CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Five-Year Work Plan FY 2016 - FY 2020

July 9, 2015











Five-Year Work Plan FY 2016 - FY 2020

July 9, 2015

Prepared for:

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

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Executive Summary

The Central Florida Expressway Authority's (Expressway Authority) FY 2016-2020 Five-Year Work Plan was approved at the July 9, 2015 Board Meeting and totals just over \$1.2 billion.

The Expressway Authority is authorized to plan, build, operate and maintain an expressway system in Central Florida, incorporating Lake, Orange, Osceola and Seminole counties. The Five-Year Work Plan (Work Plan) is used by the Expressway Authority to effectively manage its program of system improvements, enhancements and rehabilitation. The purpose of the Work Plan is to identify those projects which the Expressway Authority anticipates funding during the next five years. The Work Plan includes input from the Expressway Authority's engineering, operations, and maintenance staff.

During the development process, a Draft Work Plan was prepared, reviewed and discussed among the Expressway Authority's staff. The 2030 Master Plan was used as the base. Renewal & Replacement needs, as well as Intelligent Transportation Systems needs were evaluated and included into the Draft Work Plan. A Financial analysis was then performed to determine the feasibility of the Draft Work Plan. The Draft Work Plan was adjusted to include input received and the decisions made by Expressway Authority staff, and presented to the Expressway Authority Board during a workshop on June 11, 2015.

The five different reports (Category Summary, Category Reports, Fund Summary, 2030 Expressway 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 2016-2020 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 Econlockhatchee Trail to the County Line
- 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
- 2040 Expressway Authority Master Plan

System Expansion Projects

- Wekiva Parkway
- SR 408 Eastern Extension PD&E

Interchange Projects

- SR 408 / SR 417 Interchange (Phase I)
- SR 417 / Boggy Creek Road Interchange
- SR 528 / Innovation Way Interchange
- SR 408 / I-4 Interchange

Toll Facilities Projects

- SR 528 Airport Toll Plaza Demolition
- Toll Collection System Upgrade

Intelligent Transportation System Projects

- ITS Network Upgrade Phase II
- Wrong Way Driving Countermeasures

Various Signing and Pavement Markings Projects

Renewal and Replacement Projects, including the following resurfacings:

- SR 408 Resurfacing from West SR 50 to I-4
- SR 408 Resurfacing from East of I-4 to Yucatan Drive
- SR 414 Resurfacing from SR 429 to US 441
- SR 417 Resurfacing from International Drive to Innovation Way
- SR 417 Resurfacing from SR 50 to County Line
- SR 429 Resurfacing from Seidel Road to CR 535
- SR 528 Resurfacing from SR 436 to SR 520

Various Landscape Projects

Non-System Project

• Goldenrod Road Resurfacing from Lee Vista to Narcoossee Road

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Introduction











CENTRAL FLORIDA EXPRESSWAY AUTHORITY

1.1 Central Florida Expressway Authority System

On June 20, 2014, Governor Rick Scott signed Senate Bill 230 creating the Central Florida Expressway Authority (Expressway Authority). As an agency of the State, the Expressway Authority is authorized to plan, build, operate and maintain an expressway system in Central Florida, incorporating Lake, Orange, Osceola and Seminole counties. As shown in Figure 1 on page 2, the Expressway Authority's system is a major transportation network consisting of 109 centerline miles of limited access expressway (745 lane miles), 63 interchanges, 14 mainline toll plazas, 66 ramp toll plazas and 285 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. The Expressway Authority 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 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.



The Expressway Authority 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 24 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. The Expressway Authority'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.



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, the Authority's portion includes 23 miles from Boggy Creek Road / McCoy Road in the west to SR 520 in the east and includes three main and four ramp toll facilities. The portions of SR 528 east and west of the Expressway Authority's jurisdiction are owned and operated by the FDOT.

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











1.2 Five-Year Work Plan

The Five-Year Work Plan (Work Plan) is an important tool used by the Expressway Authority to effectively manage its program of system improvements, enhancements and rehabilitation. The purpose of the Work Plan is to identify those projects which the Expressway Authority 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 the Expressway Authority.

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

The Work Plan was developed from the Expressway Authority's 2030 Expressway 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 the Expressway Authority's engineering, operations and maintenance 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.

The Expressway Authority's FY 2016-2020 Five-Year Work Plan was approved at the July 9, 2015 Board Meeting and totals \$1.23 billion. The previous Work Plan (FY 15-19) was adopted on September 11, 2014 and totaled \$1.16 billion.

1.3 Development Process

During the development process, a Draft Work Plan is prepared, reviewed and discussed among the Expressway Authority's engineering, operations and maintenance staff. The 2030 Master Plan is used as the base for the Draft Work Plan. Renewal & Replacement needs, as well as Intelligent Transportation Systems needs are evaluated and included into the Draft Work Plan. Figure 2 on page 3 shows the Work Plan process.

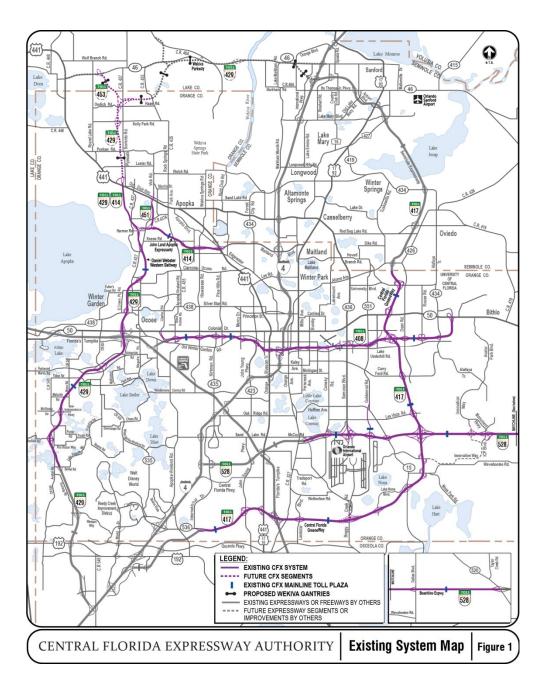
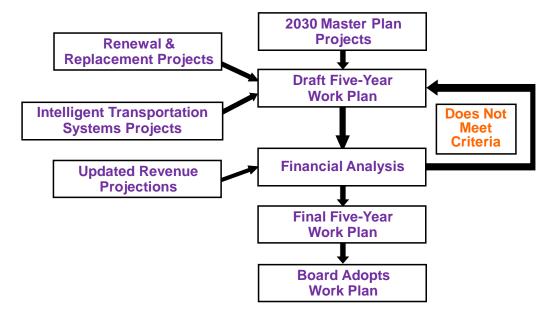


Figure 2: Work Plan Process



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 Expressway Authority Board, renewal and replacement projects necessary to maintain 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 the Expressway Authority's role is not expected to be defined in the near term.

A financial analysis, which includes input from the Expressway Authority 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 Expressway Authority staff. The Draft Work Plan is reviewed by staff and presented to the Expressway Authority Board for their comments and approval. Once approved, the Draft Work Plan becomes the Expressway Authority's Five-Year Work Plan.

1.4 METROPLAN ORLANDO Coordination

Once approved by the Expressway Authority 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 were prepared: Category Summary, Category Reports, Fund Summary, 2030 Expressway 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 (The Expressway Authority'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
- Toll Facilities Projects
- Intelligent Transportation Systems Projects
- Signing and Pavement Markings
- Renewal and Replacement Projects
- Landscape Projects
- Non-System Projects

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

The information found in the Category Summary report is a total of the projected cash expenditures, expressed in thousands, for each individual category for each of the five fiscal years encompassed by the Work Plan. The encumbered and unencumbered project costs are shown in the first two years for each category. These figures are then totaled for each category and each fiscal year.

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

1.5.3 Category Reports

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

The Category Reports contain a listing of the individual projects grouped into each Introduction 7/9/2015

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 the Expressway Authority identification number given to each project. Only projects at a more advanced stage of development have been assigned an Expressway Authority 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 the Expressway Authority's Fiscal Year: July 1 to June 30. The encumbered and unencumbered costs are shown. The encumbered costs are the projected costs to complete for projects currently authorized.

Fund Source - The fund used by the Expressway Authority. 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
- Construction
- Contribution

- Corridor Consultant
- Design
- Design-Build
- Design Development
- Implementation
- Installation
- Landscape
- Line & Grade
- Maintenance
- Master Plan Study
- Partnership Contribution
- PD&E
- Post Installation Maintenance
- Right of way (ROW)
- 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 the Expressway Authority's financial models as a tool to aid in the projection of fund balances. Through the use of this tool, the Expressway Authority 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, 1B and 2B, and the partial construction of Section 2A.
- 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 2030 Expressway Master Plan Summary

The 2030 Expressway 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 2030 Expressway Master Plan as approved by the Expressway Authority in 2006.

The 2030 Master Plan recommended pursuing 33 projects in the 25-year time frame covered in the report. Of those 33 projects, nine (9) have been completed, and all or portions of nine (9) are in this Work Plan. The format of the 2030 Expressway Master Plan Summary report is as follows:

Project Category - The categories of projects contained in the 2030 Expressway Master Plan are as follows:

- Existing System Improvements
- System Expansion Projects (New Interchanges)
- System Expansion Projects (New Expressways)
- Interchange Projects
- Renewal and Replacement Projects

Recommended 2030 Projects - Names of recommended projects in the 2030 Expressway Master Plan.

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

- Construction
- Contribution
- Corridor Consultant
- Design
- Line & Grade
- PD&E
- ROW (Right of Way)

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.

2030 Master Plan Project Costs - These numbers represent the estimated costs, in thousands of dollars, of the individual project at the time of the development of the 2030 Expressway Master Plan. These estimates utilize 2005 dollars as a base and do not include escalation for inflation.

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 Development
- Implementation
- Installation
- Landscape Design
- Maintenance
- No Activity
- On-going
- PD&E
- Preliminary Design
- Right of Way Acquisition
- 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 the Expressway Authority. 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 the Expressway Authority'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, line & grade, design, right of way, permitting, mitigation, 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) 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 the Expressway Authority fiscal years for the five years of the Work Plan.

Cash Flow Inflated (in thousands \$):

Inflation Rate - Assumed inflation rate of 2.5% for escalation of project costs such as EAL. Inflation rate of 2.7% was assumed for construction for FY 2016, and 2.5% for FY 2017 through FY 2020. This follows FDOT's published inflation factors.

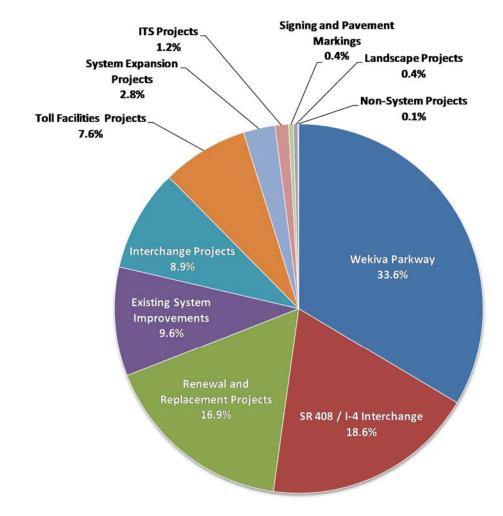
Includes same items as the "Project Cost" section, but reflect inflation.

Remarks - Any special information associated with the project.

1.6 FY 16-20 Work Plan Totals

As summarized in Section 2, the Work Plan totals just over \$1.2 billion. Figure 3 reflects the Work Plan funding distribution by category.

Figure 3: Work Plan Funding Distribution



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1.7 Major Projects in FY 16-20 Work Plan

The Project Information reports in Section 5 include details for each of the projects included in the FY 16-20 Work Plan. The following is a summary of the projects, by category. Figure 5 on page 10 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. The SR 408 Widening from Good Homes Road to East of Hiawassee Road and the SR 408 Widening from SR 417 to Alafaya Trail are currently under design. Future widenings included in the Work Plan are:

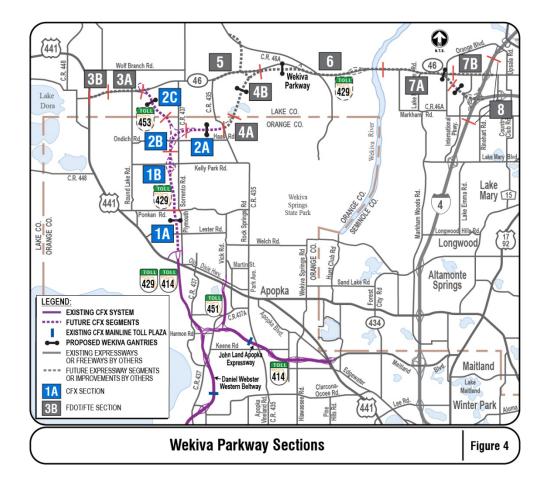
- SR 417 from Econlockhatchee Trail to the Orange / Seminole County Line
- SR 528 from Narcoossee Road to SR 417

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 16 and 17. Bridge replacements and repairs along SR 528 are also included starting in FY 16, along with some systemwide miscellaneous safety and operational improvements, guardrail upgrades, drainage improvement and roadway lighting improvements scheduled throughout the five years.

The 2040 Expressway Authority Master Plan Study is also included in the Work Plan. It is currently underway with anticipated adoption in the spring of 2016.

1.7.2 System Expansion Projects

System expansion projects include new alignments. The prominent project for the FY 16-20 Work Plan is the Wekiva Parkway. The Work Plan includes funding for design, construction and right of way acquisition for all sections of the Wekiva Parkway. Section 1A is currently under construction, and Section 1B is anticipated to begin construction in August 2015. Figure 4 on page 8 shows a map of the Wekiva Parkway sections. The SR 528 Right of Way acquisition is also included in this category. The Work Plan includes the PD&E for the SR 408 Eastern Extension from Challenger Parkway to SR 520 which is currently underway as well as the 15% Line and Grade. Funding for landscape projects that are associated to SR 414, SR 429/414 and SR 451 constructions is also included.



1.7.3 Interchange Projects

This category includes both interchange improvements as well as new interchanges. The interchanges included in the Work Plan are as follows:

- SR 408/SR 417 Interchange (Phase I)
- SR 417/Boggy Creek Interchange
- SR 528/Innovation Way Interchange
- SR 408/I-4 Interchange

The SR 408 / SR 417 Interchange (Phase I) is anticipated to begin construction in FY 16. The SR 417 / Boggy Creek Interchange is currently under construction. The SR 528 / Innovation Way Interchange is currently under design and scheduled for construction in FY's 16 and 17. The SR 408 / I-4 Interchange is part of the I-4 Ultimate Project currently under construction by FDOT, and the Expressway Authority contributions are scheduled for the later years of the Work Plan.

1.7.4 Toll Facilities Projects

Toll facilities projects include mainline plaza modifications, new ramp plazas, and electronic toll operating system. Construction of the SR 528 Airport Mainline toll plaza demolition and addition of ramp toll plazas is currently underway. The Toll Collection System Upgrade project is currently in the design development phase with funding allocated throughout the five years.

1.7.5 Intelligent Transportation Systems Projects

The ITS category includes projects related to field devices, system automation software and traffic monitoring systems. Funding for the design and construction of the Wrong-Way Driving Countermeasures, ITS Network Upgrade Phase II, Supplemental DCS and 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 Systemwide Ramp Striping and Option Lane Arrows project currently under construction. It also includes the design and construction of Systemwide Miscellaneous Signing and Marking projects, E-PASS logo replacement, and Central Florida Expressway Authority logo replacements.

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 Expressway Authority'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 Yucatan Drive
- SR 414 from SR 429 to US 441
- SR 417 from International Drive to Innovation Way
- SR 417 from SR 50 to Orange / Seminole County Line
- SR 429 from Seidel Road to CR 535
- SR 528 from SR 436 to SR 520

This category also includes drainage improvements, miscellaneous toll plaza, coatings, bridge and fence projects, as well as RPM replacement. Signing upgrades and improvements, and single line DMS, traffic management CCTV and tone wire upgrades are also funded.

1.7.8 Landscape Projects

This category includes funds for systemwide discretionary landscape projects.

1.7.9 Non-System Projects

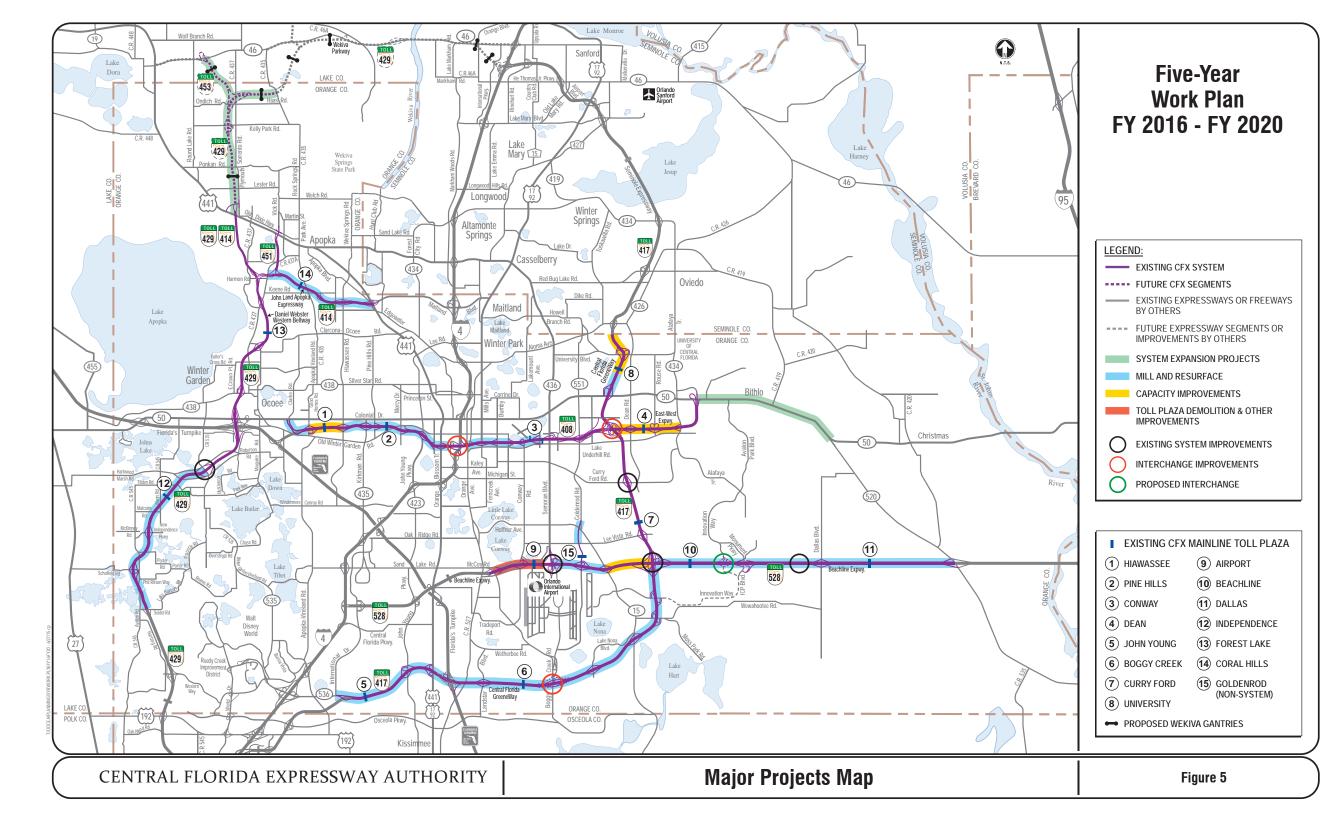
This category is for the Goldenrod Road extension. This non-system road is operated and maintained by the Expressway Authority. The design of the milling and resurfacing of Goldenrod Road from Lee Vista to Narcoossee Road has been completed, and the Work Plan includes funds for construction.



SR 417 / Boggy Creek Interchange



SR 528 Airport Mainline Toll Plaza Demolition



Category Summary











Category Summary

| | | | | Project | t Cost (thousand | d \$) | | |
|---|---------|---------|--------|----------|------------------|---------|---------|---------|
| Category | | | | Fiscal Y | ear | | | |
| | 15/ | - | 16/ | | 17/18 | 18/19 | 19/20 | Total |
| | Е | U | Е | U | U | U | U | |
| Existing System Improvements | 6,718 | 22,059 | 10 | 63,047 | 18,867 | 3,217 | 6,897 | 120,8 |
| System Expansion Projects | 75,030 | 115,775 | 51,010 | 155,014 | 60,380 | 1,479 | 0 | 458,6 |
| Interchange Projects | 11,762 | 28,046 | 1,060 | 62,733 | 87,509 | 76,060 | 81,060 | 348,2 |
| Toll Facilities Projects | 41,430 | 0 | 12,687 | 0 | 23,905 | 16,117 | 1,639 | 95,7 |
| Intelligent Transportation Systems Projects | 180 | 4,747 | 0 | 3,078 | 3,646 | 2,657 | 555 | 14,8 |
| Signing and Pavement Markings | 125 | 150 | 0 | 4,462 | 150 | 150 | 150 | 5,1 |
| Renewal and Replacement Projects | 10,451 | 45,990 | 0 | 50,005 | 27,568 | 32,104 | 46,687 | 212, |
| Landscape Projects | 0 | 1,000 | 0 | 1,000 | 1,000 | 1,000 | 1,000 | 5,0 |
| SUB TOTALS | 145,697 | 217,766 | 64,767 | 339,339 | 223,025 | 132,784 | 137,988 | |
| TOTALS | | 363,463 | | 404,106 | 223,025 | 132,784 | 137,988 | 1,261, |
| Non-System Project (Goldenrod Road) | 0 | 0 | 0 | 0 | 964 | 0 | 0 | 9 |
| GRAND TOTALS | | 363,463 | | 404,106 | 223,989 | 132,784 | 137,988 | 1,262, |
| THIRD PARTY CONTRIBUTIONS ** | | 30,250 | | 0 | 0 | 0 | 0 | 30, |
| AND TOTALS WITH CONTRIBUTIONS | | 333,213 | | 404,106 | 223,989 | 132,784 | 137,988 | 1,232,0 |

^{*} Construction costs escalated at 2.7% for FY 2016 and 2.5% per year for FY 2017 through FY 2020. In general, all other costs escalated at 2.5% per year.

^{**} Credits for SR 528 / Innovation Way Interchange. Received conribution of \$11.75 million from SLR and \$6.5 million from Orange County. Reasonably anticipated contribution of \$12 million from AAF.

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

U = Unencumbered costs

Existing System Improvements Summary

| | | | | Project De | scription | | | | Project | Cost (tho | usands \$) by Fisca | al Year * | | | |
|------|----------------|---|--------------------------|------------------------|----------------|-------------------------------|-------|-------|---------|-----------|---------------------|-----------|-------|----------------|-------------------------------|
| Page | Project Number | Project Name | From | То | Length (miles) | Work Description | 15/ | 16 | 16/1 | 17 | 17/18 | 18/19 | 19/20 | Fund Source | Project Phases Funded |
| | | | | | | | E | U | Е | U | U | U | U | | |
| 25 | 408-127 | SR 408 Widening from Good Homes to East of Hiawassee | Good Homes Road | East of Hiawassee Road | - | Add Lanes, Mill and Resurface | 1,303 | 0 | 0 | 13,296 | 0 | 0 | 0 | SP | Design & Construction |
| 26 | 408-128 | SR 408 Widening from SR 417 to Alafaya Trail | SR 417 | Alafaya Trail | 4.1 | Add Lanes, Mill and Resurface | 3,542 | 0 | 0 | 17,238 | 17,710 | 0 | 0 | SP | Design & Construction |
| 27 | - | SR 417 Widening from Econ to County Line | Econlockhatchee Trail | County Line | 2.3 | Add Lanes, Mill and Resurface | 0 | 562 | 0 | 844 | 0 | 0 | 0 | SP | Design |
| 28 | - | SR 528 Widening from Narcoossee Road to SR 417 | Narcoossee Road | SR 417 | 1.9 | Add Lanes, Mill and Resurface | 0 | 0 | 0 | 0 | 407 | 2,467 | 6,147 | SP | Design & Construction |
| 29 | 528-130 | SR 528 / SR 436 Bridge Deck Replacement | - | - | - | Bridge Deck Replacement | 0 | 6,580 | 0 | 13,998 | 0 | 0 | 0 | SP | Design & Construction |
| 30 | 528-131 | SR 528 Econ River Bridge | - | - | - | Bridge Replacement & Widening | 0 | 4,623 | 0 | 11,032 | 0 | 0 | 0 | SP | Design & Construction |
| 31 | - | Systemwide Safety and Operational Improvement Projects | - | - | - | Minor Roadway Projects | 0 | 609 | 0 | 300 | 300 | 300 | 300 | SP | Design & Construction |
| 32 | - | Systemwide Guardrail Upgrade | - | - | - | Guardrail Improvements | 0 | 150 | 0 | 150 | 150 | 150 | 150 | SP | Design & Construction |
| 33 | - | Systemwide Drainage Improvements | - | - | - | Drainage Improvements | 0 | 150 | 0 | 150 | 150 | 150 | 150 | SP | Design & Construction |
| 34 | - | Systemwide Roadway Lighting | - | - | - | Lighting Rehabilitation | 0 | 150 | 0 | 150 | 150 | 150 | 150 | SP | Design & Construction |
| 35 | 408-819 | SR 408 Landscape Improvements | SR 436 | Chickasaw Trail | 2.0 | Landscaping | 159 | 0 | 0 | 0 | 0 | 0 | 0 | SP | Post Installation Maintenance |
| 36 | 408-113A | SR 408 / SR 50 Interchange Landscape Improvements | - | - | - | Landscaping | 40 | 0 | 10 | 0 | 0 | 0 | 0 | SP | Post Installation Maintenance |
| 37 | 599-126 | SR 417 / SR 528 Ramp Improvements | - | - | - | Ramp Improvements | 0 | 5,238 | 0 | 2,065 | 0 | 0 | 0 | SP | ROW & Construction |
| 38 | 429-654C | SR 429 / CR 535 Southbound Off Ramp Improvements | - | - | - | Off Ramp Improvements | 1,404 | 0 | 0 | 0 | 0 | 0 | 0 | SP | Construction |
| 39 | - | SR 429 / CR 535 Northbound On Ramp Improvements | - | - | - | On Ramp Improvements | 0 | 1,758 | 0 | 2,763 | 0 | 0 | 0 | SP | Design & Construction |
| 40 | - | SR 417 / Curry Ford Road Southbound On Ramp Improvements | - | - | - | On Ramp Improvements | 0 | 707 | 0 | 597 | 0 | 0 | 0 | SP | Design & Construction |
| 41 | 599-132 | Backup Data Center | - | - | - | Backup Data Center | 0 | 1,401 | 0 | 464 | 0 | 0 | 0 | SP | Design-Build |
| 42 | - | 2040 CFX Master Plan | - | - | - | Master Plan Study | 270 | 130 | 0 | 0 | 0 | 0 | 0 | SP | Master Plan Study |

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^{*} Construction costs escalated at 2.7% for FY 2016 and 2.5% per year for FY 2017 through FY 2020. In general, all other costs escalated at 2.5% per year.

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

U = Unencumbered costs

System Expansion Projects Summary

| | | | | Project Descri | ption | I | | Pr | roject Cost (t | housands \$) | by Fiscal Yea | ar * | | | |
|------|----------------|--|-----------------------------|---|----------------|------------------|--------|--------|----------------|--------------|---------------|-------|-------|-------------|------------------------------------|
| Page | Project Number | Project Name | From | То | Length (miles) | Work Description | 15/ | | 16 | | 17/18 | 18/19 | 19/20 | Fund Source | Project Phases Funded |
| | | | | | | | Е | U | Е | U | U | U | U | | |
| 43 | | SR 528 Right of Way Corridor (FRI / SLR) | - | - | - | Right of Way | 0 | 12,000 | 0 | 0 | 0 | 0 | 0 | SP | Right of Way |
| 44 | - | SR 528 Additional Parcels | - | - | - | Right of Way | 0 | 16,000 | 0 | 0 | 0 | 0 | 0 | SP | Right of Way |
| 45 | 429-200E | SR 451 / SR 441 Landscape | - | - | - | Landscaping | 28 | 0 | 0 | 0 | 0 | 0 | 0 | SP | Post Installation Maintenance |
| 46 | 429-200F | SR 429 / SR 414 Interchange Landscape | - | - | - | Landscaping | 1,398 | 0 | 20 | 0 | 5 | 0 | 0 | SP | Installation & Maintenance |
| 47 | - | SR 429 / SR 414 Interchange Landscape Phase II | - | - | 1 | Landscaping | 0 | 1,934 | 0 | 21 | 21 | 0 | 0 | SP | Design, Installation & Maintenance |
| 48 | 408-254 | SR 408 Eastern Extension | Challenger Parkway | SR 520 | 7.3 | New Expressway | 1,612 | 0 | 403 | 0 | 1,587 | 0 | 0 | SP | PD&E & 15% Line & Grade |
| 49 | 429-202 | Wekiva Parkway Section 1A | US-441 Interchange | North of Ponkan Road | 2.3 | New Expressway | 38,360 | 0 | 27,458 | 1,150 | 0 | 0 | 0 | SP / CF | Construction |
| 50 | 429-203 | Wekiva Parkway Section 1B | North of Ponkan Road | North of Kelly Park Road | 2.3 | New Expressway | 31,194 | 0 | 23,129 | 0 | 0 | 0 | 0 | SP / CF | Construction |
| 51 | 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 | 868 | 24,740 | 0 | 44,658 | 22,329 | 0 | 0 | SP/CF | Design & Construction |
| 52 | 429-205 | Wekiva Parkway Section 2A | East of CR 437 | East of Mt. Plymouth Road | 2.0 | New Expressway | 170 | 9,486 | 0 | 33,102 | 9,608 | 0 | 0 | SP / CF | Design & Construction |
| 53 | 429-206 | Wekiva Parkway Section 2C | Lake County Line | SR 46 East of Round Lake Road | 1.3 | New Expressway | 1,400 | 10,211 | 0 | 40,005 | 11,334 | 0 | 0 | SP | Design & Construction |
| 54 | - | SR 429 - Wekiva Parkway (Right of Way) | US 441 | East of Mt Plymouth Road and northwest to SR 46 | - | New Expressway | 0 | 41,404 | 0 | 35,926 | 11,739 | 1,479 | 0 | SP | Right of Way |
| 55 | - | Wekiva Parkway Gantries | - | - | 1 | New Expressway | 0 | 0 | 0 | 152 | 3,757 | 0 | 0 | SP | Design & Construction |

| TOTALS | 190, | 805 | 206, | ,024 | 60,380 | 1,479 | 0 |
|--------------------|--------|---------|--------|---------|--------|-------|---|
| Unencumbered Total | | 115,775 | | 155,014 | 60,380 | 1,479 | 0 |
| Encumbered Total | 75,030 | | 51,010 | | | | |
| Cw Expressway | U | U | U | 132 | 3,737 | Ü | U |

^{*} Construction costs escalated at 2.7% for FY 2016 and 2.5% per year for FY 2017 through FY 2020. In general, all other costs escalated at 2.5% per year.

