - - -			Project N Route Nu Project C Work Des	ategory:	er:	Systemwi ITS Upgrade I								# 599-5	325
		2016			2/	17			2	210			20	210			21	020			2021	
Activity Construction		2016			20	17	l		2	018			20)19	l		20	020	ı		2021	
Construction																			-			
í																						+
<u> </u>																			 	+ -		
<u> </u>																			1			
Project Cost (in the Activity EAL Construction	Totals \$ 660 5,500	2016 165 1,375	165 1,375	165 1,375	165 1,375)17			2	018			20)19			20	020			2021	
1	, i			,																		
TOTA	L 6,160	FY 16/17	Total =		6,160	FY 17/18	Total =		_	FY 18/19	Total =			FY 19/20	Total =		-	FY 20/2	1 Total =		-	
	,	Encumber				Encumbe												1				
Cash Flow Inflated	l (in thousands \$):	Base Inflat	tion Rate =	2.6%						_	Const. Inf	ation Rate	_S =	FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%	FY 2 2.5	
Activity	Totals \$	2016				17			2	018			20)19			20	020			2021	
EAL	660	165	165	165	165	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Construction	5,500	1,375	1,375	1,375	1,375	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
																			1			
TOTA	L 6,160	FY 16/17	Total =	1	6.160	FY 17/18	Total =			FY 18/19) Total =		_	FY 19/20	Total =		_	FY 20/2	1 Total =		-	
10171	2,100	Encumber				Encumbe				1 1 10/1	. 10141			1117/20	10.01			1 1 20/2				
Remarks: EAL incl	ludes construction engi	neering & inspection an	d post-desi	ign services	i.					_												

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R&R 23 5/12/2016 Upgrade single-line express lane DMS signs to improve reliability and reduce maintenance cost.

Current Status: Date Originated: Last Revision: Fund Source: Length (miles): From: Project Schedule:	On-going 4/15/10 3/16/16 RR -			_ To:	•	iority :	1					Project N Route Nu Project Ca Work Des	ategory:	er:	Traffic Ma Systemwie ITS Migration Implemen	to IP Traff	*	grade ment Came	ras				#	-	
Activity			20	016			20)17			20	018			20	119			20)20			20:	21	
Implementation			20	110			20)1 /			1	716			1	19			20	120			20.	21	
implementation																									
													İ												
																							j		
Project Cost (in th	ousands \$) :																								
Activity	Totals \$		20	016			20	17			20)18			20	19			20	20			20:	21	
Implementation	60)		150				150				150				150							ļ		
TOTA	L 600	1		FY 16/17	Total =		150	FY 17/18	Total =		150	FY 18/19	Total =		150	FY 19/20	Total -		150	FY 20/2	Total -	<u> </u>			
IOIA	.L 00)		Encumbe			130	Encumbe			130	F I 10/13	9 10tai –		130	F1 19/20	Total –		130	F1 20/2	1 10tai –				
Cash Flow Inflated				Base Infla		2.6%			icu			J	Const. Int	lation Rate		FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%	
Activity	Totals \$		20	016			20	17			20)18			20	19	1		20	20	1		20:	21	
Implementation	623	3		151	-	-	-	155	-	-	-	159	-	-	-	163	-	-	-	-	-	-	-		
TOTA	L 62	2		FY 16/17		151	FY 17/18	Total =		155	FY 18/19	7 Total =		159	FY 19/20	Total =		163	FY 20/2	Total =		_			
1017	.E 02	2		Encumbe			131	Encumbe			133	1 1 10/1/	7 10111		137	11 17/20	Total		103	1 1 20/2	10111				
Remarks: Migratio				ment CCTV	cameras t			vill result in	more cost																
		chase of app 24-port laye							cameras a	s mey appr	oach end o	і пте.													
niciudes	purchase of	27-port raye	1 2 SWITCHE	s for their c	aomeis. III	ciuucs i 10j	ccι <i>377</i> -32	υ.																	