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

U = Unencumbered costs

Interchange Projects Summary

| | | | Project Des | scription | 1 | | Pi | roject Cost (1 | housands \$) | by Fiscal Year | * | | | |
|-------------|---|----------------|------------------------|----------------|-------------------------------------|--------|--------|----------------|--------------|----------------|--------|--------|-------------|------------------------------------|
| Project Nun | ber Project Name | From | То | Length (miles) | Work Description | 15/ | /16 | 16 | ′17 | 17/18 | 18/19 | 19/20 | Fund Source | Project Phases Funded |
| | | | | | | Е | U | Е | U | U | U | U | | |
| 56 253F | SR 408/SR 417 Interchange (Phase I) | SR 408/SR 417 | Lake Underhill Road | - | Add Ramps, Mill and Resurface | 0 | 16,588 | 0 | 22,104 | 0 | 0 | (| SP | Bidding & Construction |
| 57 429-305 | SR 429 / Schofield Road Interchange | - | - | - | Landscaping | 0 | 416 | 0 | 21 | 15 | 0 | (| SP | Design, Installation & Maintenance |
| 58 417-3010 | SR 417 / Boggy Creek Road Interchange (Phase III) | - | - | - | Modify Interchange & Landscaping | 10,532 | 885 | 0 | 21 | 15 | 0 | (| SP | Construction & Landscape |
| 59 528-313 | SR 528 / Innovation Way Interchange | Innovation Way | Aerospace Parkway | - | New Interchange | 170 | 10,157 | 0 | 40,587 | 11,419 | 0 | (| SP | Design-Build |
| 60 - | SR 408 at I-4 Ultimate | - | - | - | Interchange Reconstruction | 1,060 | 0 | 1,060 | 0 | 76,060 | 76,060 | 81,060 | SP | Contribution & Corridor Consultant |
| | | | | | Encumbered Total | 11,762 | | 1,060 | | | | | | |

| Encumbered Total | 11,762 | | 1,060 | | | | |
|--------------------|--------|--------|-------|--------|--------|--------|--------|
| Unencumbered Total | | 28,046 | | 62,733 | 87,509 | 76,060 | 81,060 |
| TOTALS | 39, | 808 | 63, | 793 | 87,509 | 76,060 | 81,060 |

^{*} Construction costs escalated at 2.7% for FY 2016 and 2.5% per year for FY 2017 through FY 2020. In general, all other costs escalated at 2.5% per year.

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

U = Unencumbered costs

Toll Facilities Projects Summary

| | | | | Project De | scription | | | Pro | oject Cost (th | ousands \$) b | ov Fiscal Yea | ır* | | | |
|------|----------------|--------------------------------------|------------------|------------|----------------|--|--------|-----|----------------|---------------|---------------|--------|-------|-------------|--|
| Page | Project Number | Project Name | From | То | Length (miles) | Work Description | 15/ | | | /17 | 17/18 | 18/19 | 19/20 | Fund Source | Project Phases Funded |
| | | | | | | | Е | U | Е | U | U | U | U | | |
| 61 | 528-405 | SR 528 Airport Toll Plaza Demolition | Boggy Creek Road | SR 436 | 7 1 | Demolish Existing Mainline Toll Plaza | 27,688 | 0 | 129 | 0 | 0 | 0 | C | SP | Construction |
| 62 | 599-902 | Toll Collection System Upgrade | - | - | - | System Upgrade | 13,742 | 0 | 12,558 | 0 | 23,905 | 16,117 | 1,639 | | Design Development & Implementation |
| | | | | | | Encumbered Total | 41,430 | | 12,687 | | | | | | |
| | | | | | | Unencumbered Total | | 0 | | 0 | 23,905 | 16,117 | 1,639 |) | |
| | | | | | | TOTALS | 41,4 | 130 | 12, | 687 | 23,905 | 16,117 | 1,639 | 1 | |

^{*} Construction costs escalated at 2.7% for FY 2016 and 2.5% per year for FY 2017 through FY 2020. In general, all other costs escalated at 2.5% per year.

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

U = Unencumbered costs

Intelligent Transportation Systems Projects Summary

| | | | ı | Project De | escription | | | Pro | oject Cost (th | nousands \$) b | y Fiscal Yea | ar * | | | |
|------|----------------|--|------|------------|----------------|---|-----|-----------------|----------------|----------------|--------------|-------|-------|----------------|---------------------------|
| Page | Project Number | Project Name | From | То | Length (miles) | Work Description | 15/ | [/] 16 | 16 | /17 | 17/18 | 18/19 | 19/20 | Fund Source | Project Phases Funded |
| | | | | | | | Е | U | Е | U | U | U | U | | |
| 63 | 408-509 | Fiber Optic Network (FON) Utility Adjustments | - | - | - | Utility Adjustments | 0 | 50 | 0 | 50 | 50 | 50 | 50 | SP | Utility Adjustments |
| 64 | - | Regional ITS Studies | - | - | _ | Regional ITS Partnership Projects | 0 | 100 | 0 | 100 | 100 | 0 | 0 | SP | Partnership Contributions |
| 65 | - | ITS Network Upgrade Phase II | - | - | - | Re-splice Network Physical Architecture | 0 | 2,561 | 0 | 0 | 0 | 0 | 0 | SP | Design & Construction |
| 66 | - | Wekiva Parkway CCTV Deployment Sections 1A & 1B | - | - | - | CCTV Cameras | 0 | 0 | 0 | 155 | 796 | 708 | 0 | SP | Design & Construction |
| 67 | - | Wekiva Parkway CCTV Deployment Sections 2A, 2B & 2C | - | - | - | CCTV Cameras | 0 | 0 | 0 | 0 | 332 | 1,526 | 505 | SP | Design & Construction |
| 68 | - | Advanced Expressway Operations Performance Measures | - | - | - | Enhancements to ITS Data Analysis Systems | 0 | 1,309 | 0 | 0 | 0 | 0 | 0 | SP | Implementation |
| 69 | - | Supplemental DCS and CCTV Deployment | - | - | - | Deploy DCS and CCTV Cameras | 0 | 118 | 0 | 1,788 | 1,660 | 0 | 0 | SP | Design & Construction |
| 70 | - | Wrong-Way Driving Countermeasures | - | - | - | Wrong-Way Driving Countermeasures at selected ramps | 180 | 109 | 0 | 985 | 708 | 323 | 0 | SP | Design & Construction |
| 71 | - | Connected Vehicle Pilot Concept | - | - | - | Connected Vehicle Pilot Concept | 0 | 0 | 0 | 0 | 0 | 50 | 0 | SP | Concept |
| 72 | | Headquarters Security Cameras | - | | - | Security Cameras | 0 | 500 | 0 | 0 | 0 | 0 | 0 | SP | Design & Construction |
| | | | | | | Encumbered Total | 180 | | 0 | | | | | | |
| | | | | | | Unencumbered Total | | 4,747 | | 3,078 | 3,646 | 2,657 | 555 | | |

TOTALS

16

4,927

3,078

3,646

2,657

^{*} Construction costs escalated at 2.7% for FY 2016 and 2.5% per year for FY 2017 through FY 2020. In general, all other costs escalated at 2.5% per year.

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

U = Unencumbered costs

Signing and Pavement Markings Summary

| | | | | Project De | escription | 1 | | Pro | ject Cost (th | nousands \$) b | y Fiscal Yea | ır * | | | |
|------|----------------|--|------|------------|----------------|----------------------------------|-----|-----|---------------|----------------|--------------|-------|-------|----------------|-----------------------|
| Page | Project Number | Project Name | From | То | Length (miles) | Work Description | 15/ | /16 | 16. | /17 | 17/18 | 18/19 | 19/20 | Fund Source | Project Phases Funded |
| | | | | | | | Е | U | Е | U | U | U | U | | |
| 73 | - | Systemwide Miscellaneous Signing & Markings | - | - | - | Signing and Pavement Markings | 0 | 150 | 0 | 150 | 150 | 150 | 150 | SP | Design & Construction |
| 74 | - | E-PASS Logo Replacement | - | - | - | Signing | 0 | 0 | 0 | 2,467 | 0 | 0 | 0 | SP | Design & Construction |
| 75 | 599-620 | Systemwide Ramp Striping and Option Lane Arrows | - | - | - | Signing and Striping | 125 | 0 | 0 | 0 | 0 | 0 | 0 | SP | Construction |
| 76 | - | Central Florida Expressway Authority Logo Replacement | - | - | - | Signing | 0 | 0 | 0 | 1,845 | 0 | 0 | 0 | SP | Design & Construction |
| | | | | | | Encumbered Total | 125 | | 0 | | | | | | |
| | | | | | | Unencumbered Total | | 150 | | 4 462 | 150 | 150 | 150 | | |

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^{*} Construction costs escalated at 2.7% for FY 2016 and 2.5% per year for FY 2017 through FY 2020. In general, all other costs escalated at 2.5% 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 | | | Pr | oject Cost (th | ousands \$) b | y Fiscal Yea | r* | | | |
|------|----------------|--|----------------|---|----------------|---------------------------------|-------|--------|----------------|---------------|--------------|--------|--------|-------------|-----------------------|
| Page | Project Number | Project Name | From | То | Length (miles) | Work Description | 15/ | /16 | 16/ | 17 | 17/18 | 18/19 | 19/20 | Fund Source | Project Phases Funded |
| | | | | | | | Е | U | Е | U | U | U | U | | |
| 77 | 417-731A | SR 417 Resurfacing | SR 50 | Orange / Seminole County Line | 3.5 | Mill & Resurface | 7,057 | 0 | 0 | 0 | 0 | 0 | 0 | RR | Construction |
| 78 | 417-733 | SR 417 Resurfacing | I-Drive | Moss Park | 16.8 | Mill & Resurface | 0 | 23,768 | 0 | 7,919 | 0 | 0 | 0 | RR | Construction |
| 79 | - | SR 408 Resurfacing | West SR 50 | I-4 | 8.1 | Mill & Resurface | 0 | 1,223 | 0 | 19,020 | 0 | 0 | 0 | RR | Design & Construction |
| 80 | - | SR 429 Resurfacing | Seidel Road | CR 535 | 8.4 | Mill & Resurface | 0 | 8,636 | 0 | 7,649 | 0 | 0 | 0 | RR | Design & Construction |
| 81 | - | SR 528 Resurfacing | SR 436 | Goldenrod Road | 1.4 | Mill & Resurface | 0 | 4,341 | 0 | 0 | 0 | 0 | 0 | RR | Design & Construction |
| 32 | - | SR 528 Resurfacing | Goldenrod Road | SR 520 (East) / SR 417 Innovation Way (South) | 21.7 | Mill & Resurface | 0 | 0 | 0 | 1,372 | 18,684 | 25,940 | 0 | RR | Design & Construction |
| 83 | - | SR 408 Resurfacing | East of I-4 | Yucatan Drive | 4.2 | Mill & Resurface | 0 | 0 | 0 | 0 | 0 | 1,098 | 17,014 | RR | Design & Construction |
| 34 | - | SR 414 Resurfacing | SR 429 | US 441 | 5.7 | Mill & Resurface | 0 | 0 | 0 | 0 | 0 | 1,340 | 20,800 | RR | Design & Construction |
| 85 | - | SR 417 Resurfacing | Moss Park | Innovation Way | 1.0 | Mill & resurface | 0 | 0 | 0 | 0 | 0 | 231 | 3,457 | RR | Design & Construction |
| 86 | - | Miscellaneous Resurfacing Projects | - | - | - | Mill & Resurface | 0 | 200 | 0 | 200 | 200 | 200 | 200 | RR | Design & Construction |
| 87 | - | Miscellaneous Drainage and Stormwater Projects | - | - | - | Drainage and Stormwater | 0 | 200 | 0 | 200 | 200 | 200 | 200 | RR | Design & Construction |
| 88 | - | Systemwide Toll Plaza Projects | - | - | - | Toll Plaza Projects | 0 | 100 | 0 | 100 | 100 | 100 | 100 | RR | Design & Construction |
| 89 | - | Systemwide Generator Replacements and Upgrades | - | - | - | Generator Replacements | 0 | 2,256 | 0 | 773 | 782 | 0 | 1,074 | RR | Design & Construction |
| 90 | - | Systemwide Air Conditioner Replacements and Upgrades | - | - | - | Air Conditioner Replacements | 508 | 345 | 0 | 355 | 88 | 0 | 150 | RR | Design & Construction |
| 91 | - | Systemwide Roof Replacements | - | - | - | Roof Replacements | 0 | 240 | 0 | 240 | 240 | 240 | 240 | RR | Design & Construction |
| | | | | | | Encumbered Total | 7,565 | | 0 | | | | | | |

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Encumbered Total Unencumbered Total Unencumbered Total 41,309 37,828 20,294 29,349 43,235 SUB-TOTALS (Page 1) 48,874 37,828 20,294 29,349 43,235

^{*} Construction costs escalated at 2.7% for FY 2016 and 2.5% per year for FY 2017 through FY 2020. In general, all other costs escalated at 2.5% 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)

| | | | 1 | Project De | escription | | | Pre | oject Cost (th | ousands \$) t | y Fiscal Yea | r * | | | |
|------|----------------|---|------|------------|----------------|---|-------|-------|----------------|---------------|--------------|-------|-------|-------------|--|
| Page | Project Number | Project Name | From | То | Length (miles) | Work Description | 15/ | /16 | 16/ | 17 | 17/18 | 18/19 | 19/20 | Fund Source | Project Phases Funded Installation Design & Construction Construction Design & Construction Design & Construction Implementation Design & Construction Implementation Design & Construction |
| | | | | | | | Е | U | Е | U | | | | | |
| 92 | - | Systemwide UPS Replacements | - | - | - | UPS Replacements | 0 | 0 | 0 | 110 | 110 | 0 | 0 | RR | Installation |
| 93 | - | Systemwide Bridge Projects | - | - | - | Misc. Structural Projects | 0 | 345 | 0 | 0 | 345 | 0 | 345 | RR | Design & Construction |
| 94 | - | Systemwide Coatings | - | - | - | Painting & Inspections | 0 | 2,000 | 0 | 2,000 | 2,000 | 0 | 0 | RR | Design & Construction |
| 95 | - | Systemwide Fence Projects | - | - | - | Fencing Replacement | 0 | 250 | 0 | 0 | 250 | 0 | 250 | RR | Construction |
| 96 | | Systemwide Bridge Joint & Approach Slab Projects | - | - | - | Concrete Pavement Projects | 0 | 100 | 0 | 0 | 100 | 0 | 100 | RR | Design & Construction |
| 97 | | Systemwide Reflective Pavement Markers & Thermo Striping | - | - | - | RPM Replacement & Striping | 0 | 348 | 0 | 134 | 185 | 210 | 152 | RR | Design & Construction |
| 98 | 599-616b | Trailblazer Upgrades Phase II | - | - | - | Signing Upgrades | 1,140 | 0 | 0 | 0 | 0 | 0 | 0 | RR | Construction |
| 99 | - | Systemwide Trailblazer Upgrades | - | - | - | Signing Upgrades | 0 | 620 | 0 | 1,160 | 1,160 | 1,460 | 810 | RR | Design & Construction |
| 100 | 599-729 | SR 408 / 417 / 429 Guide Signing Improvements | - | - | - | Signing Improvements | 781 | 0 | 0 | 0 | 0 | 0 | 0 | RR | Construction |
| 101 | - | Systemwide Signing Improvement Projects | - | - | - | Signing Improvements | 140 | 570 | 0 | 1,250 | 1,660 | 922 | 1,628 | RR | Design & Construction |
| 102 | - | Headquarters A/C Improvements | - | - | - | A/C Improvements | 335 | 0 | 0 | 0 | 0 | 0 | 0 | RR | Construction |
| 103 | - | Geolocation of Field Utilities | - | - | - | Geolocation | 0 | 165 | 0 | 135 | 0 | 0 | 0 | RR | Design & Implementation |
| 104 | 599-525 | Single Line DMS Upgrade | - | - | - | Upgrade DMS | 490 | 0 | 0 | 4,547 | 0 | 0 | 0 | RR | Design & Construction |
| 105 | - | Traffic Management CCTV Upgrade | - | - | - | Migration to IP Traffic Management Cameras | 0 | 151 | 0 | 155 | 159 | 163 | 167 | RR | Implementation |
| 106 | - | Systemwide Tone Wire Upgrades | - | - | - | Upgrade Tone Wire System | 0 | 132 | 0 | 2,686 | 1,305 | 0 | 0 | RR | Design & Construction |
| | | | | | | Encumbered Total | 2.886 | | 0 | · | | | | | - |

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Encumbered Total 4,681 12,177 7,274 2,755 3,452 Unencumbered Total **SUB-TOTALS** (Page 2) 7,567 12,177 7,274 2,755 3,452 **TOTALS** 56,441 50,005 27,568 32,104 46,687

^{*} Construction costs escalated at 2.7% for FY 2016 and 2.5% per year for FY 2017 through FY 2020. In general, all other costs escalated at 2.5% per year.

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

U = Unencumbered costs

Landscape Projects Summary

| | | | | Project De | scription | | | Pro | oiect Cost (tl | nousands \$) b | y Fiscal Year | . * | | | |
|------|----------------|---|------|------------|----------------|--------------------|-----|-------|----------------|----------------|---------------|-------|-------|----------------|-----------------------|
| Page | Project Number | Project Name | From | То | Length (miles) | Work Description | 15 | /16 | | /17 | 17/18 | 18/19 | 19/20 | Fund Source | Project Phases Funded |
| | | | | | | | Е | U | Е | U | U | U | U | | |
| 10 | 7 - | Systemwide Discretionary Landscape Projec | - | - | - | Landscaping | 0 | 1,000 | 0 | 1,000 | 1,000 | 1,000 | 1,000 | SP | Design & Construction |
| | | | | | | Encumbered Total | 0 | | 0 | | | | | | |
| | | | | | | Unencumbered Total | | 1,000 | | 1,000 | 1,000 | 1,000 | 1,000 | | |
| | | | | | | TOTALS | 1,0 | 000 | 1,0 | 000 | 1,000 | 1,000 | 1,000 | | |

^{*} Construction costs escalated at 2.7% for FY 2016 and 2.5% per year for FY 2017 through FY 2020. In general, all other costs escalated at 2.5% 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 (th | nousands \$) l | ov Fiscal Yea | ır * | | | |
|------|----------------|----------------------------|-----------|-----------------|----------------|--------------------|-----|-----|----------------|----------------|---------------|-------|-------|-------------|-----------------------|
| Page | Project Number | Project Name | From | То | Length (miles) | Work Description | 15. | /16 | | /17 | 17/18 | 18/19 | 19/20 | Fund Source | Project Phases Funded |
| | | | | | | | Е | U | Е | U | U | U | U | | |
| 10 | 800-903D | Goldenrod Road Resurfacing | Lee Vista | Narcoossee Road | 0.9 | Mill & Resurface | 0 | 0 | 0 | 0 | 964 | 0 | (| NSP | Construction |
| | | | | | | Encumbered Total | 0 | | 0 | | | | | | |
| | | | | | | Unencumbered Total | | 0 | | 0 | 964 | 0 | (|) | |
| | | | | | | TOTALS | |) | | 0 | 964 | 0 | 0 | 1 | |

^{*} Construction costs escalated at 2.7% for FY 2016 and 2.5% per year for FY 2017 through FY 2020. In general, all other costs escalated at 2.5% 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 |
| | 15/ | 16 | 16 | /17 | 17/18 | 18/19 | 19/20 | Total | |
| | Е | U | Е | U | U | U | U | | |
| System Projects Fund (SP) | 74,762 | 141,986 | 19,404 | 249,760 | 175,670 | 100,680 | 91,301 | 853,562 | |
| Construction Fund BAN (CF) | 60,484 | 29,791 | 45,363 | 39,575 | 19,787 | 0 | 0 | 195,000 | |
| Non-System Projects (NSP) | 0 | 0 | 0 | 0 | 964 | 0 | 0 | 964 | |
| Renewal and Replacement (RR) | 10,451 | 45,990 | 0 | 50,005 | 27,568 | 32,104 | 46,687 | 212,805 | |
| SUB-TOTALS | 145,697 | 217,766 | 64,767 | 339,339 | 223,989 | 132,784 | 137,988 | | |
| GRAND TOTALS ** | 363, | 463 | 404 | ,106 | 223,989 | 132,784 | 137,988 | 1,262,331 | |

^{*} Construction costs escalated at 2.7% for FY 2016 and 2.5% per year for FY 2017 through FY 2020. In general, all other costs escalated at 2.5% per year.

^{**} Grand Totals to do not include third party contributions for the SR 528 / Innovation Way Interchange.

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

U = Unencumbered costs

2030 Expressway Master Plan Summary











CENTRAL FLORIDA EXPRESSWAY AUTHORITY

2030 Expressway Master Plan Summary

| | | Project Phase Included in Five- | -Year Work Plan | | |
|------------------------------|---|---------------------------------|--|---|--|
| Project Category | Recommended 2030 Projects | Project Phases Funded | 2015 Inflated Costs (thousand \$) * | 2030 Master Plan 2005 Project Costs (thousand \$) | Comments (pertaining to FY 16 - FY 20 Work Plan) |
| Existing System Improvements | SR 408 : Dorscher Road to Powers Drive | Design & Construction | \$14,599 | \$20,000 | SR 408 Widening from Good Homes Road to East of Hiawasse Road. |
| | SR 408 : Goldenrod Road to SR 417 (Central Florida Greeneway) | Complete | | \$81,000 | Projects 253D-D1 and 253D-D3 completed in 2012. Project 253D-D2 completed in 2013. |
| | SR 408 : SR 417 (Central Florida Greeneway) to SR 50 East | Design & Construction | \$38,490 | \$29,100 | SR 408 Widening from SR 417 to Alafaya Trail. |
| | SR 417 : International Drive to Boggy Creek Road | | | \$68,200 | |
| | SR 417 : Boggy Creek Road to SR 528 (Beachline Expwy) | | | \$54,200 | |
| | SR 417 : SR 528 (Beachline Expwy) to SR 408 (East West Expwy) | Complete | | \$31,500 | Project 417-107 completed in 2012. Project 417-110 from Curry Ford to Lake Underhill Road completed in early 2015. |
| | SR 417 : SR 408 (East West Expwy) to University Blvd | Complete | | \$28,200 | Project 253E, SR 417 Widening from SR 408 to SR 50. |
| | SR 417 : University Boulevard to Seminole/Orange County Line | Design | \$1,406 | \$15,000 | SR 417 Widening from Econlockhatchee Trail to County Line (Design). |
| | SR 429 : Seidel Road to CR 535 (Winter Garden Vineland) | | | \$49,500 | |
| | SR 429 : CR 535 (Winter Garden Vineland) to SR 50 | | | \$22,200 | |
| | SR 429 : SR 50 to SR 414 (Apopka Expressway) | | | \$42,900 | |
| | SR 429/SR 414 : SR 414 to US 441 (Orange Blossom Trail) | | | \$20,000 | |
| | SR 528 : Boggy Creek Road to SR 436 (Semoran Blvd) | Construction | \$27,817 | \$32,500 | Project 528-405. |
| | SR 528 : SR 436 (Semoran Boulevard) to SR 417 (Central Florida Greeneway) | Design & Construction | \$9,021 | \$33,800 | SR 528 Widening from Narcoossee Road to SR 417. |
| | SR 528 : SR 417 (Central Florida Greeneway) to Innovation Way | | | \$21,600 | |
| | SR 528 : Innovation Way to SR 520 | | | \$57,100 | |
| System Expansion Projects | New Interchange : SR 408 @ Woodbury Road | | | \$18,000 | |
| (New Interchanges) | New Interchange : SR 417 @ Florida's Turnpike | Complete | | \$122,000 | Partial Interchange. Project 417-304 completed in early 2015. |
| | New Interchange : SR 417 @ Innovation Way Extension | Complete | | \$28,000 | Project completed in 2009. |
| | New Interchange : SR 451/SR 429/SR 414 @ Vick Road Extension | Complete | | \$18,000 | Project completed in 2009. |
| | | SUB TOTALS | \$91,334 | \$792,800 | |

23

FY 16-20

^{*} Construction costs escalated at 2.7% for FY 2016 and 2.5% per year for FY 2017 through FY 2020. In general, all other costs escalated at 2.5% per year.

2030 Expressway Master Plan Summary

| | | Project Phase Included in Five- | Year Work Plan | 2030 Master Plan | |
|------------------------------------|--|------------------------------------|--|-------------------------------------|--|
| Project Category | Recommended 2030 Projects | Project Phases Funded | 2015 Inflated Costs (thousand \$) * | 2005 Project Costs (thousand \$) | Comments (pertaining to FY 16 - FY 20 Work Plan) |
| System Expansion Projects | New Tolled Expressway: SR 429/SR 414 John Land Apopka Expressway (SR 429 to US 441 west) | Complete | | \$250,000 | Project completed in 2013. |
| (New Expressways) | New Tolled Expressway : SR 429 Wekiva Parkway (US 441 to Lake County Line) | Design, Construction & ROW | \$423,659 | \$270,000 | From US 441 north to East of Mt Plymouth Road and northwest to SR 46. |
| | New Tolled Expressway: SR 408 Western Extension (SR 429 to US 27) | | | \$240,000 | Concept study completed. |
| | New Tolled Expressway: SR 408 Eastern Extension (Challenger Pkwy to SR 520 | PD&E and 15% Line & Grade | \$3,602 | \$400,000 | Concept study completed. PD&E underway. |
| | New Tolled Expressway: SR 408 Eastern Extension (SR 520 to I-95) | | | \$600,000 | Concept study completed. |
| | New Tolled Expressway : SR 417 Northeast Extension (SR 417 to SR 46 near SR 415) | | | \$300,000 | Concept study completed. |
| | New Tolled Expressway : SR 417 Southern Extension (SR 417 to Florida Turnpike) | | | \$600,000 | Concept study completed. |
| | New Tolled Expressway: SR 528 Orlando Int'l Airport (OIA) to Port Canaveral | | | \$1,200,000 | Concept study completed. |
| | New Route : SR 417 Southern Extension to I-95 (Pineda) | | | \$800,000 | Concept study completed. |
| | | | | | |
| Interchange Projects | SR 408 @ Interstate 4 Interchange | Contribution & Corridor Consultant | \$235,300 | \$210,000 | Contribution divided into three fiscal years. \$75k in FY 18, \$75k in FY 19 and \$80k in FY 20. |
| | SR 408 @ SR 417 (Central Florida GreeneWay) | Construction | \$38,692 | \$140,000 | Projects 253E-E1 and 253E-E2 completed in 2012. Includes 253F Phase I. |
| | SR 417 @ Orlando International Airport (OIA) Interchange (south entrance to airport) | Construction | \$11,452 | \$73,000 | Project 417-301B completed in 2013. Includes Project 417-301C. |
| | | | | | |
| Toll Facilities Projects | No Projects Identified | | | | |
| | | | | | |
| Intelligent Transportation Systems | No Projects Identified | | | | |
| | | | | | |
| Signing and Pavement Markings | No Projects Identified | | | | |
| | | | | | |
| Renewal and Replacement Projects | Systemwide: SR 408, SR 414, SR 417, SR 429, SR 451, SR 528 | Design & Construction | \$179,580 | \$360,000 | Inflated project costs represent entire R&R program (as shown in the FY 16 - FY 20 Five Year Work Plan). |
| Landscaping Projects | No Projects Identified | | | | |
| | | | | | |
| Non-System Projects | No Projects Identified | | | | |
| | | | | | |
| | | SUB TOTALS | \$892,286 | \$5,443,000 | |

TOTALS

24

\$983,620

\$6,235,800

^{*} Construction costs escalated at 2.7% for FY 2016 and 2.5% per year for FY 2017 through FY 2020. In general, all other costs escalated at 2.5% per year.











| Current Status: | Design | | | P | riority: | 1 | | | | Project Na | me/Numbe | r: | SR 408 W | idening fro | m Good H | omes to Ea | st of Hiaw | assee | | # | 408-127 | |
|---------------------|----------------|---------|------|-------------|-------------|-----|-----|---|----|------------|-----------|----|------------|--------------|-----------|------------|------------|-------|--|-----|---------|--|
| Date Originated: | 1/31/07 | | | | | | | | | Route Nun | nber : | | SR 408 | | | | | | | | | |
| Last Revision: | 4/14/15 | | | | | | | | | Project Ca | itegory: | | Existing S | ystem Imp | rovements | | | | | | | |
| Fund Source: | SP | | | | | | | | | Work Desc | cription: | | Add Lanes | s, Mill and | Resurface | | | | | | | |
| Length (miles): | 1.8 | | | | | | | _ | | | | | Design & | Construction | on | | | | | | | |
| From: | Good Home | es Road | To | : East of H | iawassee Ro | oad | | | | | | | | | | | | | | | | |
| Project Schedule : | : | | 2015 | | | 20 |)16 | | 20 | 017 | | | 20 | 018 | | | 20 | 019 | | 202 | 0 | |
| Design | | | | | | | | | | | | | | | | | | | | | | |
| Bidding | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | |
| Toll Equipment | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in th | nousands \$) : | | • | • | | | | | | | | | • | | | | | | | | | |

| Activity | Totals \$ | | 20 | 15 | | | 20 | 16 | | | 20 | 17 | | 20 |)18 | | 20 |)19 | | | 202 | 0 | |
|----------------|-----------|--|------------------|---------|-------|-----|-------|----------|---------|-------|--------|---------------|------|----|----------|---------|----|----------|---------|---|-----|---|--|
| EAL | 2,447 | | | 431 | 431 | 431 | 10 | 286 | 286 | 286 | 286 | | | | | | | | | | | | |
| Construction | 11,444 | | | | | | | 2,861 | 2,861 | 2,861 | 2,861 | | | | | | | | | | | | |
| Toll Equipment | 286 | | | | | | | | | | 286 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 14,177 | | FY 15/16 Total = | | | | 1,303 | FY 16/17 | Total = | | 12,874 | FY 17/18 Tota | ıl = | - | FY 18/19 | Total = | - | FY 19/20 | Total = | - | - | | |
| | <u> </u> | | | Encumbe | red = | | 1,303 | Encumber | red = | | | | | | | | | | | | | | |

FY 2016 FY 2017 FY 2019 FY 2020 FY 2018 Cash Flow Inflated (in thousands \$): 2.5% Base Inflation rate = Const. Inflation Rates = 2.7% 2.5% 2.5% 2.5%

| Activity | Totals \$ | | 20 |)15 | | | 20 | 16 | | | 20 | 17 | | | 20 |)18 | | | 20 |)19 | | | 202 | 0 | |
|----------------|-----------|---|----|----------|-------|-------|----------|----------|-------|--------|----------|---------|---|---|----------|---------|---|---|----------|---------|---|---|-----|---|--|
| EAL | 2,469 | | | 431 | 431 | 431 | 10 | 291 | 291 | 291 | 291 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Construction | 11,830 | | | - | - | - | - | 2,957 | 2,957 | 2,957 | 2,957 | - | - | - | - | - | - | 1 | - | - | - | - | - | | |
| Toll Equipment | 301 | | | - | - | - | - | - | - | - | 301 | - | - | - | - | - | - | 1 | - | - | - | - | - | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 14,599 | _ | | Total = | | 1,303 | FY 16/17 | Total = | | 13,296 | FY 17/18 | Total = | | - | FY 18/19 | Total = | | - | FY 19/20 | Total = | | - | | | |
| | | = | | Encumber | red = | · | 1,303 | Encumber | red = | · | · | | | | | | · | | | | | • | | | |

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

Estimated total construction cost of \$11.4 million (2015 \$). \$1.6 million design contract.

| Current Status: | Design | Priority: | 1 | Project Name/Number: | SR 408 Widening from SR 417 to Alafaya Trail | # 408-128 |
|------------------|-----------|------------------|---|----------------------|--|-----------|
| Date Originated: | 1/31/07 | <u> </u> | | Route Number: | SR 408 | |
| Last Revision: | 4/18/15 | | | Project Category: | Existing System Improvements | |
| Fund Source: | SP | | | Work Description: | Add Lanes, Mill and Resurface | |
| Length (miles): | 4.1 | | | | Design & Construction | |
| From: | SR 417 To | o: Alafaya Trail | | | | |

Project Schedule:

| Activity | |)15 | | 20 | 016 | | 20 |)17 | | 20 | 18 | | 20 | 19 | | 202 | .0 | |
|----------------|--|-----|--|----|-----|--|----|-----|--|----|----|--|----|----|--|-----|----|---|
| Design | | | | | | | | | | | | | | | | 1 | | i |
| Bidding | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | |
| Toll Equipment | | | | | | | | | | | | | | | | 1 | | i |
| | | | | | | | | | | | | | | | | 1 | | i |

Project Cost (in thousands \$):

| Activity | Totals \$ | | 20 |)15 | | | 20 | 16 | | | 20 | 17 | | | 20 |)18 | | 20 |)19 | | | 202 | 20 | |
|----------------|-----------|------------------|----|--------|-----|-------|----------|---------|-------|--------|----------|---------|-------|--------|----------|---------|---|----------|---------|---|---|-----|----|--|
| EAL | 6,542 | | | 880 | 880 | 880 | 880 | 10 | 502 | 502 | 502 | 502 | 502 | 502 | | | | | | | | | | |
| Construction | 30,120 | | | | | | | | 5,020 | 5,020 | 5,020 | 5,020 | 5,020 | 5,020 | | | | | | | | | | |
| Toll Equipment | 450 | | | | | | | | | | | | | 450 | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 37,112 | FY 15/16 Total = | | | | 3,520 | FY 16/17 | Total = | | 16,576 | FY 17/18 | Total = | • | 17,016 | FY 18/19 | Total = | - | FY 19/20 | Total = | - | - | | - | |
| Encumbered | | | | ered = | | 3,520 | Encumber | ed = | | | | | | | | | | | | | | • | | |

| Activity | Totals \$ | 2015 | | | 2016 | | | | 2017 | | | | 2018 | | | | 2019 | | | | 2020 | | | |
|----------------|-----------|------|--------|------------|---------|------------------------|----|-------|-------|-------------------------|-------|-------|-------------------------|---|---|---|--------------------|---|---|---|------|---|--|--|
| EAL | 6,679 | | 88 | 6 886 | 886 | 886 | 10 | 521 | 521 | 521 | 521 | 521 | 521 | - | - | - | - | - | - | - | - | - | | |
| Construction | 31,329 | | - | - | - | - | - | 5,222 | 5,222 | 5,222 | 5,222 | 5,222 | 5,222 | - | - | - | - | - | - | - | - | - | | |
| Toll Equipment | 482 | | - | - | - | - | - | - | - | - | - | - | 482 | 1 | - | - | - | - | - | - | - | - | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 38,490 | | FY 15/ | 16 Total = | | 3,542 FY 16/17 Total = | | | | 17,238 FY 17/18 Total = | | | 17,710 FY 18/19 Total = | | | | - FY 19/20 Total = | | | | - | | | |
| Encumbered = | | | | 3,542 | Encumbe | red = | | | | | | | | | | | | | | | = | | | |

26

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

Estimated total construction cost of \$30.1 million (2015 \$).

Includes re-configuration of SR 417/Rouse Road interchange.

| Date Originated : Last Revision : Fund Source : | 1: 8/26/13 5/28/15 SP | | | | | | | | | | Project Na Route Nu Project Ca Work Des | ategory: | | SR 417 Widening from Econ to County Line # - SR 417 Existing System Improvements Add Lanes, Mill and Resurface Design | | | | | | | | | | | |
|---|---------------------------------------|----------------|---|--|-----|-----|-----|----------|-----|-----|--|------------------|--------------|---|----------|---------|-----------------|------------------|-----------------|-----------|-----------------|-----|-----------------|--|--|
| From: | Econlockhatchee Trail To: County Line | | | | | | | <u>.</u> | | | | | | | | | | | | | | | | | |
| Project Schedule : | | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | Activity 2015 | | | | | 20 |)16 | | | 20 |)17 | | | 20 | 18 | | | 2019 | | | | 202 | 0 | | |
| Design | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | 1 | | | | | |
| | | | | | | | | | | | | | | | | | | | | - | | | | | |
| Project Cost (in the Activity | Totals \$ | | 2015 | | | | | | | 20 |)17 | , | | 20 | 18 | | | 20 | | | | 202 | 0 | | |
| Design | 1,380 | | | | 276 | 276 | 276 | 276 | 276 | | | | | | | | | | | 1 | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 1,380 | • | | FY 15/16 Total = 552 F Encumbered = Encumbered = Encumbered | | | | | | 828 | FY 17/18 Total = | | | - FY 18/19 Total = | | | | - FY 19/20 Total | | | | • | | | |
| Cash Flow Inflated (in thousands \$): | | | | Base Inflation rate = 2.5% | | | | | | | | Const. Inf | lation Rates | | | | FY 2017 2.5% | | FY 2018 2.5% | | FY 2019 2.5% | | FY 2020 2.5% | | |
| Activity | Totals \$ | | 2015 | | 201 | | 016 | 201 | 201 | ı |)17 | T | | | 18 | T | | | 019 | 1 | | 202 | 0 | | |
| Design | 1,406 | | | - | 281 | 281 | 281 | 281 | 281 | - | - | - | - | - | - | - | - | - | - | - | - | - | | | |
| | | | | - | - | | - | - | | _ | <u> </u> | <u> </u> | - | _ | _ | - | - | - | _ | 1 - | _ | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 1,406 | | FY 15/16 Total = 562 FY 16/16 Encumbered = Encumbered | | | | | | | 844 | FY 17/18 | FY 17/18 Total = | | | FY 18/19 | Total = | | - | FY 19/20 |) Total = | | - | | | |
| Remarks: Estimate | ed constructi | on cost is \$1 | 2.2 million (2015 \$ |). | | | | | | | | | | | | | | | | | | | | | |

| Fund Source: | | | | To: | Pri | ority : | 1 | | | | Rou Proj | , ite Nun ject Ca | me/Numbenber: tegory: cription: | - - - | SR 528 Existing S Add Lanes | ystem Impo s, Mill and | rovements Resurface | see Road to | SR 417 | | | | # | - | |
|----------------------|---|--|---|----------|--------|---------|----|----------|-------|------|-------------|-------------------------|---------------------------------|-----------------|-----------------------------------|---------------------------|------------------------|-----------------|--------|-----------------|---------|-----------------|-------|---|--|
| Project Schedule : | | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | | | | | 20 | 16 | | | 2017 | | | | 20 | 18 | | | 20 | 19 | | | 202 | 0 | |
| Design | | | | | | | | | | | | | | | | | | | | | | | | | \sqcup |
| Bidding | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in the | ousands \$) : | | | 015 | | | 20 | 016 | | | 2017 | | | | 20 | 118 | | | 20 | 119 | | | 202 | n | |
| EAL | 1,443 | |] | | | | | 10 | | | | | | 190 | 190 | 190 | 190 | 10 | 168 | 168 | 168 | 168 | 202 | 0 | |
| Construction | 6,732 | | | | | | | | | | | | | | | | | | 1,683 | 1,683 | 1,683 | 1,683 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 8,175 | | | FY 15/16 | | | - | FY 16/17 | | | - FY | 17/18 | Total = | | 380 | FY 18/19 | Total = | | 2,241 | FY 19/20 | Total = | | 5,554 | | |
| | | | | Encumbe | ered = | | | Encumbe | red = | | | | | | | | | | | | | | | | |
| Cash Flow Inflate | ed (in thousands \$): Base Inflation Rate = 2.5% | | | | | | | | | | Const. Infl | ation Rates | = | FY 2016 2.7% | | FY 2017 2.5% | | FY 2018 2.5% | | FY 2019 2.5% | | FY 2020 2.5% | | | |
| Activity | Totals \$ | | | | | 20 | 16 | | | 2017 | | | | 20 | 18 | | | 20 | 19 | | | 202 | 0 | | |
| EAL | 1,569 | | | - | - | - | - | - | - | - | - | - | - | 203 | 203 | 203 | 203 | 11 | 186 | 186 | 186 | 186 | - | | |
| Construction | 7,452 | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1,863 | 1,863 | 1,863 | 1,863 | - | | |
| | | | | | 1 | | | | | | | | | | | | | | | | | | | | |

FY 17/18 Total =

28

407 FY 18/19 Total =

Remarks: EAL includes design.

TOTAL

9,021

Estimated total cost of future construction is \$8.2 million (2015 \$). Includes FC repair only of existing lanes through widening limits.

FY 16/17 Total =

Encumbered =

FY 15/16 Total =

Encumbered =

Year need 2020

2,467 FY 19/20 Total =

6,147

| | Design 6/27/13 | | | | Pri | iority : | 1 | | | | | Project Nan Route Num | | | SR 528 / S | SR 436 Brid | lge Deck F | Replacement | | | | | # | 528-130 | |
|----------------------------------|------------------------|-------------|-------------|---------------|-----------|-----------|-------|----------|---------|-------|--------|----------------------------|-------------|-------------|------------|--|------------|-------------|----|----------|---------|----------|-----|---------|--|
| Last Revision : Fund Source : | 5/14/15 SP | | | | | | | | | | | Project Cate Work Descr | | | Bridge De | System Impreck Replace Construction | ment | | | | | | | | |
| Length (miles) : From: | - | | | To: <u>-</u> | | | | | | | | | | | Design & | Construction |)II | | | | | | | | |
| Project Schedule : | | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 20 |)15 | | | 20 | 16 | | | 20 |)17 | | | 20 |)18 | | | 20 | 19 | | | 202 | 0 | |
| Design Bidding | n ng | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in the Activity | ousands \$): Totals \$ | | 20 | 015 | | | 20 | 16 | | | 20 |)17 | | | 20 | 018 | | | 20 | 19 | | | 202 | 0 | |
| EAL | 3,554 | | | 946 | 946 | 10 | 413 | 413 | 413 | 413 | | | | | | | | | | | | | | | |
| Construction | 16,520 | | | | | | 4,130 | 4,130 | 4,130 | 4,130 | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 20,074 | | | FY 15/16 T | otal = | | 6,445 | FY 16/17 | Total = | | 13,629 | FY 17/18 7 | Total = | | _ | FY 18/19 | Total = | <u> </u> | - | FY 19/20 | Total = | | - | | |
| | | | | Encumbered | d = | | | Encumber | red = | | | | | | | • | | | | | | | | | |
| | | | | | | | | | | | | _ | | | | FY 2016 | | FY 2017 | | FY 2018 | | FY 2019 | | FY 2020 | |
| Cash Flow Inflated | d (in thousan | ds \$) : | | Base Inflatio | on Rate = | 2.5% | | | | | | (| Const. Infl | ation Rates | s = | 2.7% | | 2.5% | | 2.5% | | 2.5% | | 2.5% | |
| Activity | Totals \$ | | 20 |)15 | | | | 16 | | | 20 |)17 | | | 20 |)18 | | | 20 | 19 | | | 202 | 0 | |
| EAL | 3,608 | | | 952 | 952 | 10 | 423 | 423 | 423 | 423 | - | - | - | - | ı | - | - | - | - | - | - | - | - | | |
| Construction | 16,971 | | | - | - | - | 4,243 | 4,243 | 4,243 | 4,243 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 20,578 | | l | FY 15/16 T | otal = | | 6,580 | FY 16/17 | Total = | | 13,998 | FY 17/18 7 | Total = | | _ | FY 18/19 | Total = | 1 | | FY 19/20 | Total = | <u> </u> | _ | | |
| 1017112 | 20,570 | | | Encumbered | | | 0,500 | Encumber | | | 13,770 | 1 1 1//10 1 | | | | 1 1 10/17 | - Jun – | | | 1117/20 | - Jun – | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Remarks: EAL inc | ludes design | , bidding a | nd construc | ction enginee | ring & in | spection. | | | | | | | | | | | | | | | | | | | |

ESI 5

7/9/2015 29 FY 16-20

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

| rent Status: | Design | | | rii | iority : | | | | | | 1 Toject I tu | ame/Number | | 3K 326 EC | on River B | riage | | | | | | | 528-131 | |
|---|---|--------|---|--------------------------------|----------|---|--------------------------------------|---|--------------|--------|---------------|--------------|------------|------------|-----------------------|-----------|-----------------|----|-----------------------------|---------|-----------------|-----|-----------------|---|
| e Originated: | 6/27/13 | | | | - | | , | | | | Route Nun | mber: | | SR 528 | | | | | | | | | | |
| t Revision : | 3/24/15 | | | | | | , | | | | Project Ca | ategory: | | Existing S | ystem Impr | ovements | | | | | | | | |
| nd Source : | SP | | | | | | , | | | | Work Des | | | Bridge Re | placement & | & Widenin | ıg | | | | | | | |
| gth (miles): | - | | | | | | | | | | | - | | Design & | Constructio | n | | | | | | | | |
| m: | - | _ | To: | - | | | | | | | | | | | | | | | | | | | | _ |
| ect Schedule | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | 2015 | 5 | | | 20 | 16 | | | 20 | 17 | | | 20 | 18 | | | 20 | 19 | | | 202 | 20 | |
| gn | | | | | | | | | | | | | | | | | | | | | | | | Т |
| ng | | | | | | | | | | | | | | | | | | | | | | | | T |
| ruction | | | | | | | | | | | | | | | | | | | | | | | | T |
| | | | | | | | | | | | | | | | | | | | | | | | | T |
| | | | | | | | | | | | | | | | | | | | | | | | | T |
| | Totals \$ | 2015 | | 467 | 10.1 | 20 | | 265 | 265 1 | 20 | 17 | | | 20 | 18 | | | 20 | 19 | | | 200 | 20 | _ |
| Activity | Totals \$ 2,001 13,260 | | 465 | 465 | 10 | 265 3,315 | 265 3,315 | 265 3,315 | 265 3,315 | | | | | 20 | | | | | | | | | 20 | |
| Activity | Totals \$ 2,001 | I | | Total = | 10 | 265 3,315 | 265 | 3,315 Total = | | | FY 17/18 | 3 Total = | | 20 | FY 18/19 | Total = | | | FY 19/20 | Total = | | 20: | 20 | |
| Activity truction TOTAL | Totals \$ 2,001 13,260 . 15,261 | I F | FY 15/16 | Total = | | 265 3,315 | 265 3,315 FY 16/17 | 3,315 Total = | | | FY 17/18 | Total = | ation Rate | - | | Total = | FY 2017 2.5% | - | | Total = | FY 2019 2.5% | | FY 2020 2.5% | 0 |
| Activity ruction TOTAL | Totals \$ 2,001 13,260 15,261 d (in thousan Totals \$ | I F | FY 15/16 Encumber | Total = red = ion Rate = | | 265 3,315 4,520 | 265 3,315 FY 16/17 Encumber | 3,315 Total = ed = | 3,315 | | FY 17/18 | | ation Rate | - s = | FY 18/19 | Total = | | - | FY 19/20 FY 2018 2.5% | Total = | | | FY 2020 2.5% | 0 |
| TOTAL Flow Inflate Activity | Totals \$ 2,001 13,260 15,261 d (in thousan Totals \$ 2,034 | I I | FY 15/16 Encumber | Total = red = | | 265 3,315 4,520 20 272 | 265 3,315 FY 16/17 Encumber | 3,315 Total = ed = | 3,315 | 10,741 | FY 17/18 | | ation Rate | - s = | FY 18/19 FY 2016 2.7% | Total = | | - | FY 19/20 FY 2018 2.5% | Total = | | - | FY 2020 2.5% | |
| Activity TOTAL Flow Inflate Activity | Totals \$ 2,001 13,260 15,261 d (in thousan Totals \$ | I I | FY 15/16 Encumber | Total = red = ion Rate = | 2.5% | 265 3,315 4,520 | 265 3,315 FY 16/17 Encumber | 3,315 Total = ed = | 3,315 | 10,741 | FY 17/18 | | | - s = | FY 18/19 FY 2016 2.7% | Total = | | - | FY 19/20 FY 2018 2.5% | Total = | | - | FY 2020 2.5% | 0 |
| TOTAI Flow Inflate Activity ruction | Totals \$ 2,001 13,260 15,261 d (in thousan Totals \$ 2,034 13,622 | B 2015 | 465 FY 15/16 Encumber Base Inflat 5 468 - | Total = red = cion Rate = 468 | 2.5% | 265 3,315 4,520 20 272 3,405 | 265 3,315 FY 16/17 Encumber | 3,315 Total = ed = 272 3,405 | 3,315 | 200 | FY 17/18 | Const. Infla | - | s = 20 | FY 18/19 FY 2016 2.7% | - - | 2.5% | 20 | FY 19/20 FY 2018 2.5% | | | 20: | FY 2020 2.5% | 0 |
| Activity | Totals \$ 2,001 13,260 15,261 d (in thousan Totals \$ 2,034 13,622 | B 2015 | FY 15/16 Encumber | Total = red = 468 -Total = | 2.5% | 265 3,315 4,520 20 272 3,405 | 265 3,315 FY 16/17 Encumber | 3,315 Total = ed = 272 3,405 Total = | 3,315 | 200 | FY 17/18 | Const. Infla | - | s = 20 | FY 18/19 FY 2016 2.7% | - - | 2.5% | 20 | FY 19/20 FY 2018 2.5% | | | 20: | FY 2020 2.5% | 0 |

30

Remarks. EAL includes design, bludning and construction engineering & inspection.

Estimated construction cost of \$13.3 m (2015\$) includes bridge replacement and widening.

| Date Originated : Last Revision : Fund Source : Length (miles) : From: | On-going 3/1/95 5/20/15 SP | | To: | • | iority : | 2 | | | | | Project N Route Nu Project C Work Des | ategory: | : | Systemwide Safe Systemwide Existing System Minor Roadway Design & Constr (Projects to be de | Improvements Projects uction | onal Improv | ement Pro | jects | | | # | - | |
|--|----------------------------|---------------|--------------------|--------------|-----------|-----|----------|---------|-----|-----|--|--------------|------------|--|------------------------------|-------------|-----------|----------|---------|---------|-----|---------|--|
| Project Schedule : | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 2015 | | | 20 | 16 | | | 20 |)17 | | | 2018 | | | 20 | 19 | | | 20: | 20 | |
| Design Construction | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in the | | : | | | | | | | | | | | | | | | | | | | | | |
| Activity | Totals \$ | | 2015 | | | 20 | 16 | | | |)17 | | | 2018 | | | 20 | 19 | | | 20 | 20 | |
| EAL | 223 | | 23 | 20 | 10 | 10 | | 20 | 10 | 10 | | 20 | 10 | 10 | 20 | 10 | 10 | | 20 | 10 | 10 | | |
| Construction | 1,586 | | 286 | | 130 | 130 | | | 130 | 130 | | | 130 | 130 | | 130 | 130 | | | 130 | 130 | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 1,809 | | FY 15/16 | Total = | | 609 | FY 16/17 | Total = | | 300 | FY 17/18 | 3 Total = | | 300 FY 1 | 8/19 Total = | | 300 | FY 19/20 | Total = | | 300 | | |
| | | | Encumber | red = | | | Encumbe | red = | | | | | | | | | | | | | | | |
| | | | | | | | | | | | • | | | | | | | | | | | | |
| | | | | | | | | | | | | | | FY 2 |)16 | FY 2017 | | FY 2018 | | FY 2019 | | FY 2020 | |
| Cash Flow Inflated | d (in thousa | nds \$) : | Base Inflat | tion Rate = | 2.5% | | | | | | | Const. Infla | tion Rates | s = 2.7 | 6 | 2.5% | | 2.5% | | 2.5% | | 2.5% | |
| Activity | Totals \$ | | 2015 | | | 20 | 16 | | | 20 |)17 | | | 2018 | | | 20 | 19 | | | 20: | 20 | |
| EAL | 223 | I | 23 | 20 | 10 | 10 | - | 20 | 10 | 10 | - | 20 | 10 | 10 | - 20 | 10 | 10 | - | 20 | 10 | 10 | | |
| EAL Construction | 1,586 | | 286 | - | 130 | 130 | - | - | 130 | 130 | - | - 1 | 130 | 120 | | 130 | 130 | - | - | 130 | 130 | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 1,809 | | FY 15/16 | Total = | | 609 | FY 16/17 | Total = | · · | 300 | FY 17/18 | 3 Total = | | 300 FY 1 | 8/19 Total = | | 300 | FY 19/20 | Total = | | 300 | | |
| - | | | Encumber | | | | Encumbe | red = | | | | | | | | | | | | | | | |
| Domarks: EAL inc | ludas dasia | n hidding and | aonstruction angir | naarina fr i | nonaction | | | | | | • | | | | | | | | | | | | |

31

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.

Includes construction of Project 417-129 (SR 417 / Landstar Pedestrian Safety Improvements). Includes terminal inlets at shoulder gutter.