R&R 24 5/12/2016

Date Originated: Last Revision: Fund Source:	On-going 3/1/95 3/16/16 SP			То:		ority :	2					Project Na Route Nun Project Ca Work Desc	nber : tegory :		Systemwi Landscape Landscape Design &	e Projects	on	scape Proje	ects				#	-	
Project Schedule :	:			•												,	<i>.</i>								
Activity			20	16			20)17			20)18			20)19			20)20			20	21	
Design																									
Construction																									
Maintenance																									
Project Cost (in the	nousands \$)		20	016			20	017			20	018			20	019			20	020			20	21	
EAL	850			70	50	50		70	50	50		70	50	50		70	50	50		70	50	50			
Construction	6,500			, ,	650	650			650	650			650	650		1	650	650		, ,	650	650			
Maintenance	150 7				8	7	8	7	8	7	8	7	8	7	8	7	8	7	8	7	8	7	8		
TOTAL									Total =	•	1,500	FY 18/19	Total =	•	1,500	FY 19/20	Total =	•	1,500	FY 20/21	Total =	*	1,500		
				Liteuilloc	icu			Liteuilloci	cu			J													

				FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Cash Flow Inflated (in thousands \$):	Base Inflation Rate =	2.6%	Const. Inflation Rates =	2.5%	2.7%	2.8%	2.6%	2.5%

Activity	Totals \$	201	6			20	17			20	18			20	019			20	20			2021		
EAL	850		70	50	50	-	70	50	50	-	70	50	50	-	70	50	50	-	70	50	50	-		
Construction	6,500	- 65 7		650	650	-	-	650	650	-	-	650	650	1	-	650	650	-	-	650	650	-		
Maintenance	150	7 8		8	7	8	7	8	7	8	7	8	7	8	7	8	7	8	7	8	7	8		
		7 8																						
TOTAL	7,500		FY 16/17 Total =			1,500	FY 17/18	Total =	•	1,500	FY 18/19	Total =	•	1,500	FY 19/20 Tot	al =	•	1,500	FY 20/21	Total =	•	1,500	<u> </u>	
<u> </u>		Encumbered =					Encumber	red =	•			•					•	•			•			

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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.

Last Revision : Fund Source :	No Activit 5/10/04 3/13/16 NSP 0.9 Lee Vista	ty	To:	P ₁	riority :	1					Project Na Route Nu Project Ca Work Des	ategory:		SR 551								#	800-903E	
Project Schedule :																								
Activity			2016			20	017			20)18			20	019			20	020			20)21	
Bidding				T T								1				T .				T .				
Construction																								
Project Cost (in the Activity EAL Construction	Totals \$ 102 922		2016			20	017	46 461	46 461	20	018			21	019			20	020			20)21	
															-									
TOTAL	1,024		FY 16/17	Total =	 		FY 17/18	Total =		1.024	FY 18/19	Total =			FY 19/20	Total =			FY 20/21	Total =		_		
TOTAL	1,024	1	Encumbe				Encumber			1,024	1 1 10/12	7 I Otal —			1 1 1 1 1 / 20	10tai –			1 1 20/21	i i otai –			1	
Cash Flow Inflate		ands \$) :	Base Infla	ation Rate =	= 2.6%							Const. Inf	lation Rates		FY 2017 2.5%		FY 2018 2.7%		FY 2019 2.8%		FY 2020 2.6%		FY 2021 2.5%	
Activity	Totals \$		2016			20	017			20)18			2	019	_		20	020	_		20)21	
EAL	106		-	-	-	-	10	48	48	-	-	-	-	-	-	-	-	-	-	-	-	-		
Construction	958		-	-	-	-	-	479	479	-	-	-	-	-	-	-	-	-	-	-	-	-		
					ļ																			
TOTAL	1,064	1	FY 16/17	FY 17/18			1,064	FY 18/19	7 Total =		-	FY 19/20) Total =		-	FY 20/21	Total =		-]				
			Encumbe		-	Encumber	red =																	

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

Estimated construction cost for \$922 thousand (2016\$) from Lee Vista to Narcoossee Road.

Design completed with 800-903D. Construction of Section 800-903D, from Cargo Road to Lee Vista, which included Friction Course Repair on SR 528 at the SR 528/Goldenrod Road Interchange is complete.