FY 16-20

| Current Status : | On-going | | | | Priority: | 2 | | | | | Project Na | ame/Numbe | r· 5 | Systemwie | de Guardra | il Upgrade | | | | | | # - | |
|---------------------|--------------|-------------|--------------------|------------|----------------|---------------|-------------|-------------------|-------|-----|------------|-------------|-------------|-----------|--------------|------------|---------|-------|---------------|----|---------|-----|---------|
| | 4/1/97 | | | | 11101119 | | | _ | | | Route Nui | | _ | Systemwie | | срыше | | | | | | | |
| | 3/6/15 | | | | | | | _ | | | Project Ca | | | | ystem Imp | rovements | | | | | | | |
| Fund Source : | SP | | | | | | | _ | | | Work Des | | | | Improveme | | | | | | | | |
| Length (miles): | _ | | | | | | | _ | | | | • | | | Construction | | | | | | | | |
| From: | - | | | Го: - | | | | - - | | | | | _ | | o be detern | | | | | | | | |
| Project Schedule : | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 2015 | | | 20 | 016 | | | 20 | 17 | | | 20 | 018 | | | 2019 | | | | 202 | .0 |
| Design | | T | | | | | | | | | | | | | | | | | | | | | |
| Bidding/Construct | tion | | | | | | | | | | | | | | | | | | | | | | |
| U | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in th | ousands \$) | : | | | | | | | | | | | | | | | | | | | | | |
| Activity | Totals \$ | | 2015 | | | 20 |)16 | | | 20 | 17 | | | 20 |)18 | | | 2019 | | | | 202 | 0 |
| 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 | ļ | FY 15 | /16 Total | = | 150 | FY 16/17 | 7 Total = | | 150 | FY 17/18 | 3 Total = | | 150 | FY 18/19 | Total = | | 150 F | Y 19/20 Total | = | | 150 | |
| | | | Encun | nbered = | | | Encumbe | ered = | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | FY 2016 | | FY 2017 | FY | Y 2018 | I | FY 2019 | | FY 2020 |
| Cash Flow Inflate | d (in thousa | nds \$) : | Base Ir | flation Ra | ate = 2.5% | | | | | | | Const. Infl | ation Rates | = | 2.7% | | 2.5% | 2 | 2.5% | | 2.5% | | 2.5% |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | Totals \$ | | 2015 | | | 20 |)16 | | | 20 | 17 | | | 20 |)18 | | | 2019 | | | | 202 | 0 |
| EAL Construction | 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 | ļ | | /16 Total | = | 150 | FY 16/17 | | | 150 | FY 17/18 | Total = | | 150 | FY 18/19 | Total = | | 150 F | Y 19/20 Total | = | | 150 | |
| | | | Encun | nbered = | | | Encumbe | ered = | | | | | | | | | | | | | | | |
| Remarks: EAL inc | dudes desig | n bidding o | nd construction of | naineerina | a & inenaction | | | | | | | | | | | | | | | | | | |
| | | | nnual escalation a | | | ı total dolla | rs allocate | d per fiscal | year. | | | | | | | | | | | | | | |

| Current Status: | On-going | | | Pr | iority : | 2 | | | | | Project N | ame/Numbe | er: | Systemwi | de Drainage | e Improveme | ents | | | | # | - |
|---------------------|----------------|-----------|------------|--------------|----------|-----|----------|-------|----|-----|------------|------------|-------------|-------------|--------------|-------------|---------|-------------|-----------|----------|-----|---------|
| Date Originated: | 3/15/00 | | | _ | _ | | | | | | Route Nu | mber: | - : | Systemwie | de | | | | | | | |
| Last Revision: | 3/6/15 | | | | | | | | | | Project Ca | ategory: | Ī | Existing S | ystem Impi | rovements | | | | | | |
| Fund Source: | SP | | | | | | | | | | Work Des | scription: | Ī | Drainage l | Improveme | ents | | | | | | |
| Length (miles): | - | | | | | | | | | | | |] | Design & | Construction | on | | | | | | |
| From: | | | To: | | | | | | | | | | <u>-</u> | (Projects t | o be determ | nined) | | | | | | |
| Project Schedule : | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 2015 | | | 20 | 116 | | | 20 |)17 | | | 20 |)18 | | | 2019 | | | 202 | 20 |
| Design | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in th | , | : | 2017 | | | 200 | 4.6 | | | 200 | \. | | | 200 | 240 | | | 2010 | | | 201 | |
| Activity EAL | Totals \$ | | 2015 | 10 | - 1 | | 16 | 10 | 1 | 20 |)17 | 10 | - 1 | |)18 | 10 | - 1 | 2019 | 10 | | 202 | 20 |
| Construction | 100 | | | 10 | 5 65 | 5 | | 10 | 5 | 5 | | 10 | 5 | 5 | | 10 | 5 | 5 65 | 10 | | 5 | |
| Construction | 650 | | | | 65 | 65 | | | 65 | 65 | | | 65 | 65 | | | 65 | 65 | | 65 | 65 | |
| | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 750 | | FY 15/16 | T-4-1 | | 150 | FY 16/17 | T-4-1 | | 150 | FY 17/18 | 0 T-4-1 | | 150 | FY 18/19 | T-4-1 | | 150 FY 19/2 | 0 T-4-1 | <u> </u> | 150 | |
| IOTAL | /30 | ļ | | | | 130 | | | | 130 | F1 1//10 | 8 10tal = | | 130 | F1 16/19 | Total = | | 130 F1 19/2 | U Total = | | 130 | |
| | | | Encumbe | ered = | | | Encumber | red = | | |] | | | | | | | | | | | |
| | | | | | | | | | | | | | | | FY 2016 | | FY 2017 | FY 2018 | 3 | FY 2019 | | FY 2020 |
| Cash Flow Inflate | d (in thousa | nds \$) · | Rase Infla | tion Rate = | 2.5% | | | | | | | Const Infl | ation Rates | _ | 2.7% | | 2.5% | 2.5% | | 2.5% | | 2.5% |
| Cush I low Inflate | a (iii tiiousa | πασ ψ) . | Base IIIIa | ition Rate – | 2.370 | | | | | | | Const. Inn | ation Rates | _ | 2.770 | | 2.570 | 2.570 | | 2.370 | | 2.570 |
| Activity | Totals \$ | | 2015 | | | 20 | 16 | | | 20 |)17 | | | 20 |)18 | | | 2019 | | | 202 | 20 |
| EAL | 100 | | - | 10 | 5 | 5 | - | 10 | 5 | 5 | - | 10 | 5 | 5 | - | 10 | 5 | 5 - | 10 | 5 | 5 | |
| Construction | 650 | | - | - | 65 | 65 | - | - | 65 | 65 | - | - | 65 | 65 | - | - | 65 | 65 - | - | 65 | 65 | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 750 | | FY 15/16 | | | 150 | FY 16/17 | | | 150 | FY 17/18 | 8 Total = | | 150 | FY 18/19 | Total = | | 150 FY 19/2 | 0 Total = | | 150 | |
| | | | Encumbe | ered = | | | Encumbe | red = | | |] | | | | | | | | | | | |

33

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.

| | | | | | | | | | | | • | | | | | | | | | | | | | | |
|----------------------|-----------------|-----------|----------|-------------|----------------------|---------|------------|----------|---------|-------|-----|-----------|-------------|------------|-------------|-----------------|------------|-----------------|-----|-----------------|-----------|-----------------|-----|-----------------|--|
| Current Status: | On-going | | | | Prie | ority : | 2 | | | | | Project N | lame/Numbe | r: | Systemwi | de Roadwa | y Lighting | | | | | | # | - | |
| Date Originated: | | | | | • | | | | | | | Route Nu | ımber : | | Systemwi | | | | | | | | | | |
| | 3/6/15 | | | | | | | | _ | | | Project C | | | | system Imp | | | | | | | | | |
| | SP | | | | | | | | _ | | | Work De | scription: | | | Rehabilitati | | | | | | | | | |
| Length (miles): | | | | | | | | | _ | | | | | | | Constructi | | | | | | | | | |
| From: | | | | To: | - | | | | - | | | | | | (Projects t | o be deterr | nined) | | | | | | | | |
| Project Schedule : | | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 20 |)15 | | | 20 | 016 | | | 20 | 17 | | | 20 |)18 | | | 20 | 19 | | | 20 | 20 | |
| Design | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in the | , in the second | : | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | Totals \$ | | 20 |)15 | | | | 16 | | | | 17 | | | |)18 | | | 20 | 19 | | | 20 | 20 | |
| 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 | | <u> </u> | FY 15/16 | Total - | | 150 | FY 16/17 | Total - | | 150 | FY 17/1 | 9 Total — | | 150 | FY 18/19 | Total - | | 150 | FY 19/20 | Total - | l l | 150 | | |
| TOTAL | / /30 | ļ | | | | | 130 | | | | 130 | F1 1//1 | 8 10tal = | | 130 | F1 10/15 | Total = | | 130 | F1 19/20 | J Total = | | 130 | | |
| Cash Flow Inflated | ` | nds \$) : | | | red = tion Rate = | 2.5% | | Encumbe | red = | | | | Const. Infl | ation Rate | | FY 2016 2.7% | | FY 2017 2.5% | | FY 2018 2.5% | | FY 2019 2.5% | | FY 2020 2.5% | |
| Activity | Totals \$ | | 20 |)15 | | | | 16 | | | | 17 | | | |)18 | | | 20 | 19 | | | 20 | 20 | |
| EAL | 100 | | | - | 10 | 5 | 5 | | 10 | 5 | 5 | | 10 | 5 | 5 | | 10 | 5 | 5 | - | 10 | 5 | 5 | | |
| Construction | 650 | | | - | - | 65 | 65 | - | - | 65 | 65 | - | - | 65 | 65 | - | - | 65 | 65 | - | - | 65 | 65 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 750 | | | FY 15/16 | Total - | | 150 | FY 16/17 | Total - | | 150 | FY 17/1 | 9 Total — | | 150 | FY 18/19 | Total - | | 150 | FY 19/20 | Total - | | 150 | | |
| IOTAL | / /30 | l | | Encumber | | | 130 | Encumbe | | | 130 | 1,1 1//1 | o 10tai = | | 130 | 1.1 10/15 | Total = | | 130 | 1 1 19/20 | J 10tai = | | 130 | | |
| Remarks: EAL inc | | | | uction engi | | | otal dolla | | | year. | | l | | | | | | | | | | | | | |

| Current Status : Date Originated : | Maintenand | ce | | | Priority | ·: | 1 | | | | | Project N | Name/Number: | S | R 408 | andscape Im | | ts | | | | | | # 408-819 | |
|---------------------------------------|---------------|--------------|----------------|------------|------------------|--------------|-----------|------------|---------|---|----------|-----------|----------------|-------------|-----------|---------------|----------|---------|----|----------------|-----------|---------|--------------|-----------|----------|
| Last Revision: | 5/28/15 | | | | | | | | | | | Project C | | | | ystem Impro | ovements | | | | | | | | |
| Fund Source : | SP | | | | | | | | • | | | Work De | escription: | | andscapi | | | | | | | | | | |
| Length (miles): | 2.0 | | | | a | ., | | | | | | | | <u> P</u> | ost Insta | llation Maint | tenance | | | | | | | | |
| From: | SR 436 | | | To: | Chickasaw Trai | 11 | | | • | | | | | _ | | | | | | | | | | | |
| Project Schedule | : | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 2015 | | | | 201 | 6 | | | 2 | 017 | | | 20 |)18 | | | 20 |)19 | | | 2 | 2020 | |
| Maintenance | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in the | | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | Totals \$ | | 2015 | | | | 201 | 6 | | | 2 | 017 | | | 20 |)18 | | | 20 |)19 | | | | 2020 | • |
| Maintenance | 159 | | | 40 | 40 | 40 | 39 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | - | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | L 159 | | EV | 7 15/16 | Total - | | 150 | FY 16/17 | Total - | | <u> </u> | EV 17/1 | 8 Total = | | | FY 18/19 | Total - | | | FY 19/20 | Total - | | | | <u> </u> |
| IOIA | L 139 | | | cumber | | | | Encumber | | | | F1 1//1 | 8 10tai = | | | F1 10/19 | Total = | | | F1 19/20 |) Iotal = | | | | |
| | | | Lii | icumoci | cu – | | 137 | Lifeuilibe | icu – | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | FY 2016 | | FY 2017 | | FY 2018 | | FY 2019 |) | FY 2020 | |
| Cash Flow Inflate | ed (in thousa | nds \$) : | Bas | se Inflati | ion rate = | 2.5% | | | | | | | Const. Inflati | ion Rates : | = | 2.7% | | 2.5% | | 2.5% | | 2.5% | | 2.5% | |
| | ` | | | | | | 201 | _ | | | | 245 | | | | | | , | | | | -10 / 0 | | | |
| Activity | Totals \$ | | 2015 | 40 | 40 | 40.1 | 201 | 6 | | | 2 | 017 | | 1 | 20 |)18 | | ı | 20 |)19 | 1 | | 1 | 2020 | ı |
| Maintenance | 159 | | | 40 | 40 | 40 | 39 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | + | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | L 159 | | EV | 7 15/16 | Total – | | 150 | FY 16/17 | Total - | | 1 | EV 17/1 | 8 Total = | | | FY 18/19 | Total – | | | FY 19/20 | Total – | | | | <u> </u> |
| IOIA | 137 | J | | cumber | | | | Encumber | | | | 1 1 1//1 | 0 10tai – | | | 1 1 10/17 | ı otai – | | | 1 1 1 1 1 / 20 |) 10tai – | | | _ | |
| | | | Lii | icamoci | | | 137 | Liteumbe | 104 – | | | _ | | | | | | | | | | | | | |
| Remarks: \$1.3 mi | llion contrac | t; \$207 tho | usand remainin | g as of | 4/30/15; contrac | cts ends 4/2 | 016; \$1: | 59k in Wo | rk Plan | | | | | | | | | | | | | | | | |
| | | , | | | , | | -, | | | | | | | | | | | | | | | | | | |

| | Maintenano 6/18/14 | ce | | | Priorit | y: | 1 | | = | | | Project N | Vame/Number umber: | | R 408 / SR R 408 | R 50 Interch | ange Lan | dscape Imp | provement | s | | | i | ‡ 408-113A | |
|-------------------------|-----------------------|------------|----------------|-------------|-----------------|----------------|--------|----------|---------|---|----|--------------|-----------------------|---------------|---------------------|--------------|----------|------------|-----------|-----------|--|---------|----------|------------|----------|
| Last Revision: | 5/28/15 | | | | | | | | - | | | | Category: | | | stem Impro | vements | | | | | | | | |
| Fund Source : | SP | | | | | | | | _ | | | Work De | escription: | | andscaping | | | | | | | | | | |
| Length (miles): | | | | | | | | | - | | | | | Po | ost Installa | ation Mainte | enance | | | | | | | | |
| From: | | | | To: | - | | | | _ | | | | | | | | | | | | | | | | |
| Project Schedule | | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 201 | .5 | | | 201 | 6 | | | 20 |)17 | | | 201 | 8 | | | 20 |)19 | | | 2 | 020 | |
| Maintenance | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in th | | | | | | | | | | | | | <u> </u> | | | | | | | | | | | | |
| Activity | Totals \$ | | 201 | | | | 201 | | | | 20 |)17 | | | 201 | 8 | | 1 | 20 |)19 | | | 2 | 020 | |
| Maintenance | 50 | | | 10 | 10 | 10 | 10 | 10 | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | + | | | | | | | | | | | | |
| TOTAL | . 50 | | 1 | FY 15/16 | Total - | ļ | 40 | FY 16/17 | Total - | | 10 | FY 17/1 | ₹ Total = | | _ | FY 18/19 T | otal – | ļ | | FY 19/20 | Total - | | <u> </u> | + | <u> </u> |
| IOIAI | 2 30 | | | Encumber | | | | Encumbe | | | 10 | | o Iotai – | | - | 1 1 10/19 1 | otai – | | - | 1.1 19/20 | J Total – | | - | _ | |
| | | | L | Liteumoe | icu – | | 40 | Liteumoe | icu = | | 10 | 1 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | 1 | FY 2016 | | FY 2017 | | FY 2018 | | FY 2019 | | FY 2020 | |
| Cash Flow Inflate | d (in thousa | nds \$) : | F | Base Inflat | tion Rate = | 2.5% | | | | | | | Const. Infla | ation Rates = | | 2.7% | | 2.5% | | 2.5% | | 2.5% | | 2.5% | |
| A: | Totals \$ | , | 201 | E | | | 201 | C | | | 20 |)17 | | | 201 | O | | | 20 |)19 | | | 2 | 020 | |
| Activity Maintenance | 50 | | 201 | 10 | 10 | 10 | 10 | 10 | T - | | 20 |)1 / | | <u> </u> | 201 | 8 | | | 20 |)19 | T | | 1 | 020 | I |
| Maintenance | 30 | | | 10 | 10 | 10 | 10 | 10 | - | - | - | - | + | | - | - | - | - | - | - | - | - | - | 1 | |
| | | | | | | | | | - | | + | | | | | | | | | | | + | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | . 50 | | I | FY 15/16 | Total = | | 40 | FY 16/17 | Total = | | 10 | FY 17/1 | 8 Total = | 1 | _ | FY 18/19 T | otal = | | _ | FY 19/20 | 0 Total = | 1 | _ | | l l |
| | | <u>l</u> | | Encumber | | | | Encumbe | | | 10 | | | | 1 . | | | | | /2 | | | | _ | |
| | | | L | | | | | | | | | _ | | | | | | | | | | | | | |
| Remarks: \$210k c | ontract; \$57 | c remainin | g as of 4/30/1 | 15; contra | ct ends 8/2016; | ; \$50k in Wor | k Plan | | | | | | | | | | | | | | | | | | |
| - | | | | | | | | | | | | | | | | | | | | | | | | | |

| Last Revision : Fund Source : Length (miles) : From: | Date Originated : 6/17/14 | | | | | | | | | | | Project Nar Route Num Project Cat Work Desc | iber : egory : | <u>:</u>] | SR 417 / SR 52 SR 417 & SR 5 Existing Syster Ramp Improve ROW & Const | 28 n Improvemen ments | | | | | | # | 599-126 |
|--|-----------------------------|------------|--------------|---------------------------------------|------------|--------------|-----------------------------|--------------------------------------|------------|---|-------|--|-------------------|---------------|---|-----------------------------|-----------------|-----|-----------------|-----------|-----------------|-----|-----------------|
| | | | 20 | 1.5 | | | 20: | 1.6 | | | 201 | 17 | | | 2010 | | | 2 | 010 | | | 20 | 20 |
| | Activity 2015 | | | | | | | | | | 201 | 1 / | | 1 | 2018 | | | 1 2 | 019 | T | | 20: | 20 |
| Bidding | | | | | | | | | | | | | | | | | | | | | + | | |
| Construction | | | | | | | | | | | | | | | | | | | | | + | | |
| Right of Way | | | | | | | | | | | | | | | | | | | | | | | |
| Mitigation | | | | | | | | | | | | | | | | | | | | | + | | |
| Project Cost (in the Activity EAL Construction Right of Way Mitigation TOTAL | Totals \$ 460 5,620 600 500 | | 20 | 300 500 FY 15/16 7 Encumbers | | 150 1,873 | 20 150 1,873 5,156 | 150 1,874 FY 16/17 Encumber | | | 2,024 | 17 FY 17/18 | Total = | | 2018 - FY | 18/19 Total = | | 2 | 019 FY 19/20 |) Total = | | 20 | 20 |
| Cash Flow Inflated | d (in thousan | ds \$) : | | Base Inflati | ion Rate = | 2.5% | | R/W Inflat | ion rate = | | 8% | | Const. Infl | ation Rates | | 2016 7% | FY 2017 2.5% | | FY 2018 2.5% | | FY 2019 2.5% | | FY 2020 2.5% |
| Activity | Totals \$ | | 20 | 15 | | | 20 | 16 | | | 201 | 17 | | | 2018 | | | 2 | 019 | | | 20 | 20 |
| EAL | 468 | | | - | 10 | 153 | 153 | 153 | - | - | - | - | - | - | - | | - | - | - | - | - | - | |
| Construction | 5,735 | | | - | - | 1,911 | 1,911 | 1,912 | - | - | - | - | - | - | - | | - | - | - | - | - | - | |
| Right of Way | 600 | | | 300 | 300 | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | |
| Mitigation | 500 | | | 500 | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | |
| TOTAL | 7,303 | | | FY 15/16 | Total = | | 5,238 | FY 16/17 | Total = | | 2,065 | FY 17/18 | Total = | | - FY | 18/19 Total = | | - | FY 19/20 | Total = | | - | |
| | | | | Encumbere | ed = | | | Encumber | red = | | | | | | | | | | | | | | |
| Remarks: EAL inc | eludes biddin | g and cons | truction eng | ineering & | inspection | | | | | | | • | | | | | | | | | | | |

Estimated \$5.6 million construction (2015 \$).
Includes improvements to the Southbound SR 417 off ramp to Westbound SR 528.

| TOTAL | L 1,404 | J. | | Encumbere | | | 4 46 : | Encumbe | | | | | | | | | | | | | | | |
|---------------------|----------------|----------|---------|-----------|-------------|-------------------|--------|----------|---------|---|----|------------|--------------|--------------|-----------------|-----------|-----------------|----|-----------------|---------|-----------------|-----|-----------------|
| | 1 1 404 | 1 | F | Y 15/16 T | Γotal = | | 1,404 | FY 16/17 | | 1 | - | FY 17/18 | 8 Total = | - | FY 18/1 | 9 Total = | l l | - | FY 19/20 | Total = | 1 | - | |
| | 1 | | | | | | | | | | | | + + | | | | | | | - | | | |
| ction | 1,300 | | | 433 | 433 | 434 | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | |
| | 104 | | | 35 | 35 | 35 | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | |
| ctivity | Totals \$ | | 2015 | | | | 20 |)16 | | | 20 | 17 | | | 2018 | | | 20 | 019 | | | 202 | 20 |
| ow Inflate | ed (in thousan | ds \$) : | <u></u> | Encumbere | ed = | 2.5% | 1,404 | Encumbe | red = | | | J | Const. Infla | tion Rates = | FY 2016 2.7% | í | FY 2017 2.5% | | FY 2018 2.5% | | FY 2019 2.5% | | FY 2020 2.5% |
| TOTAL | L 1,404 | | | Y 15/16 T | | | | FY 16/17 | | | - | FY 17/18 | 8 Total = | - | FY 18/1 | 9 Total = | | - | FY 19/20 | Total = | | - | |
| | | | | | | | | | <u></u> | | | | | | | | | | | <u></u> | | | |
| | , | | | | | | | | | | | | 1 | | | | | | | | | | |
| ction | 1,300 | | | 433 | 433 | 434 | | | | 1 | | | † † | | | | | | | | † † | | |
| ivity | 10tais \$ | | 2013 | 35 | 35 | 35 | 20 | 10 | | | 1 | 11 | | | 2010 | | | | | | | 20. | 20 |
| Cost (in th | housands \$) : | | 2015 | | | | .20 | 016 | | | 20 | | | • | 2018 | | | 2) | 019 | | | 200 | 20 |
| | | | | | | | | | | | | | 1 | | | | | | | | | | |
| | | | | | | \longrightarrow | | | | | | | + | | | | | | | | | | |
| - | | | | | | | | | | | | | | | | | | | | | | | - |
| ction | | | | | | | | | | | | | | | | | | | | | | | |
| ctivity | | | 2015 | ; | | | 20 | 016 | | | 20 | 17 | | | 2018 | | | 20 | 019 | | | 200 | 20 |
| Schedule | : | | | _ | | | | | = | | | | | | | | | | | | | | |
| mmes). | - | | | To: - | - | | | | - | | | | | Constru | ZHOH | | | | | | | | |
| urce : (miles) : | SP | | | | | | | | - | | | Work Des | scription : | Constru | np Improvention | ients | | | | | | | |
| vision: | 7/9/15 | | | | | | | | - | | | Project Ca | | | System Imp | | | | | | | | |
| | | | | | | | | | _ | | | Route Nu | | SR 429 | | | | | | | | | |
| ginated: | | | | | | - | | | _ | | | | | | | | | | | | | | |

| Current Status : Date Originated : Last Revision : Fund Source : Length (miles) : From: | No Activity 5/7/15 5/21/15 SP - | | T | P: | riority : | 1 | | | | | Project N Route Nu Project Ca Work Des | ategory: | | SR 429 Existing S On Ramp | CR 535 No System Impo Improvement Construction | rovements | n Ramp Imp | provement | S | | | # | - | |
|--|---|-----------------|---------|--------------|-----------|-----------------------|--------------------------------------|-------|---|-------|---|------------|-------------|---------------------------------|---|-----------|-----------------|-----------|-----------------|---------|-----------------|----|-----------------|----------|
| Project Schedule : | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 2015 | | | 20 | 16 | | | 20 | 17 | | | 2 | 018 | <u> </u> | | 20 |)19 | | | 20 |)20 | |
| Design Bidding | | | | | | | | | | | | | | | | | | | | | | | | <u> </u> |
| Construction | | | | | | | | | | | | | | | | | | | | | | | | <u> </u> |
| Construction | | + | | + | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | + |
| Activity EAL Construction TOTAL | | ds \$) : | Encum | 6 Total = | | 122 1,223 1,719 | 122 1,223 FY 16/17 Encumber | | | 2,691 | 17 FY 17/18 | Const. Inf | ation Rates | - | FY 18/19 FY 2016 2.7% | | FY 2017 2.5% | - | FY 2018 2.5% | | FY 2019 2.5% | - | FY 2020 2.5% | |
| Activity | Totals \$ | | 2015 | | | 20 | 16 | | | 20 | 17 | | | 2 | 018 | | | 20 |)19 | | | 20 |)20 | |
| EAL | 753 | | 18 | 183 | 10 | 125 | 125 | 125 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Construction | 3,769 | | - | - | - 1 | 1,256 | 1,256 | 1,256 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| | | | | | | | | | | | | | | | | | | | | | | | | <u> </u> |
| TOTAL | 4,522 | | FY 15/2 | 6 Total = | | 1,758 | FY 16/17 Encumber | | | 2,763 | FY 17/18 | 8 Total = | | - | FY 18/19 | Total = | | - | FY 19/20 | Total = | | - | | |
| Remarks: EAL inc | | bidding and cor | | neering & in | spection. | | | | | | • | | | | | | | | | | | | | |

ESI 15 7/9/2015

39 FY 16-20

| Current Status : Date Originated : Last Revision : Fund Source : Length (miles) : From: | No Activity 5/7/15 5/21/15 SP - | , | | To: | | ority : _ | 1 | | | | | Project Na Route Nur Project Ca Work Des | itegory: | | SR 417 Existing S On Ramp | Curry Ford System Improvement Construction | rovements | nbound On R | amp Imp | rovements | | | # | - |
|--|---|-------------|-------------|-------------------|------------|-----------|-----|---------------------|----------|---|-----|---|-------------|-------------|---------------------------------|---|-----------|-----------------|---------|-----------------|----------|-----------------|----|-----------------|
| Activity | | | 20 | 15 | | | 20 | 16 | | | 201 | 17 | | | 21 | 018 | | | 21 |)19 | | | 20 |)20 |
| Design | | | 20 | 13 | | | 20 | 10 | | | 20. | 1 / | | | ۷. | 016 | ı | | 20 | 119 | | | 1 | 1 |
| Bidding | | | | | | | | | | | | | | | | | | | | | | | | |
| Construciton | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in the | ousands \$) : | | 20 | 15 | | | 20 | 16 | | | 201 | 17 | | | 20 | 018 | | | 20 |)19 | | | 20 |)20 |
| EAL | 216 | | | 50 | 50 | 10 | 53 | 53 | | | 20. | , | | | | | I | | | 1 | Τ | | | |
| Construction | 1,056 | | | | | | 528 | 528 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 1,272 | | | FY 15/16 | | • | 691 | FY 16/17 | | | 581 | FY 17/18 | Total = | | _ | FY 18/19 | Total = | | _ | FY 19/20 | Total = | • | _ | |
| | | | | Encumber | ed = | | | Encumbe | red = | | | | | | | | | | | | | | | _ |
| Cash Flow Inflate | d (in thousan | ds \$) : | | Base Inflati | ion Rate = | 2.5% | | | | | | | Const. Infl | ation Rates | = | FY 2016 2.7% | | FY 2017 2.5% | | FY 2018 2.5% | | FY 2019 2.5% | | FY 2020 2.5% |
| Activity | Totals \$ | | 20 | | | | 20 | | | | 201 | 17 | | | 20 | 018 | | | 20 |)19 | | | 20 |)20 |
| EAL | 219 | | | 50 | 50 | 10 | 54 | 54 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Construction | 1,085 | | | - | - | - | 542 | 542 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | | | | | - | | | | | | | | | | | 1 | | | | 1 | 1 | | | |
| TOTAL | 1.204 | | | FW 15/16/ | TD . 1 | | 707 | EX. 16/10 | m . 1 | | 505 | EX. 15/10 | T 1 | | | EW 10/10 | TD . 1 | | | EV. 10/2/ |) TD - 1 | | | |
| TOTAL | 1,304 | | | FY 15/16 Encumber | | | /0/ | FY 16/17 Encumbe | | | 597 | FY 17/18 | i Totai = | | - | FY 18/19 | 1 ota1 = | | - | FY 19/20 | 1 otal = | | - | 1 |
| Remarks: EAL inc | eludes design | , bidding a | nd construc | | | pection. | | Liicuiiibe | <u> </u> | | | | | | | | | | | | | | | |

| Last Revision: | Bidding 3/17/15 5/27/15 SP | | | | - Pri | iority : | 1 | | | | | Project N Route Nu Project Ca Work Des | ategory: | er: | Systemwi Renewal | ata Center de & Replacen ata Center | nent Projec | ts | | | | | # | 599-132 |
|---------------------|-------------------------------------|-------------|-----|------------|-------------|-----------|------------|----------|----------|---|-----|---|-------------|-------------|---------------------|--|-------------|---------|---|----------|-----------|---------|-----|---------|
| | - | | | | | | | | - | | | WOIR DC. | scription. | | Design-B | | | | | | | | | |
| From: | _ | | | To: | _ | | | | <u>.</u> | | | | | | | | | | | | | | | |
| Project Schedule : | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 201 | 5 | | | 20 | 016 | | | 20 |)17 | | | 20 |)18 | | | 2 | 019 | | | 20 | 20 |
| Bidding | | | | | | | | | | | | | | | | | | | | | | | | |
| Design-Build | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in th | ousands \$) | : | | | | | | | | | | | | | | | | | | | | | | |
| Activity | Totals \$ | | 201 | 5 | | | |)16 | | | 20 | 17 | | | 20 |)18 | | | 2 | 019 | | | 20 | 20 |
| EAL Design-Build | 340 | | | 10 | 83 | 83 | 83 | | | | | | | | | | | | | | | | | |
| Design-Build | 1,500 | | | | 375 | 375 | 375 | 375 | | | | | | | | | | | | | | | | |
| | - | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | ļ | | | | | | <u> </u> | | | |
| TOTAL | 1,840 | <u>l</u> | | FY 15/16 | | | 1,383 | FY 16/17 | | | 458 | FY 17/18 | 8 Total = | | - | FY 18/19 | Total = | | - | FY 19/20 | Total = | | - | |
| | | | | Encumbe | erea = | | | Encumbe | rea = | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | FY 2016 | | FY 2017 | | FY 2018 | | FY 2019 | | FY 2020 |
| Cash Flow Inflate | d (in thous: | inds \$) · | F | Rase Infla | tion Rate = | 2.5% | | | | | | | Const. Inf | lation Rate | ·s = | 2.7% | | 2.5% | | 2.5% | | 2.5% | | 2.5% |
| | | Ι | | | aron rate – | 2.570 | | | | | | | Collet. III | Tutton rute | | | | 2.570 | | | | 2.570 | • • | |
| Activity EAL | Totals \$ | | 201 | | 0.4 | 0.4 | | 016 | T | | 20 | 17 | T | | 20 |)18 | T | | 2 | 019 | T | T T | 20 | 20 |
| Design-Build | 344 | | | 10 | 84 | 84 | 84 | 84 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Design-Build | 1,520 | | | - | 380 | 380 | 380 | 380 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 1,865 | | 1 | FY 15/16 | Total = | | 1,401 | FY 16/17 | Total = | | 464 | FY 17/18 | 8 Total = | | | FY 18/19 | Total = | | _ | FY 19/20 |) Total = | 1 | _ | |
| 10111 | 1,005 | 1 | | Encumbe | | | 1,101 | Encumbe | | | 101 | 111//10 | o rour – | | | 1 1 10/17 | Total – | | | 11 17/20 | 7 10111 - | | | |
| Remarks: EAL inc | cludes desig | n, permitti | _ | | | neering & | inspection | | | | | J | | | | | | | | | | | | |

| Date Originated : Last Revision : Fund Source : | Study 5/11/15 5/11/15 SP | | | To:_ | | ority : _ | 1 | | - - - - | | | Project Na Route Nu Project Ca Work Des | itegory: | - - - | Systemwie | ystem Impr an Study | | | | | | | # : | - |
|---|--------------------------|----------|----|-------------|------------|-----------|-----|----------|------------------|---|----|--|-------------|-------------|-----------|------------------------|---------|-----------------|----|-----------------|---------|-----------------|-----|-----------------|
| Activity | | | 20 |)15 | | | 20 | 16 | | | 20 | 17 | | | 20 | 018 | | | 20 |)19 | | | 202 | 20 |
| Master Plan Study | | | 1 | 13 | | | 20 | 10 | Τ | | 20 | | | | 20 | 710 | 1 | ı | 20 | | 1 | | 202 | |
| Waster Fran Study | | | | | | | | | | | | | | | | | | t | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in the | ousands \$) : | | 20 | 115 | | | 20 | 16 | | | 20 | 17 | | | 20 | 018 | | | 20 | 019 | | | 202 | 20 |
| Master Plan Study | 400 | | 1 | 135 | 135 | 130 | 20 | 10 | | | 20 | | | | 20 | 10 | 1 | | 20 | | 1 | | 202 | |
| Transfer I fair Study | | | | 100 | 100 | 100 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 400 | | | FY 15/16 | Total = | ¥- | 400 | FY 16/17 | Total = | | - | FY 17/18 | Total = | | - | FY 18/19 | Total = | | - | FY 19/20 | Total = | + | - | ! |
| | | | | Encumber | ed = | | 270 | Encumbe | red = | | | | | | | • | | | | | | | | |
| Cash Flow Inflated | (in thousan | ds \$) : | | Base Inflat | ion Rate = | 2.5% | | | | | | | Const. Infl | ation Rates | = | FY 2016 2.7% | | FY 2017 2.5% | | FY 2018 2.5% | | FY 2019 2.5% | | FY 2020 2.5% |
| Activity | Totals \$ | | 20 |)15 | | | 20 | 16 | | | 20 | 17 | | | 20 | 018 | | | 20 |)19 | | | 202 | 20 |
| Master Plan Study | 400 | | | 135 | 135 | 130 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 400 | | | FY 15/16 | TF 4 1 | | 400 | FY 16/17 | T 1 | | | EX 17/10 | TF 4.1 | | | FY 18/19 | T 1 | | | FY 19/20 | T . 1 | | | |
| TOTAL | 400 | | | | | | | Encumbe | | | - | FY 17/18 | Total = | | - | FY 18/19 | Total = | | - | FY 19/20 | Total = | | - | |
| Remarks: | | | | Encumber | cu = | | 210 | Encumbe | ied = | | | J | | | | | | | | | | | | |

| Date Originated : | No Activit 8/7/13 3/6/15 | у | | | Pri | iority : | 1 | | | | | Project N Route Nu Project C | | | SR 528 Ri SR 528 Expansion | | Corridor (| FRI / SLR) | | | | | # | - | |
|-------------------------------|--------------------------------|-----------|----|----------------------|-------------|----------|--------|---------------------|---------|---|----|------------------------------------|-------------|------------|----------------------------------|-----------------|------------|-----------------|----|-----------------|----------|-----------------|------|-----------------|--|
| | SP - | | | To: | _ | | | | • • | | | Work De | | | Right of W | Vay | | | | | | | | | |
| Project Schedule : | | | | | | | | | • | | | | | | | | | | | | | | | | |
| Activity | | | 20 |)15 | | | 20 | 016 | | | 20 | 017 | | | 20 | 018 | | | 20 |)19 | | | 20 | 20 | |
| Right of Way | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Project Cost (in the Activity | Totals \$ | : | 20 |)15 | | | 20 | 016 | | | 20 | 017 | | | 20 | 018 | | | 20 |)19 | | | 20 | 20 | |
| Right of Way | 12,000 | | | | | 12,000 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | ļ | | | | | | | | | | | | |
| TOTAL | 12,000 | | | FY 15/16 | Total = | | 12,000 | FY 16/17 | Total = | | | FY 17/13 | 8 Total = | | | FY 18/19 | Total = | | - | FY 19/20 | Total = | | _ | | |
| | · · · · · | | | Encumber | | | | Encumbe | | | | | | | | | | | | | | | | | |
| Cash Flow Inflate | d (in thousa | nds \$) : | | Base Inflat | tion Rate = | 2.5% | | | | | | _ | Const. Infl | ation Rate | s = | FY 2016 2.7% | | FY 2017 2.5% | | FY 2018 2.5% | | FY 2019 2.5% | | FY 2020 2.5% | |
| Activity | Totals \$ | ., | |)15 | | | 20 |)16 | | | 21 | 017 | | | | 018 | | | 20 |)19 | | | 20 | 20 | |
| Right of Way | 12,000 | | 1 | - | - | 12,000 | - 20 | - | I - | - | | - | T - | - | - 20 | - | I - | - | - | - | I - | - | - 20 | 20 | |
| | , | | | | | , | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 12.000 | | | TX 15/16 | T . 1 | | 12 000 | EV 16/17 | m . 1 | | | EX 17/1 | 0.75 + 1 | | | EX. 10/10 | T 1 | | | EX. 10/20 | TD + 1 | | | | |
| TOTAL | 12,000 | | | FY 15/16 Encumber | | | 12,000 | FY 16/17 Encumbe | | | - | FY 17/1 | 8 1 otal = | | - | FY 18/19 | 1 otal = | | - | FY 19/20 | 1 otal = | | - | | |
| Remarks: | | | | Ziicumbei | | | | Ziicumbe | 104 - | | | _ | | | | | | | | | | | | | |

43

FY 16-20

| Date Originated: Last Revision: Fund Source: Length (miles): From: | 3/6/15 SP - - | ty | | To: | | iority : | 1 | | | | | Route Nu Project C | | | SR 528 Ac SR 528 Expansion Right of V | Vay | arcels | | | | | | # | - | |
|--|------------------------|------------|----|----------------------|-------------|----------|--------|---------------------|---|---|----|-----------------------|------------|--------------|--|-----------------|---------|-----------------|----|-----------------|-----------|-----------------|----|-----------------|--|
| Project Schedule | : | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 20 | 15 | | | 20 | 16 | | | 20 | 017 | | | 20 |)18 | | | 20 | 019 | | | 20 | 20 | |
| Right of Way | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in the Activity Right of Way | Totals \$ 16,000 | | 20 | FY 15/16 Encumber | | 16,000 | | FY 16/17 Encumbe | | | 2 | 017 FY 17/1 | 8 Total = | | - | FY 18/19 | Total = | | - |)19 FY 19/20 |) Total = | | - | 20 | |
| Cash Flow Inflate | ed (in thousa | ands \$) : | | | tion Rate = | 2.5% | | | | | | _ | Const. Inf | lation Rates | s = | FY 2016 2.7% | | FY 2017 2.5% | | FY 2018 2.5% | | FY 2019 2.5% | | FY 2020 2.5% | |
| Activity | Totals \$ | | 20 | 15 | | | 20 | 16 | | | 2 | 017 | | | 20 |)18 | | | 20 | 019 | | | 20 | 20 | |
| Right of Way | 16,000 | | | - | - | 16,000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | L 16,000 | | | FY 15/16 Encumber | | | 16,000 | FY 16/17 Encumbe | | | - | FY 17/1 | 8 Total = | | - | FY 18/19 | Total = | | - | FY 19/20 | Total = | | - | | |
| Remarks: | | | | | | | | | | | | | | | | | | | | | | | | | |

| | Maintenand 5/23/13 | ce | | | Priority: | 1 | | _ | | Route Nu | | SR 451 | SR 441 Landscap | e | | | | | # | 429-200E | |
|-------------------------------|-----------------------|------------|--------------------|----------|-----------------------|---------------|--------|------------|----|-----------|------------------|------------|------------------|-----------------|----|-----------------|-----------|-----------------|----|-----------------|--|
| Last Revision : | 5/28/15 | | | | | | | _ | | Project C | | Expansion | , | | | | | | | | |
| Fund Source : | SP | | | | | | | _ | | Work De | scription: | Landscap | | | | | | | | | |
| Length (miles): | | | | To: - | | | | _ | | | | Post Insta | llation Maintena | ice | | | | | | | |
| From: | | | | 10: | - | | | _ | | | | | | | | | | | | | |
| Project Schedule | : | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 2015 | | | 201 | 6 | | 20 | 17 | | 20 | 018 | | 2 | 019 | | | 20 | 20 | |
| Maintenance | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in the Activity | nousands \$) : | | 2015 | | | 201 | 6 | | 20 | 17 | | 20 | 018 | | 2/ | 019 | | | 20 | 20 | |
| Maintenance | 28 | | | 14 | 14 | | | | | <u> </u> | | 1 | | | _ | | 1 | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| TOTAI | 28 | | | | Total = | | | 17 Total = | - | FY 17/1 | 8 Total = | - | FY 18/19 Tota | .= . | - | FY 19/20 | Total = | | - | • | |
| | | • | Enc | cumber | ed = | 28 | Encumb | pered = | | | | | | | | | | | | | |
| | | | | | | | | | | | | | EV 2016 | EV 2015 | | EW 2010 | | EW 2010 | | EM 2020 | |
| Cook Elem Inflote | J (: 41 | . J. 6). | D | . TCl 4 | ion Rate = 2.5% | | | | | | Const. Inflation | Datas | FY 2016 2.7% | FY 2017 2.5% | | FY 2018 2.5% | | FY 2019 2.5% | | FY 2020 2.5% | |
| Cash Flow Inflate | a (in thousar | ius \$): | Base | mnau | ion Rate = 2.5% | | | | | | Const. Inflation | Rates = | 2.1% | 2.5% | | 2.5% | | 2.5% | | 2.5% | |
| Activity | Totals \$ | | 2015 | | | 201 | 16 | | 20 | 17 | | 20 | 018 | | 2 | 019 | | | 20 | 20 | |
| Maintenance | 28 | | | 14 | 14 - | - | - | | | - | - | | - | | - | - | - | - | - | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 28 | | | | Total = | | | 17 Total = | - | FY 17/1 | 8 Total = | | FY 18/19 Tota | = | - | FY 19/20 |) Total = | | - | | |
| | | | Enc | umber | ed = | 28 | Encumb | pered = | | l | | | | | | | | | | | |
| D #200 (1 | | ¢401 | 1-6£ 4/20/15 | F | | 01- : 3371 | 11 | | | | | | | | | | | | | | |
| Kemarks: \$308 th | ousand contr | acı; \$42K | ieit as of 4/30/15 | o; conti | act ends 10/2015; \$2 | ok iii work i | ran | | | | | | | | | | | | | | |

45

EXP 3 7/9/2015

FY 16-20

| | Installation | | Priority | | | _ | | | | me/Number : | | / SR 414 Inte | remange Ba | павсарс | | | | | 429-200F | |
|---|--|---|-------------------------|------------------------------|------------------------------|--------------------|---|---------------------------|----------------|----------------|--|-------------------------------|------------|-----------------|---|-----------|-----------------|-----|-----------------|--------------|
| | 5/29/13 | | | | | _ | | | Route Num | | | 4 & 429 | | | | | | | | |
| | 3/24/15 | | | | | _ | | | Project Cat | | | ion Projects | | | | | | | | |
| | SP | | | | | _ | | 1 | Work Desc | cription : | Landsc | | | | | | | | | |
| ngth (miles): | - | | | | | _ | | | | | Installa | tion & Mainte | enance | | | | | | | |
| om: | - | To: <u>-</u> | | | | _ | | | | | | | | | | | | | | _ |
| ject Schedule: | | | | | | | | | | | | | | | | | | | | |
| Activity | | 2015 | | | 2016 | | | 201 | 7 | | | 2018 | | | 2019 | | | 202 | 20 | |
| allation | | | | | | | | | | | | | | | | | | | | ┷ |
| tenance | | | | | | | | | | | | | | | | | | | | ┸ |
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| Activity | Totals \$ | 2015 | | | 2016 | | | 201 | 7 | | <u>, </u> | 2018 | | | 2019 | | | 200 | 20 | |
| Activity | <u> </u> | 100 1,283 FY 15/16 T | | 5 1,39 | 5 5 8 FY 16/1 | 7 Total = | 5 | 5 20 | 5 FY 17/18 | Total = | | 2018 5 FY 18/19 | Total = | | 2019 - FY 19/20 |) Total = | | - | 20 | - |
| Activity Activity allation ntenance TOTAL | Totals \$ 100 1,283 40 | 100 | Total = | 5 1,39 | 5 5 | 7 Total = | 5 | 5 | 5 | Total = | | | Total = | | |) Total = | | | 20 | - |
| Activity allation ntenance | Totals \$ 100 1,283 40 | 100 1,283 FY 15/16 T | Total = | 5 1,39 | 5 5 8 FY 16/1 | 7 Total = | 5 | 5 20 | 5 | Total = | | 5 FY 18/19 | | FY 2017 | - FY 19/20 | | FY 2019 | | | ++++ |
| Activity Ilation tenance TOTAL | Totals \$ 100 1,283 40 1,423 | 100 1,283 FY 15/16 T | Total = ed = | 5 1,39 | 5 5 8 FY 16/1 | 7 Total = | 5 | 5 20 | 5 FY 17/18 | Total = | | | | FY 2017 2.5% | | | FY 2019 2.5% | | FY 2020 2.5% | |
| Activity Illation Intenance TOTAL In Flow Inflated | Totals \$ 100 1,283 40 1,423 1 (in thousands \$): | FY 15/16 T Encumbere | Total = ed = | 5 1,35 1,35 | 5 5 8 FY 16/1 8 Encumb | 7 Total = | 5 | 5 20 20 20 | 5 FY 17/18 | | on Rates = | 5 FY 18/19 FY 2016 2.7% | | | - FY 19/20 FY 2018 2.5% | | | - | FY 2020 2.5% | |
| Activity Ilation tenance TOTAL Flow Inflated Activity | Totals \$ 100 1,283 40 1,423 1 (in thousands \$): | FY 15/16 T Encumbere Base Inflation | Total = ed = | 5 1,35 1,35 | 5 5 8 FY 16/1 | 7 Total = | 5 | 5 20 | 5 FY 17/18 | | on Rates = | 5 FY 18/19 FY 2016 | | | - FY 19/20 | | | | FY 2020 2.5% | |
| Activity Illation Intenance TOTAL Total Activity | Totals \$ 100 1,283 40 1,423 1 (in thousands \$): | 100 1,283 FY 15/16 T Encumbere Base Inflation 2015 100 | Total = ed = | 1,39 1,39 1,39 | 5 5 8 FY 16/1 8 Encumb | 7 Total = | | 5 20 20 20 | 5 FY 17/18 7 | Const. Inflati | on Rates = | 5 FY 18/19 FY 2016 2.7% | | | - FY 19/20 FY 2018 2.5% 2019 | _ | 2.5% | - | FY 2020 2.5% | |
| Activity Ilation tenance TOTAL Flow Inflated Activity Ilation | Totals \$ 100 1,283 40 1,423 1 (in thousands \$): Totals \$ 100 1,283 1,283 100 100 | Base Inflation 2015 1,283 | Fotal = bd = con Rate = | 5 1,35 1,35 1,35 | 5 5 8 FY 16/1 8 Encumb | 7 Total = ered = | | 20 20 20 - | 5 FY 17/18 ' | Const. Inflati | on Rates = | 5 FY 18/19 FY 2016 2.7% 2018 | - | 2.5% | - FY 19/20 FY 2018 2.5% 2019 | - | 2.5% | 20: | FY 2020 2.5% | |
| Activity Illation ttenance TOTAL Flow Inflated Activity | Totals \$ 100 1,283 40 1,423 1 (in thousands \$): | 100 1,283 FY 15/16 T Encumbere Base Inflation 2015 100 | Total = ed = | 5 1,35 1,35 1,35 | 5 5 8 FY 16/1 8 Encumb | 7 Total = ered = | - | 20 20 20 - | 5 FY 17/18 | Const. Inflati | on Rates = | 5 FY 18/19 FY 2016 2.7% 2018 | - | 2.5% | - FY 19/20 FY 2018 2.5% 2019 | - | 2.5% | 200 | FY 2020 2.5% | |
| Activity Illation Intenance TOTAL Total | Totals \$ 100 1,283 1 (in thousands \$): Totals \$ 100 1,283 40 1,283 40 1,283 40 1,283 100 100 1,283 100 100 1,283 100 100 1,283 100 100 1,283 100 100 1,283 100 100 1,283 100 100 1,283 100 100 1,283 100 100 100 1,283 100 100 100 100 100 100 100 100 100 10 | Base Inflation 2015 1,283 | Total = | 1,35 1,35 1,35 2.5% | 5 5 8 FY 16/1 8 Encumb | 7 Total = ered = 5 | | 20 20 20 20 5 | 5 FY 17/18 ' | Const. Inflati | on Rates = | 5 FY 18/19 FY 2016 2.7% 2018 | - | 2.5% | - FY 19/20 FY 2018 2.5% 2019 | - | 2.5% | 200 | FY 2020 2.5% | |

7/9/2015 46 FY 16-20

| Date Originated: | 5/29/13 3/11/15 SP | 1 | | To: <u>-</u> | | iority : | 2 | | - - - - | | | Route Nu Project C | ımber : ategory : | <u>.</u> 1 | SR's 414, Expansion Landscapi | 429 & 451 Projects ing | | • | nase II | | | | # | - | |
|---------------------------------------|------------------------------------|------------|----------------|----------------------|-------------|------------|-----------|----------------------|------------------|---|----|-----------------------|----------------------|---------------|-------------------------------------|------------------------------|---------|---------|----------|----------|---------|---------|-----|---------|--|
| | Route Number SR's 414, 429 & 451 | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 2015 | · · | | | 20 | 16 | ı | | 20 | 017 | | | 20 |)18 | ı | | 20 | 019 | 1 | | 20: | 20 | |
| Design | | | | | | | | | | | | | | | | | | | | | | | | | |
| Installation Maintenance | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maintenance | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity EAL Installation Maintenance | Totals \$ 248 1,650 40 | | | 58 | | 66 825 | 66 825 | 5 | | 5 | 5 | 5 | | 5 | 5 | | | | 20 | | | | 20. | 20 | |
| TOTAL | 1,938 | | | TY 15/16 Encumber | | | 1,898 | FY 16/17 Encumber | | | 20 | FY 17/1 | 8 Total = | | 20 | FY 18/19 | | FY 2017 | <u>-</u> | FY 19/20 | | FY 2019 | - | FY 2020 | |
| Cash Flow Inflate | d (in thousan | nds \$): | В | ase Inflat | ion rate = | 2.5% | | | | | | | Const. Inf | lation Rates | = | 2.7% | | 2.5% | | 2.5% | | 2.5% | | 2.5% | |
| Activity | Totals \$ | | 2015 | 5 | | | 20 | 16 | | | 20 | 017 | | | 20 |)18 | | | 2 | 019 | | | 20: | 20 | |
| EAL | 250 | | | 58 | 58 | 67 | 67 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Installation | 1,684 | | | - | - | 842 | 842 | - | - | = | - | - | - | - | = | - | - | - | - | - | - | - | - | | |
| Maintenance | 41 | | | - | - | - | - | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | - | - | - | - | - | - | - | - | | |
| TOTAL | 1,975 | | | Y 15/16 Encumber | | | 1,934 | FY 16/17 Encumbe | | | 21 | FY 17/1 | 8 Total = | | 21 | FY 18/19 | Total = | | - | FY 19/20 | Total = | | - | | |
| Remarks: EAL inc | ludes design | ı, bidding | and constructi | on engine | eering & in | ispection. | | | | | | | | | | | | | | | | | | | |

EXP 5 7/9/2015 \$1.65 million construction

47 FY 16-20

| Date Originated: Last Revision: Fund Source: Length (miles): | PD&E 4/30/10 3/26/15 SP 7.3 Challenger | Parkway | | To: | Pri SR 520 | ority : | 1 | | | | | Project Na Route Nun Project Cat Work Desc | tegory: | | SR 408 System Ex New Expre | spansion Proessway 15% Line & | ojects | | | | | | # | 408-254 |
|---|---|-----------|--------------|-----------------------|---------------|--------------|------------|--------------|-----------|--------|-----|---|-------------|-------------|----------------------------------|-------------------------------|---------|-----------------|----|-----------------|---------|-----------------|-----|-----------------|
| Activity | | | 20 |)15 | | | 20 | 16 | | | 201 | 7 | | | 20 |)18 | | | 20 |)19 | | | 20: | 20 |
| PD&E | | | 20 | 113 | | | 20 | 10 | | | 201 | . 1 | | | 20 | 110 | l | | 20 | 117 | | | 20. | 20 |
| 15% Line & Grade | | | | | | | | | | | | | | | | | | | | | | | | |
| 1570 Ellie & Grade | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in the Activity PD&E | Totals \$ 2,015 | | 20 | 015 403 | 403 | 403 | 20 403 | 16 403 | | | 201 | | | | | 018 | | | 20 |)19 | | | 20: | 20 |
| 15% Line & Grade | 1,500 | | | | | | | | | | | 375 | 375 | 375 | 375 | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 3,515 | | • | FY 15/16 | | | | FY 16/17 | | | | FY 17/18 | Total = | • | 1,500 | FY 18/19 | Total = | • | - | FY 19/20 | Total = | | - | · |
| Cash Flow Inflated | (in thousan | ds \$) : | | Encumber Base Inflat | | 2.5% | 1,612 | Encumber | red = | | 403 | | Const. Infl | ation Rates | = | FY 2016 2.7% | | FY 2017 2.5% | | FY 2018 2.5% | | FY 2019 2.5% | | FY 2020 2.5% |
| Activity | Totals \$ | | 20 |)15 | | | 20 | 16 | | | 201 | .7 | | | 20 |)18 | | | 20 |)19 | | | 20: | 20 |
| PD&E | 2,015 | | | 403 | 403 | 403 | 403 | 403 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| 15% Line & Grade | 1,587 | | | - | - | - | - | - | - | = | - | 397 | 397 | 397 | 397 | - | - | - | - | - | - | - | - | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 3,602 | | | FY 15/16 | | | | FY 16/17 | | | | FY 17/18 | Total = | | 1,587 | FY 18/19 | Total = | | - | FY 19/20 | Total = | | - | |
| | | | | Encumber | red = | | 1,612 | Encumber | ed = | | 403 | | | | | | | | | | | | | |
| Remarks: PD&E du | uration of 18 | 3 months; | 15 months in | n Work Plar | n; \$2.2 mill | ion contract | ; includes | additional 1 | 0% for PM | I fees | | | | | | | | | | | | | | |

| Current Status : Date Originated : Last Revision : Fund Source : Length (miles) : From: | Construction 7/7/11 4/21/15 SP / CF 2.3 US-441 Inter | | To: | Pr | onkan Road | 1 | | | | | Project Na Route Nu Project Ca Work Des | itegory: | - - - | Wekiva Pa SR 429 Expansion New Expr Constructi | essway | tion 1A | | | | | | # | 429-202 | |
|--|--|--------|----------|--------------|------------|--------|----------|--|-------|--------|--|-------------|-------------|--|-----------------|---------|-----------------|-----|-----------------|----------|-----------------|----|-----------------|--|
| Project Schedule : | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 2015 | | | 20 |)16 | | | 20 | 17 | | | 20 |)18 | | | 201 | 19 | | | 20 | 20 | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | | |
| Utility Relocation | | | | | | | | | | | | | | | | | | | | | | | | |
| Landscape | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in th | | | 2017 | | | | | | | 20 | | | | • | 110 | | | 201 | | | | | | |
| Activity | Totals \$ | | 2015 | 201 | 004 | | 016 | 004 | 004 | 20 | 17 | T | | 20 | 018 | ı | | 201 | 19 | 1 | | 20 | 20 | |
| EAL | 6,234 | | 891 | 891 | 891 | 891 | 891 | 891 | 891 | | | | | | | | | | | | | | | |
| Construction | 57,834 | | 8,262 | 8,262 | 8,262 | 8,262 | 8,262 | 8,262 | 8,262 | | | | | | | | | | | | | | | |
| Utility | 1,750 1,150 | | 1,750 | | | | | | | 1,150 | | | | | | | | | | | | | | |
| Landscape TOTAL | | | FY 15/16 | T-4-1 | | 20.260 | FY 16/17 | T-4-1 | | | FY 17/18 | T-4-1 | | | FY 18/19 | T-4-1 | | | FY 19/20 | T-4-1 | | | | |
| IUIAI | 00,908 | • | Encumbe | | | | Encumber | | | 27,458 | FY 1//18 | 1 otal = | | | FY 18/19 | Total = | | | FY 19/20 | 1 otai = | | - |] | |
| Cash Flow Inflate | d (in thousand | s \$): | | ation Rate = | 2.5% | 38,300 | Encumber | <u>cu – </u> | | 27,430 | | Const. Infl | ation Rates | = | FY 2016 2.7% | | FY 2017 2.5% | | FY 2018 2.5% | | FY 2019 2.5% | | FY 2020 2.5% | |
| Activity | Totals \$ | | 2015 | | | 20 |)16 | | | 20 | 17 | | | 20 |)18 | | | 201 | 19 | | | 20 |)20 | |
| EAL | 6,234 | | 891 | 891 | 891 | 891 | 891 | 891 | 891 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Construction | 57,834 | | 8,262 | 8,262 | 8,262 | 8,262 | 8,262 | 8,262 | 8,262 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Utility | 1,750 | | 1,750 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Landscape | 1,150 | | - | - | - | - | - | - | - | 1,150 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| TOTAL | 66,968 | | FY 15/16 | | | , | FY 16/17 | | | , | FY 17/18 | Total = | | - | FY 18/19 | Total = | | - | FY 19/20 | Total = | | - | | |
| | | | Encumbe | red = | | 38 360 | Encumber | ed = | | 27.458 | | | | | | | | | | | | | | |

49

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

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

Design contract \$4.7 m. Design complete. Estimated total utility relocation \$4.3 m; \$1.75 m remaining.

| Current Status: | Construction | Priority: | 1 | Project Name/Number: | Wekiva Parkway Section 1B | # 429-203 |
|------------------|----------------------|------------------------------|----------|----------------------|---------------------------|-----------|
| Date Originated: | 7/7/11 | | • | Route Number: | SR 429 | |
| Last Revision: | 5/19/15 | | | Project Category: | Expansion Projects | |
| Fund Source: | SP / CF | | <u> </u> | Work Description: | New Expressway | |
| Length (miles): | 2.3 | | | | Construction | |
| From: | North of Ponkan Road | To: North of Kelly Park Road | | | | |

Project Schedule:

| Activity | 2015 | | | | 20 | 16 | | 20 | 017 | | 20 | 18 | | 20 | 19 | | 20 | 20 | |
|--------------------|------|--|--|--|----|----|--|----|-----|--|----|----|--|----|----|--|----|----|--|
| Construction | | | | | | | | | | | | | | | | | | | |
| Utility Relocation | | | | | | | | | | | | | | | | | | | |
| Mitigation | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |

Project Cost (in thousands \$):

| Activity | Totals \$ | 20 | 15 | | | 20 | 16 | | | 2017 | | | 20 | 18 | | | 20 | 19 | | | 20 |)20 | |
|--------------------|-----------|----|----------|-----------|-------|--------|----------|---------|-------|----------|-----------|--------|----|----------|---------|---|----|----------|---------|---|----|-----|---|
| EAL | 5,955 | | 851 | 851 | 851 | 851 | 851 | 851 | 851 | | | | | | | | | | | | | | |
| Construction | 48,013 | | 6,859 | 6,859 | 6,859 | 6,859 | 6,859 | 6,859 | 6,859 | | | | | | | | | | | | | | |
| Utility Relocation | 200 | | 200 | | | | | | | | | | | | | | | | | | | | |
| Mitigation | 155 | | 155 | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 54,323 | | FY 15/10 | 6 Total = | • | 31,194 | FY 16/17 | Total = | • | 23,129 F | Y 17/18 T | otal = | - | FY 18/19 | Total = | • | - | FY 19/20 | Γotal = | • | - | | • |
| | | | Encumbe | ered = | | 31 194 | Encumbe | red = | | 23.129 | | | | | | | | | | | | _ | |

| Activity | Totals \$ | | 2015 | | | 20 | 16 | | | 20 | 17 | | | 2 | .018 | | | 20 |)19 | | | 20 | 20 | |
|--------------------|-----------|---|---------|-----------|-------|--------|----------|---------|-------|--------|----------|---------|---|---|----------|---------|---|----|----------|---------|---|----|----|--|
| EAL | 5,955 | | 851 | 851 | 851 | 851 | 851 | 851 | 851 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Construction | 48,013 | | 6,859 | 6,859 | 6,859 | 6,859 | 6,859 | 6,859 | 6,859 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Utility Relocation | 200 | | 200 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Mitigation | 155 | | 155 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| TOTAL | 54,323 | | FY 15/1 | 6 Total = | | 31,194 | FY 16/17 | Total = | | 23,129 | FY 17/18 | Total = | | - | FY 18/19 | Total = | | - | FY 19/20 | Total = | | - | | |
| · | · | • | Encumb | ered = | | 31,194 | Encumber | ed = | | 23,129 | | | | | | · | · | | · | · | · | | | |

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

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.

Design Contract \$4.6 M. Design complete.

7/9/2015 50 FY 16-20

| Date Originated: Last Revision: Fund Source: Length (miles): From: | Design 7/7/11 3/17/15 SP / CF 2.0 North of Kel | ly Park Roa | nd | To: | Pri | ority : | 1 forth to Lak | xe County I | Line | | | Project Na Route Nun Project Ca Work Desc | tegory: | | SR 429 Expansion New Expre | | | | | | | | # | 429-204 | |
|--|---|-------------|----|----------------------|-------------|---------|-------------------|----------------------|---------|-------|--------|--|-------------|-------------|----------------------------------|-----------------|---------|-----------------|----|-----------------|---------|-----------------|-----|-----------------|--|
| Project Schedule: | | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 20 | 15 | | | 20 | 16 | | | 20 | 17 | | | 20 |)18 | | | 20 |)19 | | | 202 | 20 | |
| Design | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bidding | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mitigation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Utility Relocation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in the | ousands \$) : | | 20 | 15 | | | 20 | 16 | | | 20 | 17 | | | 20 | 110 | | | 20 | 019 | | | 202 | 20 | |
| EAL | 10,852 | | 20 | 863 | 10 | 1,247 | 1,247 | 1,247 | 1,247 | 1,247 | 1,247 | 1,247 | 1,247 | 1 | 20 | 110 | l | | 20 | 717 | l | | 202 | 20 | |
| Construction | 77,568 | | | 803 | 10 | 9,696 | 9,696 | 9,696 | 9,696 | 9,696 | 9,696 | 9,696 | 9,696 | | | | | | | | | | | | |
| Mitigation | 1,000 | | | | 1.000 | 2,020 | 9,090 | 9,090 | 2,020 | 9,090 | 9,090 | 2,020 | 9,090 | | | | | | | | | | | | |
| Utility | 1,400 | | | | 1,000 | 1,400 | | | | | | | | | | | | | | | | | | | |
| TOTAL | 90,820 | | | FY 15/16 | Total = | 1,.00 | 25 160 | FY 16/17 | Total = | | 43 774 | FY 17/18 | Total = | | 21 887 | FY 18/19 | Total = | | _ | FY 19/20 | Total = | | _ | | |
| 101112 | , ,0,020 | 1 | | Encumber | | | | Encumber | | | .5,,,, | 1 1 1//10 | 10 | | 21,007 | 1110/17 | 10141 | | | 1117/20 | 101111 | | | | |
| Cash Flow Inflated | , | s \$) : | | | tion Rate = | 2.5% | | | | | | | Const. Infl | ntion Rates | | FY 2016 2.7% | | FY 2017 2.5% | | FY 2018 2.5% | | FY 2019 2.5% | | FY 2020 2.5% | |
| Activity | Totals \$ | | 20 | | | | | 16 | | | 20 | | | | 20 | 18 | | | 20 |)19 | | | 202 | 20 | |
| EAL | 11,046 | | | 868 | 10 | 1,271 | 1,271 | 1,271 | 1,271 | 1,271 | 1,271 | 1,271 | 1,271 | - | - | - | - | - | - | - | - | - | - | | |
| Construction | 79,149 | | | - | - | 9,894 | 9,894 | 9,894 | 9,894 | 9,894 | 9,894 | 9,894 | 9,894 | - | - | - | - | - | - | - | - | - | - | | |
| Mitigation | 1,000 | | | - | 1,000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Utility | 1,400 | | | - | | 1,400 | | - | | - | - | - | | - | - | - | <u></u> | - | - | - | <u></u> | - | - | | |
| TOTAL | 92,595 | J | | FY 15/16 Encumber | | | | FY 16/17 Encumber | | | 44,658 | FY 17/18 | Total = | | 22,329 | FY 18/19 | Total = | | - | FY 19/20 | Total = | | - | | |

51

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

Estimated construction cost \$77.5 M (2015\$). CEI portion of EAL includes CEI (10% construction), post design costs (~1% construction), and miscellaneous PM fees.

Design portion of EAL cost includes additional 25% on approved fee (\$6.1 M) to cover PM fees. \$1.8 M left as of February 1, 2015.

| Current Status: | Design | | | Pr | iority: | 1 | | | | | Project Na | ame/Numbe | r: W | Vekiva Pa | ırkway Sec | tion 2A | | | | | | # | 429-205 | |
|--------------------|---------------------|----|------------|-------------|-------------|-------|---------|--------|-------|--------|------------|-------------|---------------|-----------|--------------|---------|---------|----|----------|-----------|---------|----|---------|--|
| Date Originated : | 7/7/11 | | | - | | | | _ | | | Route Nu | mber: | S | R 429 | | | | | | | | | | |
| Last Revision : | 3/17/15 | | | | | | | _ | | | Project Ca | itegory: | E | xpansion | Projects | | | | | | | | | |
| Fund Source: | SP / CF | | | | | | | _ | | | Work Des | | | lew Expre | | | | | | | | | | |
| Length (miles): | 2.0 | | | | | | | _ | | | | • | | | Construction | on | | | | | | | | |
| From: | East of CR 437 | | To: | East of Mt | t. Plymouth | Road | | _ | | | | | _ | | | | | | | | | | | |
| | | | | | | | | _ | | | | | _ | | | | | | | | | | | |
| Project Schedule | : | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 2015 | | | 20 |)16 | | | 20 |)17 | | | 20 | 18 | | | 20 |)19 | | | 20 | 20 | |
| Design | | | | | | | | | | | | | | | | | | | | | | | | |
| Bidding | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | | |
| Toll Equipment | | | | | | | | | | | | | | | | | | | | | | | | |
| Utility Relocation | n | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in t | housands \$): | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | Totals \$ | | 2015 | | | 20 | 016 | | | | 017 | | | 20 | 18 | | | 20 | 19 | | | 20 | 20 | |
| EAL | 6,518 | | 85 | 85 | 10 | 1,035 | 1,035 | 1,035 | 1,035 | 1,035 | 1,164 | | | | | | | | | | | | | |
| Construction | 42,138 | | | | | 7,023 | 7,023 | 7,023 | 7,023 | 7,023 | 7,023 | | | | | | | | | | | | | |
| Toll Equipment | 1,200 | | | | | | | | | | 1,200 | | | | | | | | | | | | | |
| Utility | 1,200 | | | | | 1,200 | | | | | | | | | | | | | | | | | | |
| TOTA | L 51,056 | | FY 15/16 | | | | FY 16/1 | | | 32,231 | FY 17/18 | Total = | | 9,387 | FY 18/19 | Total = | | - | FY 19/20 |) Total = | | - | | |
| | | | Encumbe | red = | | 170 | Encumb | ered = | | |] | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | FY 2016 | | FY 2017 | | FY 2018 | | FY 2019 | | FY 2020 | |
| Cash Flow Inflate | ed (in thousands \$ |): | Base Infla | tion Rate = | 2.5% | | | | | | | Const. Infl | ation Rates = | | 2.7% | | 2.5% | | 2.5% | | 2.5% | | 2.5% | |
| Activity | Totals \$ | | 2015 | | | 2. |)16 | | | 20 | 017 | | | 20 | 18 | | | 20 |)19 | | | 20 | 20 | |

| Activity | Totals \$ | | 201 | .5 | | | 20 | 16 | | | 20 | 17 | | | 20 | 018 | | | 20 |)19 | | | 20 | 20 | |
|----------------|-----------|---|-----|----------|---------|----|-------|----------|---------|-------|--------|----------|---------|---|-------|----------|---------|---|----|----------|---------|---|----|----|--|
| EAL | 6,678 | | | 85 | 85 | 10 | 1,061 | 1,061 | 1,061 | 1,061 | 1,061 | 1,194 | - | - | - | - | - | - | - | - | - | - | - | | |
| Construction | 43,287 | | | - | - | - | 7,215 | 7,215 | 7,215 | 7,215 | 7,215 | 7,215 | - | - | - | - | - | - | - | - | - | - | - | | |
| Toll Equipment | 1,200 | | | - | - | - | - | - | - | - | - | 1,200 | - | - | - | - | - | - | - | - | - | - | - | | |
| Utility | 1,200 | | | - | - | - | 1,200 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| TOTAL | 52,365 | | 1 | FY 15/16 | Total = | | 9,656 | FY 16/17 | Total = | | 33,102 | FY 17/18 | Total = | | 9,608 | FY 18/19 | Total = | | - | FY 19/20 | Total = | | - | | |
| <u> </u> | • | _ | | Encumber | ed = | | 170 | Encumber | ed = | | | | | | | | | | | | | | | • | |

52

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

Estimated construction cost of \$42.1 M (2015\$). CEI portion of EAL includes CEI (10% construction), post design costs (~1% construction), and miscellaneous PM fees.

Design portion of EAL cost includes additional 25% on approved fee (\$2.7 M) to cover PM fees. \$228 thousand left as of March 1, 2015.

| Current Status: Date Originated: Last Revision: Fund Source: Length (miles): From: | Priginated 7/7/11 | | | | | | | | | | | Project Na Route Nun Project Ca Work Desc | nber : tegory : | - - - | SR 429 Expansion New Expre | | | | | | | | # | 429-206 | |
|--|---------------------|----------|------|------------|------------|------|--------|----------|---------|-------|--------|--|--------------------|-------------|----------------------------------|-----------------|---------|-----------------|----|-----------------|----------|-----------------|----|-----------------|----------|
| Project Schedule : | | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 2015 | 5 | | | 20 |)16 | | | 20 | 17 | | | 20 | 18 | | | 20 | 019 | | | 20 | 20 | |
| Design | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bidding | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | | | |
| Toll Equipment | | | | | | | | | | | | | | | | | | | | | | | | | |
| Utility Relocation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in th | | | | | | | _ | | | | | | | | | | | | | | | | | | |
| Activity | Totals \$ | | 2015 | | | | |)16 | | | 20 | | | | 20 | 118 | | | 20 |)19 | 1 | | 20 | 20 | |
| EAL | 8,716 | | | 700 | 700 | 10 | 1,196 | 1,196 | 1,196 | 1,196 | 1,196 | 1,326 | | | | | | | | | | | | | |
| Construction | 51,252 | . | | | | | 8,542 | 8,542 | 8,542 | 8,542 | 8,542 | 8,542 | | | | | | | | | | | | - | |
| Toll Equipment | 1,200 200 | <u> </u> | | | | | 200 | | | | | 1,200 | | | | | | | | | | | | | |
| Utility TOTAI | | | т | FY 15/16 | T-4-1 | | | FY 16/17 | T-4-1 | | 29.052 | FY 17/18 | T-4-1 | | 11.069 | FY 18/19 | T-4-1 | | | FY 19/20 | T-4-1 | | | | <u> </u> |
| IOTAL | 61,368 | 1 | | Encumber | | | | Encumbe | | | 38,932 | FY 1//18 | Total = | | 11,008 | F1 18/19 | rotai = | | | FY 19/20 | 1 otal = | | - | | |
| Cash Flow Inflate | d (in thousand | s \$): | В | ase Inflat | ion Rate = | 2.5% | | | ieu – | | | | Const. Infl | ation Rates | | FY 2016 2.7% | | FY 2017 2.5% | | FY 2018 2.5% | | FY 2019 2.5% | | FY 2020 2.5% | |
| Activity | Totals \$ | | 2015 | | | | |)16 | | | 20 | | | | 20 | 18 | | | 20 | 019 | | | 20 | 20 | |
| EAL | 8,900 | | | 700 | 700 | 10 | 1,226 | | 1,226 | 1,226 | 1,226 | 1,359 | - | - | - | - | - | - | - | - | - | - | - | | |
| Construction | 52,650 | | | - | - | - | 8,775 | 8,775 | 8,775 | 8,775 | 8,775 | 8,775 | - | - | - | - | - | - | - | - | - | - | - | | |
| Toll Equipment | 1,200 | | | - | - | - | - | - | - | - | - | 1,200 | - | - | - | - | - | - | - | - | - | - | - | | |
| Utility | 200 | | | - | - | - | 200 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| TOTAI | 62,950 | 1 | F | FY 15/16 | Total = | | 11,611 | FY 16/17 | Total = | | 40,005 | FY 17/18 | Total = | | 11,334 | FY 18/19 | Total = | | - | FY 19/20 | Total = | | - | | |

53

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

Encumbered =

Estimated construction cost of \$51.2 M (2015\$). CEI portion of EAL includes CEI (10% construction), post design costs (~1% construction), and miscellaneous PM fees.

1,400 Encumbered =

Design portion of EAL cost includes additional 25% on approved fee (\$4 M) to cover PM fees. \$549 thousand left as of January 28, 2015.

| Last Revision : Fund Source : Length (miles) : From: | 4/1/97 5/6/15 SP - US 441 | ay Acquisition | To: | East of Mt | Plymouth | 1 Road and n | orthwest to | SR 46 | |]] | Project Na Route Nur Project Ca Work Des | tegory: |] | SR 429 - W SR 429 Expansion New Expre Right of W | ssway | way (Right | of Way) | | | | | # | - | |
|---|---------------------------------------|-------------------|------------|-------------|--------------|-----------------|-------------|----------------|-------|--------|---|-------------|-------------|--|-----------|------------|----------|-------|-------------|----------|--------------|-----|---------|----------|
| Project Schedule : | | | | | | | | | | | _ | | | | | | | | | | | | | |
| Activity | | | 2015 | | | 20 | 16 | | | 201 | 17 | | | 20 | 18 | | | 20: | 19 | T | | 202 | 20 | |
| Right of Way (Sec | | | | | | | | | | | | | | | | | | | | | | | | |
| Right of Way (Sec | | | | | | | | | | | | | | | | | | | | | | | | |
| Right of Way (Sec | ction 2B) | | | | | | | | | | | | | | | | | | | | | | | |
| Right of Way (Sec | ction 2A) | | | | | | | | | | | | | | | | | | | | | | | |
| Right of Way (Sec | ction 2C) | | | | | | | | | | | | | | | | | | <u> </u> | | | | | <u> </u> |
| Project Cost (in the | ousands \$): | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | Totals \$ | | 2015 | | | 20 | 16 | | | 201 | 17 | | | 20 | 18 | | | 20: | 19 | | | 202 | 20 | |
| ROW (Sect 1A) | 11,005 | | 1,415 | 1,415 | 1,415 | 1,415 | 1,415 | 1,415 | 1,415 | 275 | 275 | 275 | 275 | | | | | | | | | | | |
| ROW (Sect 1B) | 41,883 | | 5,385 | 5,385 | 5,385 | 5,385 | 5,385 | 5,385 | 5,385 | 1,047 | 1,047 | 1,047 | 1,047 | | | | | | | | | | | |
| ROW (Sect 2B) | 21,454 | | 1,931 | 1,931 | 1,931 | 1,931 | 1,931 | 1,931 | 1,931 | 1,931 | 1,931 | 1,931 | 536 | 536 | 536 | 536 | | | | | | | | |
| ROW (Sect 2A) | 4,133 | | 413 | 413 | 413 | 413 | 413 | 413 | 413 | 413 | 413 | 104 | 104 | 104 | 104 | | | | | | | | | |
| ROW (Sect 2C) | 12,073 | | 1,207 | 1,207 | 1,207 | 1,207 | 1,207 | 1,207 | 1,207 | 1,207 | 1,207 | 302 | 302 | 303 | 303 | | | | | | | | | |
| TOTAL | 90,548 | | FY 15/16 | Total = | | 41,404 | FY 16/17 | Total = | | 35,926 | FY 17/18 | Total = | | 11,739 | FY 18/19 | Total = | | 1,479 | FY 19/20 | Total = | | - | | |
| | | | Encumbe | red = | | | Encumber | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | FY 2016 | | FY 2017 | | FY 2018 | | FY 2019 | | FY 2020 | |
| Cash Flow Inflated | d (in thousand | ds \$) : | Base Infla | tion Rate = | 2.5% | | | | | | | Const. Infl | ation Rates | = | 2.7% | | 2.5% | | 2.5% | | 2.5% | | 2.5% | |
| A 42 24 | ` T | • * | | | | 20 | 16 | | | 201 | 17 | | | 20 | 10 | | | 20: | 10 | | | 202 | 20 | |
| Activity ROW (Sect 1A) | Totals \$ 11,005 | <u> </u> | 2015 | 1,415 | 1,415 | 1,415 | 1,415 | 1 415 | 1,415 | 275 | 275 | 275 | 275 | | 18 | | <u> </u> | 20. | 19 | 1 | | 202 | 20 | |
| ROW (Sect 1A) | 41,883 | | 5,385 | 5,385 | 5,385 | 5,385 | 5,385 | 1,415 5,385 | 5,385 | 1,047 | 1,047 | 1,047 | 1,047 | - | - | - | - | | - | - | - | - | | |
| ROW (Sect 1B) | 21,454 | | 1,931 | 1,931 | 1,931 | 1,931 | 1,931 | 1,931 | 1,931 | 1,931 | 1,931 | 1,931 | 536 | 536 | 536 | 536 | - | | | - | - | | | |
| ROW (Sect 2B) | 4,133 | | 413 | 413 | 413 | 413 | 413 | 413 | 413 | 413 | 413 | 1,931 | 104 | 104 | 104 | - | - | | - | | - | | | |
| ROW (Sect 2A) | 12,073 | | 1,207 | 1,207 | 1,207 | 1,207 | 1,207 | 1,207 | 1,207 | 1,207 | 1,207 | 302 | 302 | 303 | 303 | | | | | <u> </u> | 1 - | | | |
| TOTAL | | | FY 15/16 | | 1,207 | 41,404 | FY 16/17 | | 1,207 | | FY 17/18 | | 302 | | | Total = | - | 1 470 | FY 19/20 | Total = | _ | | | |
| TOTAL | 70,548 | | Encumbe | | | +1,404 | Encumber | | | 33,740 | 1 1 1//10 | ı otal – | | 11,739 | 1 1 10/19 | ı otal – | | 1,4/9 | 1.1 19/20 | 10tai = | | - | | |
| Remarks: No infla | tion has been | ı added. Annual e | <u> </u> | | cluded in to | otal dollars | | | ar. | | | | | | | | | | | | | | | |

| Date Originated : Last Revision : Fund Source : | 4/2/15 SP - - | To: | - | iority : | 1 | | | | | Project Na Route Nur Project Ca Work Des | itegory: | S E N | R 429 expansion I lew Expres | | | | | | | | # | - | |
|---|------------------------|----------|--------------|----------|-----|---------------|---------|--|-----|---|-------------|---------------|------------------------------------|-----------------|---------|-----------------|-----|-----------------|---------|-----------------|----|-----------------|--|
| | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | 2015 | | | 20 | 16 | | | 20 | 17 | | | 201 | 18 | | | 20: | 19 | | | 20 | 20 | |
| Design | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in th | | 2015 | | | 200 | 16 | | | 20 | 17 | | | 201 | 10 | | | 201 | 10 | | | 20 | 20 | |
| Activity | Totals \$ | 2015 | | | 20 | 10 | | | | | | | 201 | 18 | | | 20: | 19 | | | 20 | 20 | |
| EAL | 491 | | | | | | | | 145 | 346 | | | | | | | | | | | | | |
| Construction | 3,200 | | | | | | | | | 3,200 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| momut | 2 404 | | | | | TTT 4 4 4 4 5 | | | | TTT 4 = 14 0 | | | 0.744 | TT 10/10 | | | | TT 10 00 | | | | | |
| TOTAL | 3,691 | FY 15/10 | | | - | FY 16/17 | | | 145 | FY 17/18 | Total = | | 3,546 | FY 18/19 | Total = | | - | FY 19/20 | Total = | | - | | |
| Cash Flow Inflated | , | | ation Rate = | 2.5% | | Encumber | ed = | | | | Const. Infl | ation Rates = | = | FY 2016 2.7% | | FY 2017 2.5% | | FY 2018 2.5% | | FY 2019 2.5% | | FY 2020 2.5% | |
| Activity | Totals \$ | 2015 | | | 20 | 16 | | | 20 | 17 | | | 201 | 18 | | | 20: | 19 | | | 20 | 20 | |
| EAL | 518 | - | - | - | - | ī | - | - | 152 | 366 | - | - | - | - | _ | - | - | - | _ | - | - | | |
| Construction | 3,391 | - | - | - | - | - | - | - | - | 3,391 | - | - | - | - | - | - | - | - | - | - | - | | |
| | - | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 3,909 | FY 15/10 | 6 Total = | | - | FY 16/17 | Total = | <u>. </u> | 152 | FY 17/18 | Total = | | 3,757 | FY 18/19 | Total = | | - | FY 19/20 | Total = | | - | | |
| 1 | | Encumbe | ered = | | - | Encumber | ed = | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |

55

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

\$1.6 M for toll gantry per section. Includes design and construction of Sections 205 and 206. Section 202 gantries included in bid for Project 429-202.

CEI portion of EAL includes CEI (10% construction) and post design costs (~1% construction).

| Date Originated : Last Revision : Fund Source : Length (miles) : | Bidding 3/1/95 6/29/15 SP - SR 408/SR | 417 | | To: | Prio | rity: | 1 | | | | | Route Projec | et Name/Numl Number : et Category : Description : | oer: | SR 408 / S Interchang Add Ram | | Resurface | se I) | | | | | # | 253F | |
|---|--|---------|--------------|----------------------|------------|-------|--------|----------------------|--|-------|--------|-----------------|--|-------------|-------------------------------------|-----------|------------|---------|----|----------|----------|---------|-----|---------|--|
| Project Schedule : | | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 201 | 5 | | | 20 | 16 | | | 20 | 17 | | | 2 | 018 | | | 20 | 019 | | | 202 | .0 | |
| Bidding Construction | | | | | | | | | | | | | | | T | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in the | ousands \$): | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | Totals \$ | | 201 | 5 | | | 20 | | | | 20 | 17 | | | 2 | 018 | | | 20 | 019 | | | 202 | .0 | |
| EAL | 3,480 | | | 10 | 496 | 496 | 496 | 496 | 496 | 496 | 496 | | | | | | | | | | | | | | |
| Construction | 34,699 | | | | 4,957 | 4,957 | 4,957 | 4,957 | 4,957 | 4,957 | 4,957 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 20.170 | | | F37 15/16 | T . 1 | | 16.260 | EW 16/17 | T . 1 | | 21.011 | EW 12 | 7/10 TC + 1 | | | EX. 10/10 |) Tr + 1 | | | EX 10/20 | T . 1 | | | | |
| TOTAL | 38,179 | | | FY 15/16 Encumber | | | 16,368 | FY 16/17 Encumber | | | 21,811 | FY I | 7/18 Total = | | - | FY 18/19 | 9 1 ota1 = | | - | FY 19/20 | 1 otal = | | - | | |
| | 1.7. 1 | 1.6 | | | | 2.50 | | Encumber | <u>cu – </u> | | | 1 | | a di Biri | | FY 2016 | | FY 2017 | | FY 2018 | | FY 2019 | | FY 2020 | |
| Cash Flow Inflated | 1 (in thousan | ds \$): | 1 | Base Inflat | ion rate = | 2.5% | | | | | | | Const. Ir | flation Rat | es = | 2.7% | | 2.5% | | 2.5% | | 2.5% | | 2.5% | |
| Activity | Totals \$ | | 201 | 5 | | | 20 | 16 | | | 20 | 17 | | | 2 | 018 | | | 20 | 019 | | | 202 | .0 | |
| EAL | 3,523 | | | 10 | 502 | 502 | 502 | 502 | 502 | 502 | 502 | | | - | - | - | - | - | - | - | - | - | - | | |
| Construction | 35,169 | | | - | 5,024 | 5,024 | 5,024 | 5,024 | 5,024 | 5,024 | 5,024 | - | | - | - | - | - | - | - | - | - | - | - | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | <u> </u> | | | | L | | | | |
| TOTAL | 38,692 | | <u> </u> | FY 15/16 Encumber | | | 16,588 | FY 16/17 Encumber | | | 22,104 | FY 17 | 7/18 Total = | | - | FY 18/19 | Total = | | - | FY 19/20 | Total = | | - | | |
| Remarks: EAL inc | | | tion enginee | | | | | | | | | | | | | | | | | | | | | | |

| | Landscape | Design | | Prio | ority: | 1 | | | | | Project Na Route Nu | ame/Numbe | _ | | Schofield R | oad Interch | nange | | | | | # | 429-305 |
|------------------------|--------------------|--------------|---------------------|----------------|---------------|-----------|----------|---------|-----|-----|------------------------|------------|-------------|------------|--------------|-------------|---------|----|----------|-----------|--|----|---------|
| | 4/12/05 5/21/15 | | | | | | | | | | | | | SR 429 | - D: | | | | | | | | |
| Fund Source : | SP SP | | | | | | | | | | Project Ca | | _ | Interchang | , , | | | | | | | | |
| | | | | | | | | | | | Work Des | cription: | | Landscapi | | 14. | | | | | | | |
| 6 (, | | | T | | | | | | | | | | = | Design, In | stallation & | z Maintena | ince | | | | | | |
| From: | | | To: | : <u>-</u> | | | | | | | | | - | | | | | | | | | | |
| Project Schedule : | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 2015 | | | 20 | 16 | | | 20 |)17 | | | 20 | 18 | | | 20 | 019 | | | 20 | 20 |
| Design Installation | | | | | | | | | | | | | | | | | | | | | | | |
| Installation | | | | | | | | | | | | | | | | | | | | | | | |
| Maintenance | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | i i | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in th | ousands \$) | : | | | | | | | | | | | | | | | | | | | | | |
| Activity | Totals \$ | | 2015 | | | 20 | 16 | | | 20 |)17 | | | 20 | 18 | | | 20 |)19 | | | 20 | 20 |
| EAL | 53 | | 12 | 13 | 28 | | | | | | | | | | | | | | | | | | |
| Installation | 350 | | | i i | 350 | | | | | | | | | | | | | | | | | | |
| Maintenance | 40 | | | i i | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | | | | | | | | | |
| | | | | i i | | | | | | | | | | | | | | | | | | | |
| TOTAL | 443 | • | FY 15/16 | 5 Total = | | 408 | FY 16/17 | Total = | * | 20 | FY 17/18 | Total = | • | 15 | FY 18/19 | Total = | • | - | FY 19/20 |) Total = | | - | |
| | | | Encumbe | ered = | | | Encumbe | red = | | | | | | U | U | | | | | | | | |
| | | | | | | | l . | | | | _ | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | FY 2016 | | FY 2017 | | FY 2018 | | FY 2019 | | FY 2020 |
| Cash Flow Inflate | d (in thousa | nds \$): | Base Infla | ation Rate = | 2.5% | | | | | | | Const. Inf | ation Rates | = | 2.7% | | 2.5% | | 2.5% | | 2.5% | | 2.5% |
| Activity | Totals \$ | | 2015 | | | 20 | 16 | | | 20 | 017 | | | 20 | 18 | | | 21 | 019 | | | 20 | 20 |
| EAI | 54 | 1 | 12 | 13 | 29 | 20 | - | _ | _ | 20 |)1 / | l <u>-</u> | | 20 | - | _ | | | 119 | 1 - | _ | 20 | 20 |
| EAL Installation | 357 | | - 12 | 13 | 357 | | | _ | _ | | _ | _ | _ | | | | | _ | _ | | | _ | |
| Maintenance | 41 | | | _ | 331 | - 5 | - 5 | 5 | - 5 | - 5 | - 5 | - 5 | - 5 | - | | | | | | _ | | - | |
| Waintenance | 41 | | | + - + | - | 3 | 3 | 3 | 3 | | 3 | 3 | J | - | - | - | - | - | - | - | - | - | |
| TOTAL | 452 | l l | FY 15/16 | Total — | | 116 | FY 16/17 | Total - | | 21 | FY 17/18 | Total - | | 15 | FY 18/19 | Total - | l | | FY 19/20 | Total - | | | |
| IOTAL | 432 | | Encumbe | | | 410 | Encumbe | | | 21 | F1 1//10 | 10tai = | | 13 | F1 16/19 | Total = | | | F1 19/20 |) 10tai = | | - | |
| | | | Encumbe | cieu = | | | Lincumbe | icu = | | | J | | | | | | | | | | | | |
| Remarks: EAL inc | ludes desig | n nermittino | bidding and cons | truction engi | neering&i | nspection | | | | | | | | | | | | | | | | | |
| Kemarks. Erit IIIC | rades desig | ii, perimung | ,, ordanig and cons | a action engli | incoming of i | порессион | • | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |

| Current Status : | Construction | 1 | | | Pr | riority : | 1 | | | | Project Na | me/Numbe | r: | SR 417 / I | Boggy Cre | ek Road Int | erchange (F | hase III) | | | # | 417-301C | |
|--------------------|--------------|---|---|-----|-----|-----------|----|-----|---|----|------------|----------|----|------------|-------------|-------------|-------------|-----------|----|--|----|----------|--|
| Date Originated: | 9/18/12 | | | | _ | - | | | _ | | Route Nu | nber : | | SR 417 | | | | | | | | | |
| Last Revision : | 5/28/15 | | | | | | | | _ | | Project Ca | tegory: | | Interchang | ge Projects | | | | | | | | |
| Fund Source : | SP | | | | | | | | | | Work Des | | | Modify In | terchange | & Landsca | ping | | | | | | |
| Length (miles): | - | | | | | | | | _ | | | | | Constructi | ion & Land | lscape | | | | | | | |
| From: | - | | | To: | : - | | | | | | | | | | | | | | | | | | |
| Project Schedule : | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 2 | 015 | | | 20 | 016 | | 20 |)17 | | | 20 | 018 | | | 20 | 19 | | 20 | 20 | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | |
| Landscape Design | | | | | | | | | | | | | | | | | | | | | | | |
| Landscape Installa | ition | | | | | | | | | | | | | | | | | | | | | | |
| Landscape Mainte | nance | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | i i | | | | | | | | | | | |

Project Cost (in thousands \$):

| Activity | Totals \$ | 20 |)15 | | | 20 |)16 | | 20 | 17 | | | 20 |)18 | | | 20 |)19 | 202 | 20 | |
|------------------|-----------|----|----------|---------|-----|--------|------------------|-----|----|----------|---------|---|----|----------|---------|---|----|------------------|-----|----|--|
| EAL | 899 | | 420 | 419 | 60 | | | | | | | | | | | | | | | | |
| Construction | 9,746 | | 4,873 | 4,873 | | | | | | | | | | | | | | | | | |
| Landscape Inst. | 750 | | | | 750 | | | | | | | | | | | | | | | | |
| Landscape Maint. | 40 | | | | | 5 | 5 | 5 5 | 5 | 5 | 5 | 5 | | | | | | | | | |
| TOTAL | 11,435 | | FY 15/16 | Total = | | 11,400 | FY 16/17 Total = | - | 20 | FY 17/18 | Total = | | 15 | FY 18/19 | Total = | • | - | FY 19/20 Total = | - | • | |
| | | | Encumber | red = | | 10,532 | Encumbered = | | | | | | | | | | | | | | |

| Activity | Totals \$ | 20 |)15 | | | 20 | 16 | | | 20 | 17 | | | 20 |)18 | | | 20 |)19 | | | 20 | 20 | |
|------------------|-----------|----|----------|---------|----|--------|----------|---------|---|----|----------|---------|---|----|----------|---------|---|----|----------|---------|---|----|----|--|
| EAL | 900 | | 420 | 419 | 61 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Construction | 9,746 | | 4,873 | 4,873 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Landscape Inst. | 765 | | - | 765 - | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Landscape Maint. | 41 | | - | - | - | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | - | - | - | - | - | - | - | - | - | | |
| TOTAL | 11,452 | | FY 15/16 | Total = | | 11,417 | FY 16/17 | Total = | | 21 | FY 17/18 | Total = | | 15 | FY 18/19 | Total = | | - | FY 19/20 | Total = | | - | | |
| | | | Encumbe | red = | | 10 532 | Encumbe | red = | | | | | | | | | | | | | | | | |

58

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

Construction contract amount \$71.8 million. \$13.2 million left as of April 30, 2015. \$9.7 million in Work Plan. 3% has been included in cost to complete. \$1.3 million remaining in CEI contract as of 3/31/2015.

| Current Status: | Preliminary Design | Priority: | 1 | Project Name/Number: | SR 528 / Innovation Way Interchange | # 528-313 |
|------------------|--------------------|-----------------------|---|----------------------|--|-----------|
| Date Originated: | 3/28/07 | | | Route Number: | SR 528 | |
| Last Revision: | 5/21/15 | | | Project Category: | Interchange Projects | |
| Fund Source: | SP | | | Work Description: | New Interchange | |
| Length (miles): | - | | | | Design-Build | |
| From: | Innovation Way | To: Aerospace Parkway | | | | |
| | | · | | | <u>- </u> | |

Project Schedule:

| Activity | 20 |)15 | | 20 | 16 | | 20 |)17 | | 20 | 018 | | 20 |)19 | | 20 |)20 | |
|--------------------|----|-----|--|----|----|--|----|-----|--|----|-----|--|----|-----|--|----|-----|--|
| Preliminary Design | | | | | | | | | | | | | | | | | | |
| Bid | | | | | | | | | | | | | | | | | | |
| Design-Build | | | | | | | | | | | | | | | | | | |
| Toll Equipment | | | | | | | | | | | | | | | | | | |
| Landscape | | | | | | | | | | | | | | | | | | |

Project Cost (in thousands \$):

| Activity | Totals \$ | 20 |)15 | | | 20 | 016 | | | 20 | 17 | | 20 | 18 | | 20 |)19 | | 20 |)20 | |
|----------------|-----------|----|----------|------|----|-------|----------|---------|-------|--------|----------|---------|--------|----------|---------|----|----------|---------|----|-----|---|
| EAL | 5,569 | | 85 | 85 | 10 | 898 | 898 | 898 | 898 | 898 | 898 | | | | | | | | | | |
| Design-Build | 53,886 | | | | | 8,981 | 8,981 | 8,981 | 8,981 | 8,981 | 8,981 | | | | | | | | | | |
| Toll Equipment | 700 | | | | | | | | | | 700 | | | | | | | | | | |
| Landscape | 500 | | | | | | | | | | | 500 | | | | | | | | | |
| TOTAL | 60,655 | | , | | | | FY 16/17 | Total = | | 39,516 | FY 17/18 | Total = | 11,079 | FY 18/19 | Total = | - | FY 19/20 | Total = | - | | • |
| | | | Encumber | ed = | | 170 | Encumbe | red = | | | | | | | | | | | | _ | |

| Activity | Totals \$ | | 201 | 15 | | | 20 | 16 | | | 20 | 17 | | | 20 |)18 | | | 20 | 19 | | | 202 | 20 | |
|----------------|-----------|---|------------------|----------|------|----|--------|----------|---------|-------|--------|----------|---------|---|--------|----------|---------|---|----|----------|---------|---|-----|----|---|
| EAL | 5,705 | | | 85 | 85 | 10 | 921 | 921 | 921 | 921 | 921 | 921 | - | - | - | - | - | - | - | - | - | - | - | | · |
| Design-Build | 55,356 | | | - | - | - | 9,226 | 9,226 | 9,226 | 9,226 | 9,226 | 9,226 | - | - | - | - | - | - | - | - | - | - | - | | · |
| Toll Equipment | 740 | | | | | - | - | 1 | - | - | - | 740 | - | - | - | - | - | - | - | - | - | - | - | | · |
| Landscape | 532 | | | - | - | - | - | - | - | - | - | - | 532 | - | - | - | - | - | - | - | - | - | - | | · |
| TOTAL | 62,333 | | FY 15/16 Total = | | | | 10,327 | FY 16/17 | Total = | | 40,587 | FY 17/18 | Total = | | 11,419 | FY 18/19 | Total = | | - | FY 19/20 | Total = | | - | | |
| | | - | | Encumber | ed = | | 170 | Encumbe | red = | | | | | | | | | | | | | | | | |

59

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

Design fee \$983 thousand. \$170 thousand in FY 2016, includes additional 15% to cover PM fees. Estimated construction cost \$50.4 million (2015 \$).

Design-Build includes 7% in addition to the construction costs for design during construction.

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

FY 16-20

| | On-going 8/2/13 | | | | Prio | ority: | 1 | | | | | Project Na Route Nun | | _ | SR 408 at SR 408 | I-4 Ultimat | e | | | | | | # | |
|----------------------|--------------------|----------------------------|---|----------|-------------|--------|-------|----------|---------|-----|-------|-------------------------|-------------|-------------|---------------------|-----------------|-------------|-----------------|--------|-----------------|---------|-----------------|--------|-----------------|
| U | 3/16/15 | | | | | | | | | | | Project Cat | | _ | Interchang | re Projects | | | | | | | | |
| | SP | | | | | | | | | | | Work Desc | | _ | | ge Reconstr | uction | | | | | | | |
| Length (miles): | - | | | | | | | | | | | | | _ | | | dor Consult | ant | | | | | | |
| From: | - | | | To: | - | | | | | | | | | _ | | | | | | | | | | |
| Project Schedule : | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 201 | 5 | | | 20 | 16 | | | 20 | 17 | | | 20 | 018 | | | 20 | 019 | | | 20: | 20 |
| Corridor Consultar | nt | | | | | | | | | | | | | | | | | | | | | | | |
| Contribution | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in the | | : | | | | | | - | | | | | | | | | | | | | | | | |
| Activity | Totals \$ | 1 | 201 | | 265 | 265 | | | 265 | 2.5 | 20 | | 2.5 | 255 | | 18 | 2.5 | 2.5 | | 19 | 2.5 | 265 | 20: | 20 |
| Corr. Consultant | 5,300 | | 2015 2016 265 265 265 265 265 265 | | | | | | | 265 | 265 | 265 | 265 | 265 | 265 | 265 | 265 | 265 | 265 | 265 80,000 | 265 | 265 | 265 | |
| Contribution | 230,000 | | | | | | | | | | | 75,000 | | | | 75,000 | | | | 80,000 | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 235,300 | | | FY 15/16 | Total = | | 1,060 | FY 16/17 | Total = | | 1,060 | FY 17/18 | Total = | | 76.060 | FY 18/19 | Total = | | 76.060 | FY 19/20 | Total = | <u> </u> | 81,060 | |
| 101712 | 233,300 | | | Encumber | | | | Encumber | | | 1,060 | 111//10 | Total – | | 70,000 | 11 10/17 | Total – | | 70,000 | 11 15/20 | Total – | | 01,000 | |
| Cash Flow Inflated | ` | nds \$) : | | | tion Rate = | 2.5% | · | | | | · | | Const. Infl | ation Rates | | FY 2016 2.7% | | FY 2017 2.5% | | FY 2018 2.5% | | FY 2019 2.5% | | FY 2020 2.5% |
| Activity | Totals \$ | | 201 | | | 1 | 20 | | | 1 | 20 | | | 1 | | 18 | | | | 19 | | | 20: | 20 |
| Corr. Consultant | 5,300 | | 265 265 265 265 2 | | | | | | 265 | 265 | 265 | 265 | 265 | 265 | 265 | 265 | 265 | 265 | 265 | 265 | 265 | 265 | 265 | |
| Contribution | 230,000 | | | - | - | - | - | - | - | - | - | 75,000 | - | - | - | 75,000 | - | - | - | 80,000 | - | - | - | |
| | | | | | | - | | | | | | | | | | | | | | | | | | |
| TOTAL | 235,300 | | | FY 15/16 | Total - | J | 1.060 | FY 16/17 | Total – | l. | 1,060 | FY 17/18 | Total - | J | 76.060 | FY 18/19 | Total – | | 76.060 | FY 19/20 | Total – | | 81,060 | |
| TOTAL | 233,300 | | <u> </u> | Encumber | | | | Encumber | | | 1,060 | 11 1//10 | Total – | | 70,000 | 11 10/17 | Total – | | 70,000 | 1111/20 | Total = | | 81,000 | |
| Remarks: Total co | | f \$230 m. Contract \$5 | | | | | -,0 | | | | -,0 | | | | | | | | | | | | | |

| Current Status: | Construction | Priority: | 1 | Project Name/Number: | SR 528 Airport Toll Plaza Demolition | # 528-405 |
|------------------|------------------|-------------|---|----------------------|---------------------------------------|-----------|
| Date Originated: | 4/1/96 | | | Route Number: | SR 528 | |
| Last Revision: | 5/28/15 | | | Project Category: | Toll Facilities Projects | |
| Fund Source: | SP | | | Work Description: | Demolish Existing Mainline Toll Plaza | |
| Length (miles): | 2.1 | | | | Construction | |
| From: | Boggy Creek Road | To: SR 436 | | | | |
| | | | | | | |

Project Schedule:

| Activity | 20 |)15 | | 20 |)16 | | 20 | 1 / | | 20 | 018 | | 20 |)19 | | 20 | 20 | |
|--------------|----|-----|--|----|-----|--|----|-----|--|----|-----|--|----|-----|--|----|----|--|
| Construction | | | | | | | | | | | | | | | | | | |
| Landscape | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |

Project Cost (in thousands \$):

| Activity | Totals \$ | | 20 | 15 | | | 20 | 16 | | | 2017 | | | 20 | 18 | | | 20 |)19 | | 20 | 20 | |
|--------------|-----------|---|----|----------|---------|-------|--------|----------|---------|---|-----------|------------|---|----|----------|---------|---|----|----------|---------|----|----|--|
| EAL | 1,852 | | | 463 | 463 | 463 | 463 | | | | | | | | | | | | | | | | |
| Construction | 25,836 | | | 6,459 | 6,459 | 6,459 | 6,459 | | | | | | | | | | | | | | | | |
| Landscape | 125 | | | | | | | 125 | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 27,813 | | • | FY 15/16 | Total = | - | 27,688 | FY 16/17 | Total = | 1 | 25 FY 17/ | 18 Total = | • | - | FY 18/19 | Total = | • | - | FY 19/20 | Total = | - | | |
| | | • | | Encumber | red = | | 27,688 | Encumber | red = | | | | | | | | | | | | | • | |

| Activity | Totals \$ | 20 | 15 | | | 20 | 16 | | | 20 | 17 | | | 20 | 018 | | | 20 | 19 | | | 20: | 20 | |
|--------------|-----------|----|----------|---------|-------|--------|----------|---------|---|-----|----------|---------|---|----|----------|---------|---|----|----------|---------|---|-----|----|---|
| EAL | 1,852 | | 463 | 463 | 463 | 463 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Construction | 25,836 | | 6,459 | 6,459 | 6,459 | 6,459 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Landscape | 129 | | - | - | - | - | 129 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 27,817 | | FY 15/16 | Total = | | 27,688 | FY 16/17 | Total = | | 129 | FY 17/18 | Total = | | - | FY 18/19 | Total = | | - | FY 19/20 | Total = | | - | | |
| | | | Encumber | red = | | 27,688 | Encumber | red = | · | 129 | | | | · | | · | | | | | | | | |

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.

Construction contract \$38.7 million. \$30 million remaining as of 4/30/2015. 3% has been added in cost to complete. CEI contract \$2.8 million. \$2.4 million remaining as of 3/31/2015.

7/9/2015 61 FY 16-20

| Current Status : Date Originated : Last Revision : Fund Source : Length (miles) : From: | Design Developmen 5/31/06 5/15/15 SP | nt | To: <u>-</u> | | ority: | 1 | | | | | Project Na Route Nur Project Ca Work Des | tegory: | | Systemwic Toll Facili System U _I | ties Project | s | | | | | | # | 599-902 | |
|--|---|----|--------------|---------|--------|--------|----------|----------|-------|--------|---|-------------|-------------|---|-----------------|---------|-----------------|--------|-----------------|---------|-----------------|-------|-----------------|--|
| Project Schedule : | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | 20 | 015 | | | 20 | 16 | | | 20 | 17 | | | 20 | 018 | | | 20 | 119 | | | 20 | 20 | |
| Design Developm | ent | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Swap | | | | | | | | | | | | | | | | | | | | | | | | |
| Implementation | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in the | nousands \$) : | 20 | 015 | | | 20 | 16 | | | 20 | 17 | | | 20 | 018 | | | 20 | 110 | | | 20. | 20 | |
| EAL | 6,178 | 20 | 279 | 559 | 279 | 133 | 285 | 285 | 285 | 285 | 543 | 543 | 543 | 543 | 366 | 366 | 366 | 366 | 75 | 75 | | 20. | 20 | |
| Design Dylpmt | 8,367 | | 2,789 | 2,789 | 2,789 | 133 | 263 | 263 | 263 | 203 | 343 | 343 | 343 | 343 | 300 | 300 | 300 | 300 | 13 | 13 | | | | |
| Tag Swap | 2,800 | | 2,769 | 2,789 | 2,769 | | | | | | | | | | | | | | | | | | | |
| Implementation | 50,616 | | | 2,800 | | 1,326 | 2,854 | 2,854 | 2,854 | 2,854 | 5,433 | 5,433 | 5,433 | 5,433 | 3,663 | 3,663 | 3,663 | 3,663 | 745 | 745 | | | | |
| TOTAL | | | FY 15/16 | T-4-1 | | | FY 16/17 | - | 2,634 | 12,558 | FY 17/18 | | 3,433 | | FY 18/19 | | 3,003 | | FY 19/20 | | | 1,639 | | |
| IOTAL | 07,901 | | Encumber | | | | Encumber | | | 12,558 | F1 1//16 | Total = | | 23,903 | FI 16/19 | Total = | | 10,117 | F1 19/20 | Total = | | 1,039 | | |
| | d (in thousands \$): | | Base Inflati | | 2.5% | | | <u> </u> | | | | Const. Infl | ation Rates | | FY 2016 2.7% | | FY 2017 2.5% | | FY 2018 2.5% | | FY 2019 2.5% | | FY 2020 2.5% | |
| Activity | Totals \$ | 20 | 015 | | | | 16 | | | 20 | | | | | 18 | | | | 19 | | | 20 | 20 | |
| EAL | 6,178 | | 279 | 559 | 279 | 133 | 285 | 285 | 285 | 285 | 543 | 543 | 543 | 543 | 366 | 366 | 366 | 366 | 75 | 75 | - | - | | |
| EAL Design Dvlpmt Tag Swap | 8,367 | | 2,789 | 2,789 | 2,789 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Tag Swap | 2,800 | | - | 2,800 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Implementation | 50,616 | | - | - | - | 1,326 | 2,854 | 2,854 | 2,854 | 2,854 | 5,433 | 5,433 | 5,433 | 5,433 | 3,663 | 3,663 | 3,663 | 3,663 | 745 | 745 | - | - | | |
| TOTAL | 67,961 | | FY 15/16 | Total = | | , | FY 16/17 | Total = | | 12,558 | FY 17/18 | Total = | | 23,905 | FY 18/19 | Total = | | 16,117 | FY 19/20 | Total = | | 1,639 | | |
| | | | Encumber | red = | | 13,742 | Encumber | ed = | | 12,558 | | | | | | | | | | | | | | |

62

Remarks: Includes upgrades to lane, plaza toll equipment and centralized transaction server, and upgrades to violation enforcement and image processing.

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

| Current Status : Date Originated : Last Revision : Fund Source : Length (miles) : From: | No Activity 4/29/02 2/26/15 SP | V | | То: | | iority : | 2 | | - - - - | | | Route Nu Project C | | or: | Fiber Opti Systemwich ITS Utility Ad Utility Ad | justments | (FON) Uti | lity Adjustn | nents | | | | # | 408-509 | |
|--|---|-----------|----|---------------------|------------|----------|----------|----------|------------------|---|----------|-----------------------|-------------|------------|---|-----------------|-----------|-----------------|----------|-----------------|-----------|-----------------|----------|-----------------|--|
| | • | | 20 |)15 | | | 20 |)16 | | | 2/ |)17 | | | 20 | 018 | | | 20 | 019 | | | 20 | 20 | |
| Activity FON Utility Adjust | | | 20 |)15 | | | 20 |)16 | | | 20 |)1 / | | | 20 |)18 I | | | 20 | 119 | | | 20 | 20 | |
| FON Utility Adju | stments | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in the Activity Adjustments | Totals \$ 250 | | 20 | 015 | | | 20 50 |)16 | | | 20 50 |)17 | | | 50 |)18 | | | 20 50 | 019 | | | 20 50 | 20 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 250 | | | FY 15/16 | | | 50 | FY 16/17 | | | 50 | FY 17/1 | 8 Total = | | 50 | FY 18/19 | Total = | | 50 | FY 19/20 |) Total = | | 50 | | |
| Cash Flow Inflate | | nds \$) : | | Encumbe Base Infla | | 2.5% | | Encumbe | ered = | | | J | Const. Infl | ation Rate | | FY 2016 2.7% | | FY 2017 2.5% | | FY 2018 2.5% | | FY 2019 2.5% | | FY 2020 2.5% | |
| Activity | Totals \$ | | 20 |)15 | | | |)16 | | | |)17 | | | |)18 | | | | 19 | | | 20 | 20 | |
| Adjustments | 250 | | | - | - | - | 50 | - | - | - | 50 | - | - | - | 50 | - | - | - | 50 | - | - | - | 50 | | |
| | | | | | | | | 1 | | | | | | | | 1 | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 250 | | | FY 15/16 | T-4-1 | | 50 | FY 16/17 | 7 T-4-1 | 1 | 50 | FY 17/1 | 0 T-4-1 | | 50 | FY 18/19 | T-4-1 | | 50 | FY 19/20 | T-4-1 | | 50 | | |
| TOTAL | 230 | | | Encumbe | | | 30 | Encumber | | | 30 | F1 1//1 | 8 10tai = | | 30 | F1 18/15 | 9 10tai = | | 30 | F1 19/20 |) Total = | | 50 | | |
| Remarks: Scope in | ncludes the F | | | s as needed | with proje | | | • | | | | J | | | | | | | | | | | | | |

| Current Status : Date Originated : Last Revision : Fund Source : Length (miles) : From: | On-goin 4/29/02 3/11/15 SP | 2 | | To: | - | iority : | 1 | | - - - - | | | Project N Route Nu Project Ca Work Des | ategory: | | Systemwic ITS Regional | ITS Studies de ITS Partner p Contribu | ship Proje | cts | | | | | # | - | |
|--|-------------------------------------|----------------|---|----------------------------|--------------|----------|-----------|---------------------------------|------------------|----|-----|---|--------------|------------|------------------------------|--|------------|-----------------|----|-----------------|-----------|-----------------|----|-----------------|--|
| | | | 2 | 015 | | | 20 | 16 | | | 20 | 17 | | | 20 | 210 | | | 24 | 010 | | | 20 | 20 | |
| Activity | | | 2 | 015 | | | 20 | 16 | | _ | 20 |)17 | | _ | 20 |)18 | ı | | 20 | 019 | 1 | | 20 | 20 | |
| Partnering Funds | | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| | | | _ | | | | | | | | | | | | | | | | | - | | | | | |
| | | | | | | | | | | | | | | | | | | | | 1 | + | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity Partnering Funds TOTA Cash Flow Inflated | L 30 | 000 | 2 | 015 25 FY 15/16 Encumbe | Total = | 2.5% | 20 25 100 | 16 25 FY 16/17 Encumbe | | 25 | 25 | 25 FY 17/18 | | 25 | 100 | FY 18/19 FY 2016 2.7% | | FY 2017 2.5% | - | FY 2018 2.5% | | FY 2019 2.5% | - | FY 2020 2.5% | |
| | | | - | | ition Rate = | 2.370 | 20 | 1.0 | | | 20 | 15 | Collst. IIII | ation Rate | | | | 2.570 | 2 | | | 2.570 | 20 | | |
| Activity | Totals | | 2 | 015 | 25 | 25 1 | 20 | | 1 22 | 27 | |)17 | 25 | 2.5 | |)18 | | | 20 | 019 | | | 20 | 20 | |
| Partnering Funds | 30 | 00 | + | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | - | - | - | - | - | - | - | - | | |
| | | | | | | | | | | | | | | | - | | | | | | 1 | 1 | | - | |
| | | | | | | | | | | | | | | | - | | | | | | 1 | | | | |
| TOTA | T 20 | 00 | | FY 15/16 | Total - | | 100 | FY 16/17 | Total - | | 100 | FY 17/18 | ? Total – | | 100 | FY 18/19 | Total - | | | FY 19/20 | Total - | | | J | |
| IOIA | <u>.L</u> 3 | 00 | | Encumbe | | | 100 | Encumbe | | | 100 | 1.1 1//10 | o Total – | | 100 | 11 10/15 | r Total = | | | 1.1 19/20 | 7 10tai = | | | | |
| Remarks: Funding No inflat | | dies by region | | | | | | | | | | | | | | | | | | | | | | | |

| Current Status : Date Originated : Last Revision : Fund Source : Length (miles) : From: | Design 6/27/13 4/28/15 SP | To: | • | iority : _ | 1 | | | | | Route Nu Project C | | | Systemw ITS Re-splice | work Upgrade ride Network Ph Construction | ysical Arc | hitecture | | | | | # | - | |
|--|------------------------------------|--------------------------------|----------------------|------------|------------|-----------------|---------|---|----|-----------------------|------------|-------------|-----------------------------|--|------------|-----------------|----|-----------------|---------|-----------------|----|-----------------|--|
| Project Schedule : | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | 2015 | | | 20 |)16 | | | 20 | 017 | | | 2 | 2018 | | | 20 | 19 | | | 20 | 20 | |
| Design Bidding | | | | | | | | | | | | | | | | | | | | | | | |
| Bidding | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | |
| Network Equipmen | t | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in those Activity EAL Construction Network Equipmen | Totals \$ 333 1,538 | 2015 113 325 FY 15/16 | 10 325 Total = | 105 769 | 105 769 | 016 FY 16/17 | Total = | | 21 | 017 FY 17/1 | 8 Total = | | 2 | 2018 FY 18/19 | Total = | | 20 | FY 19/20 | Total = | | 20 | 20 | |
| Cash Flow Inflated | (in thousands | \$): Base Inflat | | 2.5% | | Encumbe | red = | | | | Const. Inf | lation Rate | s = | FY 2016 2.7% | | FY 2017 2.5% | | FY 2018 2.5% | | FY 2019 2.5% | | FY 2020 2.5% | |
| Activity | Totals \$ | 2015 | | | 20 |)16 | | | 20 | 017 | | | 2 | 2018 | | | 20 | 19 | | | 20 | 20 | |
| EAL | 338 | 114 | 10 | 107 | 107 | - | - | - | - | - | T - | - | - | T - T | - | - | - | - | - | - 1 | - | | |
| Construction | 1,569 | | - | 785 | 785 | - | - | - | - | - | - | - | - | - | - | - | - | - | _ | - | - | | |
| Network Equipmen | 654 | 327 | 327 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| | | | | | | | | | | | | | | | - | | | | | | | | |
| TOTAL | 2,561 | FY 15/16 | Total = | | 2,561 | FY 16/17 | Total = | | _ | FY 17/1 | 8 Total = | | - | FY 18/19 | Total = | | | FY 19/20 | Total = | | = | | |
| | | Encumber | red = | | • | Encumbe | red = | | | | | | | • | | | | | | | • | | |

65

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

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

Network equipment includes IT and ramp switches.

| Current Status : Date Originated : | No Activity | , | | Pri | iority : | 1 | | _ | | | Project Nar Route Nun | | r: | Wekiva Pa | arkway CCT arkway | V Deploy | ment Secti | ons 1A & 1 | 1B | | | # | - | |
|---------------------------------------|--------------|-------------|-----------------------|-------------|--------------|----------|----------|--------|----|-----|--------------------------|-------------|------------|-----------|----------------------|----------|------------|------------|----------|---------|---------|----|---------|--|
| Last Revision : | 3/11/15 | | | | | | | - | | | Project Cat | | | ITS | | | | | | | | | | |
| Fund Source : | SP | | | | | | | - | | | Work Desc | | | CCTV Car | meras | | | | | | | | | |
| Length (miles): | _ | | | | | | | - | | | | • | | Design & | Constructio | n | | | | | | | | |
| From: | - | | To: | - | | | | - - | | | | | | | | | | | | | | | | |
| Project Schedule : | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 2015 | | | 20 |)16 | | | 20 |)17 | | | 20 | 18 | | | 20 | 19 | | | 20 | 20 | |
| Design Bidding Construction | | | | | | | | | | | | | | | | | | | | | | | | |
| Bidding | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in the Activity | Totals \$ | | 2015 | | | 20 |)16 | | | |)17 | | | 20 | | | | 20 | 119 | | | 20 | 20 | |
| EAL Construction | 388 | | | | | | | | 74 | 74 | 74 | 10 | 39 | | 39 | 39 | | | | | | | | |
| Construction | 1,164 | | | | | | | | | | | | 291 | 291 | 291 | 291 | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | L 1,552 |] | FY 15/16 | | | - | FY 16/17 | | | 148 | FY 17/18 | Total = | | 744 | FY 18/19 | Total = | | 660 | FY 19/20 | Total = | | - | | |
| | | | Encumbe | red = | | | Encumbe | ered = | | | | | | | FY 2016 | | FY 2017 | | FY 2018 | | FY 2019 | | FY 2020 | |
| Cash Flow Inflated | (in thousand | s \$): | Base Infla | tion Rate = | 2.5% | | | | | | | Const. Infl | ation Rate | s = | 2.7% | | 2.5% | | 2.5% | | 2.5% | | 2.5% | |
| Activity | Totals \$ | | 2015 | | | 20 |)16 | | | |)17 | | | 20 | | | | 20 | 19 | | | 20 | 20 | |
| EAL | 410 | | - | - | - | - | - | - | 77 | 77 | 77 | 11 | 42 | 42 | | 42 | - | - | - | - | - | - | | |
| Construction | 1,249 | | - | - | - | - | - | - | - | - | - | - | 312 | 312 | 312 | 312 | - | - | - | - | - | - | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | L 1,659 | | FY 15/16 | | | - | FY 16/17 | | | 155 | FY 17/18 | Total = | | 796 | FY 18/19 | Total = | | 708 | FY 19/20 | Total = | | - | | |
| | | | Encumbe | red = | | | Encumbe | ered = | | | J | | | | | | | | | | | | | |
| Remarks: EAL incl | udes design, | permitting, | bidding and construct | ion enginee | ering & insi | pection. | | | | | | | | | | | | | | | | | | |

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: | No Activity 9/11/12 4/7/15 SP | | To: | | iority : | 1 | | - - - - | | | Route Nu Project C | | r: | Wekiva Pa ITS CCTV Ca | · | oyment Secti | ons 2A, 2B | 3 & 2C | | | # | - | |
|--|--|---------|-----------------------|-------------|----------|----|----------------------|------------------|------------|------------|-----------------------|-------------|------------|-----------------------------|--|-----------------|------------|-----------------|---------|-----------------|-----|-----------------|--|
| Project Schedule: | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 2015 | | | 20 | 016 | | | 2 | 017 | | | 20 | 018 | | 20 |)19 | | | 20 | 20 | |
| Design Bidding | | | | | | | | | | | | | | | | | | | | | | | |
| Bidding | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in the | ousands \$): | | 2015 | | | 20 | 016 | | | 2 | 017 | | | 20 | 018 | | 20 |)19 | | | 20 | 20 | |
| Activity E 4 I | 542 | | 2013 | | | 20 | 10 | | | | 017 | 104 | 104 | 104 | | 5 55 | | 55 | Π | | 20 | 20 | |
| EAL Construction | 1,628 | | | | | | | | | | | 104 | 104 | 104 | | 07 407 | 407 | 407 | | | | | |
| Construction | 1,020 | | | | | | | | | | | | | | | | 107 | 107 | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAI | 2,170 | ! | FY 15/16 | Total = | | _ | FY 16/17 | Total = | | - | FY 17/1 | 8 Total = | | 312 | FY 18/19 Total = | - | 1,396 | FY 19/20 | Total = | | 462 | | |
| | | J | Encumber | | | | Encumbe | ered = | | | | | | | 1 | | | 1 | | | | ļ! | |
| Cash Flow Inflated | (in thousand: | s \$) : | Base Inflat | ion Rate = | 2.5% | | | | | | _ | Const. Infl | ation Rate | | FY 2016 2.7% | FY 2017 2.5% | | FY 2018 2.5% | | FY 2019 2.5% | | FY 2020 2.5% | |
| Activity | Totals \$ | | 2015 | | | 20 | 16 | | | 2 | 017 | | | | 018 | | |)19 | | | 20 | 20 | |
| EAL | 583 | | - | - | - | - | - | - | - | - | - | 111 | 111 | 111 | | 0 60 | 60 | 60 | - | - | - | | |
| Construction | 1,780 | | - | - | - | - | - | - | - | - | - | - | - | - | - 44 | 5 445 | 445 | 445 | - | - | - | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 2,363 | | FY 15/16 Encumber | | | - | FY 16/17 Encumber | | | - | FY 17/1 | 8 Total = | | 332 | FY 18/19 Total = | | 1,526 | FY 19/20 | Total = | | 505 | | |
| | | | idding and constructi | ion enginee | | | | | Parkway (S | ections 2A | , 2B and 2 | 2C). | | | | | | | | | | | |

| Current Status : Date Originated : Last Revision : Fund Source : Length (miles) : From: | Implementa | tion | | To: <u>-</u> | Prior | rity : | 1 | | | | | Project Na Route Nur Project Ca Work Des | tegory: | S | ystemwio TS | de nents to ITS | • | ons Perform | | sures | | | # | - | |
|---|--------------|----------|----------|------------------|-----------|-----------|-----------|----------|---------|---|----|---|-------------|---------------|----------------|-----------------|---------|-----------------|----------|-----------------|---------|-----------------|----|-----------------|----------|
| Project Schedule : Activity | | | 201 | 15 | | | 20 | 16 | | | 20 |)17 | | | 20 | 018 | | | 20 | 019 | | | 20 | 20 | |
| Implementation | | | 201 | | | | 20 | 10 | | | 20 | | | | 20 | 10 | l | | 20 | 1 | 1 | | 20 | 20 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in tho | | | | | | | - | | | | | | | | | - | | | | | | | | | |
| Activity | Totals \$ | | 201 | | 2.5 | 25 | 20 | 16 | | | 20 |)17 | I | | 20 | 018 | 1 | | 20 | 019 | 1 | | 20 | 20 | |
| EAL | 100 | | | 25 300 | 25 300 | 25 300 | 25 300 | | | | | | | | | | | | | | | | | | <u> </u> |
| Implementation | 1,200 | | | 300 | 300 | 300 | 300 | | | | | | | | | | | | | | | | | | — |
| | | | + | | | - | | | | | | | | | | | | | | | | | | | \vdash |
| TOTAL | 1,300 | <u> </u> | | FY 15/16 Total | 1 – | <u>_</u> | 1 300 | FY 16/17 | Total - | | | FY 17/18 | Total – | | | FY 18/19 | Total - | L | <u> </u> | FY 19/20 | Total – | <u> </u> | _ | | Ь— |
| 101711 | 1,500 | 1 | | Encumbered = | | | 1,500 | Encumber | | | | 1 1 1//10 | Total – | | | 1 1 10/1/ | Total – | | | 1 1 17/20 | 10111 | | | | |
| Cash Flow Inflated | (in thousand | s \$) : |] | Base Inflation R | Rate = | 2.5% | | | | | | 1 | Const. Infl | ation Rates = | = | FY 2016 2.7% | | FY 2017 2.5% | | FY 2018 2.5% | | FY 2019 2.5% | | FY 2020 2.5% | |
| Activity | Totals \$ | | 201 | 15 | | | 20 | 16 | | | 20 |)17 | | | 20 | 018 | | | 20 | 019 | | | 20 | 20 | |
| EAL | 101 | | | 25 | 25 | 25 | 25 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Implementation | 1,208 | | | 302 | 302 | 302 | 302 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | Щ. |
| | | | | | | | | | | | | | | | | | | | | | | | | | Щ_ |
| TOTAL | 1,309 |] | <u> </u> | FY 15/16 Total | | | 1,309 | FY 16/17 | | | - | FY 17/18 | Total = | | - | FY 18/19 | Total = | | - | FY 19/20 | Total = | | - | | |
| | | | | Encumbered = | | | | Encumber | red = | | | 1 | | | | | | | | | | | | | |

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.

| Current Status : Date Originated : Last Revision : Fund Source : Length (miles) : From: | No Activity 4/15/10 3/11/15 SP - | | To: | | ority: | 2 | | | | | Project Nan Route Num Project Cat Work Desc | nber: egory: | r: | Systemwi ITS Deploy De | ntal DCS and de CS and CC Construction | TV Camer | | t | | | | # | - | |
|--|--|---------------|----------------------|-------------|---------------|---------|----------|---------|-----|-------|--|-----------------|------------|------------------------------|--|----------|-----------------|----|-----------------|-----------|-----------------|----|-----------------|---|
| Project Schedule: | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 2015 | | | 20 | 016 | | | 20 |)17 | | | 20 |)18 | | | 20 |)19 | | | 20 | 20 | |
| Design Bidding | | | | | | | | | | | | | | | | | | | | | | | | |
| Bidding | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in the | | | 2015 | | | 20 | 016 | | | 20 |)17 | | | 20 |)18 | | | 20 |)19 | | | 20 |)20 | |
| Activity | Totals \$ 620 | 1 | 2015 | | <u> </u> | 115 | 115 | 10 | 95 | 95 | | 95 | | 20 |)18 | | | 20 | 119 | T | | 20 | 120 | 1 |
| EAL Construction | 2,792 | | | | | 113 | 113 | 10 | 698 | 698 | 698 | 698 | | | | | | | - | | + | | | |
| Construction | 2,192 | | | | | | | | 098 | 098 | 098 | 098 | | | | | | | | | | | | |
| | + | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAI | 3,412 | <u> </u> | FY 15/16 | Total - | | 115 | FY 16/17 | Total - | | 1 711 | FY 17/18 | Total – | | 1 586 | FY 18/19 | Total - | ļ | | FY 19/20 | Total - | | | | |
| TOTAL | 3,412 |] | Encumber | | | 113 | Encumbe | | | 1,711 | 1 1 1//10 | Total – | | 1,500 | 1 1 10/17 | Total = | | | 111/20 | 7 Iotai – | | |] | |
| Cash Flow Inflated | (in thousand | s \$) : | Base Inflat | | 2.5% | | | | | | | Const. Infl | ation Rate | es = | FY 2016 2.7% | | FY 2017 2.5% | | FY 2018 2.5% | | FY 2019 2.5% | | FY 2020 2.5% | |
| Activity | Totals \$ | | 2015 | | | 20 |)16 | | | 20 |)17 | | | 20 |)18 | | | 20 |)19 | | | 20 |)20 | |
| EAL | 643 | | - | - | - | 118 | 118 | 10 | 99 | 99 | | 99 | - | - | - | - | - | - | - | - | - | - | | |
| Construction | 2,922 | | - | - | - | - | - | - | 731 | 731 | 731 | 731 | - | - | - | - | - | - | - | - | - | - | | |
| , <u>-</u> | | | | _ | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAI | 3,565 | | FY 15/16 | | | 118 | FY 16/17 | Total = | | 1,788 | FY 17/18 | Total = | | 1,660 | FY 18/19 | Total = | | - | FY 19/20 | Total = | | - | | |
| | | | Encumber | red = | | | Encumbe | red = | | |] | | | | | | | | | | | | | |
| Remarks: EAL incl | udes design. | permitting, b | idding and construct | ion enginee | ering & inspe | ection. | | | | | | | | | | | | | | | | | | |

ITS 7

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.

7/9/2015 FY 16-20

| Current Status : | Construction | | | Pri | ority : | 1 | | | | | Project Na | ame/Numbe | r: | Wrong-W | ay Driving (| Counterme | easures | | | | | # | - | |
|----------------------|--------------------|----|------------|-------------|---------|-----|----------|-------|-----|-----|------------|-------------|-------------|----------|--------------|-----------|---------------|------------|----------|---------|----------|-----|----------|---|
| Date Originated: | 3/11/15 | | | - | - | | | - | | | Route Nu | mber: | | Systemwi | | | | | | | | | | |
| Last Revision: | 5/28/15 | | | | | | | • | | | Project Ca | ategory: | | ITS | | | | | | | | | | |
| Fund Source: | SP | | | | | | | • | | | Work Des | | • | Wrong-W | ay Driving (| Counterme | easures at se | lected ram | nps | | | | | |
| Length (miles): | - | | | | | | | - | | | | • | | | Construction | | | | • | | | | | |
| From: | - | | To: | _ | | | | - | | | | | | | | | | | | | | | | |
| Project Schedule : | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | 20 |)15 | | | 20 | 16 | | | 20 |)17 | | | 20 |)18 | | | 20 | 19 | | | 20: | 20 | |
| Design | | | | | | | | | | | | | | | | | | | | | | | | |
| Bidding | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in the | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | Totals \$ | 20 |)15 | | | | 16 | • | | |)17 | | | |)18 | | | 20 | 19 | , | | 20: | 20 | |
| EAL | 474 | | | 49 | 49 | 10 | 43 | 43 | 43 | 49 | 49 | 10 | 43 | 43 | | | | | | | | | | |
| Construction | 1,728 | | 180 | | | | 258 | 258 | 258 | | | | 258 | 258 | 258 | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTA | L 2,202 | | FY 15/16 | | | | FY 16/17 | | | 952 | FY 17/18 | 3 Total = | | 661 | FY 18/19 | Γotal = | | 301 | FY 19/20 | Total = | | - | | |
| | | | Encumbe | red = | | 180 | Encumbe | red = | | |] | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | ETT 2016 | | EX. 2015 | | | | FT. 2010 | | FT. 2020 | |
| | | | | | | | | | | | | | | | FY 2016 | | FY 2017 | | FY 2018 | | FY 2019 | | FY 2020 | |
| Cash Flow Inflated | (in thousands \$): | | Base Infla | tion Rate = | 2.5% | | | | | | | Const. Infl | ation Rates | = | 2.7% | | 2.5% | | 2.5% | | 2.5% | | 2.5% | |
| Activity | Totals \$ | 20 | 015 | | | 20 | 16 | | | 20 |)17 | | | 20 |)18 | | | 20 | 19 | | | 20: | 20 | |
| EAL | 494 | | - | 50 | 50 | 10 | 44 | 44 | 44 | 52 | 52 | 11 | 46 | 46 | | - | - | - | - | - | - | - | | |
| Construction | 1,811 | | 180 | - | - | - | 267 | 267 | 267 | - | - | - | 277 | 277 | 277 | - | - | - | - | - | - | - | | |
| | | | | | | | | | | | | | | | | | | | | | | | | , |
| | | | | | | | | | | | | | | | | | | | | | | | | , |
| TOTA | L 2,305 | | FY 15/16 | | | | FY 16/17 | | | 985 | FY 17/18 | 3 Total = | | 708 | FY 18/19 | Fotal = | | 323 | FY 19/20 | Total = | | - | | |
| | | | Encumbe | red = | | 180 | Encumbe | red = | | |] | | | | | | | | | | | | | |

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

Deploy wrong-way driving countermeasures equipment at approximately 30 ramp locations. Includes Wrong Way Detection Pilot Project (599-123), currently under construction.

| arrent Status : ate Originated : ast Revision : and Source : angth (miles) : oom: | No Activity 3/11/15 3/11/15 SP | | | То: | | ority : | 2 | | | | | Project Name Route Numb Project Categ Work Descri | oer : gory : | Connected Systemwid ITS Connected Concept | le | | | | | | | | # - | |
|---|--------------------------------|---------|-----|-----------------------------------|----------------------|---------|------|---------------------|-------|---|------|--|------------------|---|-----------------------------------|---------|-----------------|----|--|-----------|---------------|---|---------------------|---|
| oject Schedule : | | | | - | | | | | | | | | | ** | | | | | | | | | *** | |
| Activity | | I | 201 | 15 | | - | 20 | 16 | ı | | 20 |)17 | | 20 | 18 | | | 20 |)19 | 1 | | | 2020 | |
| oncept | | | | | | 1 | | | | | | | | | | | | | 1 | + | | _ | | |
| | | | + | | | + | | | | | | | | | | | | | - | + | | - | | - |
| | | | | | | - | | | | | | + + | | | | | | | | + | | + | | - |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity L | Totals \$ 50 | | 201 | 15 | | | 20 | 16 | | | 20 |)17 | | 20 | 18 25 | 25 | | 20 |)19 | | | | 2020 | |
| | | | 201 | 15 | | | 20 | 16 | | | 20 |)17 | | 20 | | 25 | | 20 |)19 | | | | 2020 | |
| | | | 201 | 15 | | | 20 | 16 | | | 20 | 017 | | 20 | | 25 | | 20 |)19 | | | | 2020 | |
| | 50 | | | | Tutal | | 20 | | Table | | 20 | | | | 25 | | | | | | | | 2020 | |
| | 50 | | | FY 15/16 | | | - | FY 16/17 | | | - | FY 17/18 To | Fotal = | | | | | |)19 FY 19/20 |) Total = | | | 2020 | |
| TOTAI | 50 50 (in thousand | \$ \$): | | FY 15/16 Encumbe | | 2.5% | - | FY 16/17 Encumbe | | | - | FY 17/18 To | onst. Inflation | - Rates = | 25 FY 18/19 FY 2016 2.7% | Total = | FY 2017 2.5% | 50 | FY 19/20 FY 2018 2.5% | | FY 20 2.59 | | - FY 202 2.5% | 0 |
| TOTAI n Flow Inflated Activity | 50 in thousand Totals \$ | s \$): | | FY 15/16 Encumbe | red = | 2.5% | - | FY 16/17 | | | - | FY 17/18 To | | - | 25 FY 18/19 FY 2016 2.7% | Total = | | 50 | FY 19/20 | | FY 20 | | - FY 202 | 0 |
| TOTAI Flow Inflated Activity | 50 50 (in thousand | s \$): | | FY 15/16 Encumbe | red = | 2.5% | - | FY 16/17 Encumbe | | - | - | FY 17/18 To | Const. Inflation | - Rates = | 25 FY 18/19 FY 2016 2.7% | Total = | | 50 | FY 19/20 FY 2018 2.5% | | FY 20 2.5% | 6 | - FY 202 2.5% | 0 |
| TOTAI Flow Inflated Activity | 50 in thousand Totals \$ | s \$): | | FY 15/16 Encumbe Base Infla | red = tion Rate = | | - 20 | FY 16/17 Encumbe | red = | - | - 20 | FY 17/18 To | Const. Inflation | - Rates = 20 | 25 FY 18/19 FY 2016 2.7% | Total = | 2.5% | 50 | FY 19/20 FY 2018 2.5% | - | FY 20 2.5% | 6 | - FY 202 2.5% | 0 |
| TOTAI Flow Inflated Activity | 50 in thousand Totals \$ | s \$): | | FY 15/16 Encumbe Base Infla | red = tion Rate = | | - 20 | FY 16/17 Encumbe | red = | - | - 20 | FY 17/18 To | Const. Inflation | - Rates = 20 | 25 FY 18/19 FY 2016 2.7% | Total = | 2.5% | 50 | FY 19/20 FY 2018 2.5% | - | FY 20 2.5% | 6 | - FY 202 2.5% | 0 |
| TOTAI | 50 (in thousand Totals \$ 50 | s \$): | 201 | FY 15/16 Encumbe Base Infla | red = | | - 20 | FY 16/17 Encumbe | red = | - | - 20 | FY 17/18 To | Const. Inflation | Rates = 20 | 25 FY 18/19 FY 2016 2.7% | Total = | 2.5% | 50 | FY 19/20 FY 2018 2.5% | - | FY 20 2.59 | | - FY 202 2.5% | 0 |

ITS 9

7/9/2015 71 FY 16-20

| _ | Design 3/17/15 | | | Prio | , . | | | _ | | | Route Num | me/Number: | Treadquar | iers securit | y Cameras | | | | | | " | - | |
|--|--|-------|------------------------------------|------------------------------|--------|-------------------------------|---------------------|-------------------|---|----|-------------|-----------------|------------|-----------------------|-------------|-----------------|------|-----------------------------|-----------|-----------------|-----|-----------------|---|
| ast Revision: | 5/12/15 | | | | | | | = = | | | Project Cat | tegory: | | | nent Projec | ts | | | | | | | _ |
| and Source: | SP | | | | | | | _ | | | Work Desc | cription : | Security C | Cameras | | | | | | | | | |
| ength (miles): | - | | | | | | | _ | | | | | Design & | Constructi | on | | | | | | | | |
| rom: | _ | | To: | | | | | - = | | | | | | | | | | | | | | | |
| oject Schedule: | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 2015 | | | 20 | 16 | | | 20 |)17 | | 20 | 018 | | | 20 | 019 | | | 20: | 20 | |
| esign | | | | | | | | | | | | | | | | | | | | | | | Ш |
| idding | | | | | | | | | | | | | | | | | | | | | | | Ш |
| onstruction | | | | | | | | | | | | | | | | | | | | | | | Ш |
| | | | | | | | | | | | | | | | | | | | | | | | Ш |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | Totals \$ | : | 2015 | 10 | 20 | 20 | 16 | I | | 20 |)17 | | 20 |)18 | ı | | 2 | 019 | T | | 203 | 20 | |
| oject Cost (in tho Activity AL onstruction TOTAL | | | 2015 30 FY 15/16 Encumber | Total = | 20 210 | 20 210 | FY 16/17 Encumbe | | | - | FY 17/18 | Total = | 20 |)18 | Total = | | - | 019 FY 19/20 |) Total = | | 20: | 20 | |
| Activity L nstruction | Totals \$ 80 420 - | | 30 FY 15/16 | Total = | | 20 210 | FY 16/17 | | | | | Total = | | | | FY 2017 | | | | FY 2019 | - | FY 2020 | |
| Activity L Instruction TOTAL | Totals \$ 80 420 - 500 | | FY 15/16 Encumbe | Total = | | 20 210 500 | FY 16/17 | | | | FY 17/18 | Total = | - | FY 18/19 | | FY 2017 2.5% | | FY 19/20 | | FY 2019 2.5% | - | | |
| Activity L Instruction TOTAL | Totals \$ 80 420 - 500 (in thousand | | FY 15/16 Encumbe | 5 Total = ered = | 210 | 20 210 500 | FY 16/17 Encumbe | | | - | FY 17/18 | | n Rates = | FY 18/19 FY 2016 2.7% | | | - | FY 19/20 FY 2018 2.5% | | | - | FY 2020 2.5% | |
| Activity Listruction TOTAL h Flow Inflated Activity | Totals \$ 80 420 - 500 | | FY 15/16 Encumbe | o Total = red = tion Rate = | 210 | 20 210 500 | FY 16/17 Encumbe | | | - | FY 17/18 | | n Rates = | FY 18/19 | | | - | FY 19/20 | | | - | FY 2020 2.5% | |
| Activity L Instruction TOTAL h Flow Inflated Activity L | Totals \$ 80 420 - 500 (in thousand Totals \$ 80 | | FY 15/16 Encumbe Base Infla | o Total = red = tion Rate = | 2.5% | 20 210 500 | FY 16/17 Encumbe | ered = | - | 20 | FY 17/18 | Const. Inflatio | n Rates = | FY 18/19 FY 2016 2.7% | | | - | FY 19/20 FY 2018 2.5% | | | - | FY 2020 2.5% | |
| Activity TOTAL h Flow Inflated Activity | Totals \$ 80 420 - 500 (in thousand Totals \$ | | Base Infla 2015 30 | o Total = red = tion Rate = | 210 | 20 210 500 | FY 16/17 Encumbe | ered = | | 20 | FY 17/18 | Const. Inflatio | n Rates = | FY 18/19 FY 2016 2.7% | - | | - 20 | FY 19/20 FY 2018 2.5% | | 2.5% | 20: | FY 2020 2.5% | |
| Activity L Instruction TOTAL | Totals \$ 80 420 - 500 (in thousand Totals \$ 80 | | Base Infla 2015 30 | o Total = red = tion Rate = | 2.5% | 20 210 500 | FY 16/17 Encumbe | ered = | | 20 | FY 17/18 | Const. Inflatio | n Rates = | FY 18/19 FY 2016 2.7% | - | | - 20 | FY 19/20 FY 2018 2.5% | | 2.5% | 20: | FY 2020 2.5% | |
| Activity L Instruction TOTAL Sh Flow Inflated Activity L | Totals \$ 80 420 - 500 (in thousand Totals \$ 80 | | Base Infla 2015 30 | o Total = cred = tion Rate = | 2.5% | 20 210 500 20 210 | FY 16/17 Encumbe | ered = | | 20 | FY 17/18 | Const. Inflatio | n Rates = | FY 18/19 FY 2016 2.7% | - | | - 20 | FY 19/20 FY 2018 2.5% | - | 2.5% | 20: | FY 2020 2.5% | |

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ITS 10 7/9/2015

| Current Status : Date Originated : Last Revision : Fund Source : Length (miles) : | On-going 3/1/95 4/2/15 SP | | | Pr | iority : | 2 | | | | | Route Nu Project C | | er: | Systemwi Signing a Signing a | de nd Pavemer | nneous Signing & Man nt Markings nt Markings | kings | | | # | - |
|---|------------------------------------|-------------|-----------------------|-------------|------------|-----|----------|-------|-----|-----|-----------------------|--------------|-------------|------------------------------------|------------------|--|-------------|--------------|-----------------|-----|---------|
| From: | - | | To: | - | | | | • | | | | | | | to be detern | | | | | | |
| Project Schedule : | : | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 2015 | | | 20 | 016 | | | 20 | 017 | | | 20 | 018 | | 2019 | | | 202 | 20 |
| Design | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in th | ousands \$) | : | | | | | | | | | | | | | | | | | | | |
| Activity | Totals \$ | | 2015 | | | 20 |)16 | | | 20 |)17 | | | 20 | 018 | | 2019 | | | 202 | 20 |
| EAL | 100 | | | 10 | | | | 10 | 10 | | | 10 | 10 | | | 10 10 | | 10 | | | |
| Construction | 650 | | | | 130 | | | | 130 | | | | 130 | | | 130 | | | 130 | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | === | | | | | | | | | | | | | | | <u> </u> | | | | | |
| TOTAL | 750 | | FY 15/16 | | | 150 | FY 16/17 | | | 150 | FY 17/13 | 8 Total = | | 150 | FY 18/19 | Total = | 150 FY 1 | 9/20 Total = | | 150 | |
| | | | Encumber | red = | | | Encumbe | red = | | | j | | | | | | | | | | |
| | | | | | | | | | | | | | | | FY 2016 | EV 2017 | EV 0 | 010 | EV 2010 | | FY 2020 |
| Cash Flow Inflate | d (in thouse | nda ¢) . | Base Inflat | tion Data - | 2.5% | | | | | | | Const. Inf | lation Data | | 2.7% | FY 2017 2.5% | FY 2 2.5 | | FY 2019 2.5% | | 2.5% |
| Cash Flow Illiate | u (ili ulousa | mus 5). | Dase Illia | tion Kate = | 2.5% | | | | | | | Collst. IIII | iation Kate | s = | 2.7% | 2.3% | 2.3 | 70 | 2.3% | | 2.5% |
| Activity | Totals \$ | | 2015 | | | 20 |)16 | | | 20 |)17 | | | 20 | 018 | | 2019 | | | 202 | 20 |
| EAL | 100 | | - | 10 | | - | - | 10 | 10 | - | - | 10 | 10 | - | - | 10 10 | - | - 10 | | - | |
| Construction | 650 | | - | - | 130 | - | - | - | 130 | - | - | - | 130 | - | - | - 130 | - | | 130 | - | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 750 | | FY 15/16 | | | 150 | FY 16/17 | | | 150 | FY 17/13 | 8 Total = | | 150 | FY 18/19 | Total = | 150 FY 1 | 9/20 Total = | | 150 | |
| | | | Encumber | red = | | | Encumbe | red = | | |] | | | | | | | | | | |
| Remarks: FAI inc | cludes desig | n hidding a | nd construction engir | neering & i | inspection | | | | | | | | | | | | | | | | |

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

| Fund Source : | No Activi 6/13/13 5/12/15 SP | ty | | To: | | iority : | 2 | | | | | Project Na Route Nu Project Ca Work Des | itegory: | r: | Systemwi Signing an Signing | ogo Replade de nd Pavemer Constructio | nt Marking | S | | | | | # | - |
|--|--|--------------|-------------|----------------------|-------------|-------------|----|----------------------|----|-------|-------|--|-----------|------------|-----------------------------------|--|------------|-----------------|---|------------------------------------|-----------|-----------------|----|-----------------|
| Project Schedule | : | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 20 | 15 | | | 20 | 16 | | | 20 | 17 | | | 20 | 018 | | | 2 | 019 | | | 20 | 20 |
| Design Bidding | | | | | | | | | | | | | | | | | | | | | | | | |
| Bidding | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in the Activity EAL Construction TOTAL Cash Flow Inflate | Totals \$ 360 2,000 2,360 2,360 d (in thousa | | | FY 15/16 Encumber | red = | 2.5% | - | FY 16/17 Encumber | | 100 | , | FY 17/18 | Total = | ation Rate | - es = | FY 18/19 FY 2016 2.7% | | FY 2017 2.5% | - | 019 FY 19/20 FY 2018 2.5% | | FY 2019 2.5% | - | FY 2020 2.5% |
| Activity | Totals \$ | | 20 | 15 | | | 20 | 16 | | | 20 | 17 | | | 20 |)18 | • | | 2 | 019 | | | 20 | 20 |
| EAL Construction | 374 | | | - | - | - | - | 155 | 10 | 104 | 104 | - | - | - | - | - | - | - | - | - | - | - | - | |
| Construction | 2,093 | | | - | - | - | - | - | - | 1,047 | 1,047 | - | - | - | - | - | - | - | - | - | - | - | - | |
| | | | | | | | | | | | | | | | | | | | | | | + | | |
| TOTAL | 2,467 | | | FY 15/16 Encumber | | | - | FY 16/17 Encumber | | | 2,467 | FY 17/18 | B Total = | | - | FY 18/19 | Total = | | - | FY 19/20 |) Total = | | - | l |
| Remarks: EAL inc | cludes desig | n, bidding a | and constru | ction engi | neering & i | inspection. | | | | | | | | | | | | | | | | | | |

| | To: | | | 016 | - | | | Project Ca Work Des | | Signing a Construct | nd Striping | nt Markings | | | 019 | | | 202 | |
|----------|--------------------|---|---|--|--|---|--|--|-------------------------------|-------------------------------|--------------------------------------|--|--|-----------------------------------|---|-------------------------------|--|---------------------------------|-----------------------------------|
| | 015 | | | | | | | 017 | cription : | Construct |)18 | | | | | | | | |
| | 015 | | | | | | | | | 20 | 018 | | | | | | | | |
| | 015 | | | | | | | | | | | | | | | | | | |
| | 015 | | | | | | | | | | | | | | | | | | |
| | 015 | | | | | | | | | | | | | | | | | | |
| 20 | 11 | | 20 | 016 | | | 2(| 017 | | 21 | 018 | | | 20 | 019 | | | 203 | 0 |
| 20 | 11 | | 20 | 016 | | | 20 | 017 | | 21 | 018 | | | 20 | 019 | | | 202 | 10 |
| 20 | 11 | | 20 | 016 | | | 20 | 017 | | 21 | 018 | | | 20 | 019 | | | 202 | 0 |
| 20 | 11 | | 20 | 016 | | | 20 | 017 | | 20 | 018 | | | 20 | 019 | | | 202 | 10 |
| 20 | 11 | | 20 | 016 | | | 20 | 017 | | 20 |)18 | | | 20 | 019 | | | 200 | 0 |
| 20 | 11 | | 20 | 016 | | | 20 | 017 | | 20 | 018 | | | 20 | 019 | | | 200 | 20 |
| | FY 15/16 T | | | | | | - | FY 17/18 | Total = | - | FY 18/19 | Total = | | - | FY 19/20 | Total = | | _ | |
| | | | | | | | | | | | EV 2016 | | EV 2017 | | EV 2010 | | EV 2010 | | FY 2020 |
| de \$) · | Basa Inflatic | on Rate = 2.50 | 0/2 | | | | | | Conet Inflat | on Pates - | | | | | | | | | 2.5% |
| * | | Sii Rate = 2.3 | | | | | | | Const. Illiat | | | | 2.370 | | | | 2.570 | | |
| 20 | | | | 016 | | | 20 |)17 | | 20 | | T | | 20 |)19 | | | 202 | 20 |
| | | | - | - | - | - | - | - | - | | 1 | - | - | - | - | - | - | - | |
| | 114 | | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | |
| | + | | _ | + | | | | | | | | | | | | | 1 | | |
| | EV 15/10 T | 2-4-1 | 105 | EV 16/17 | 7 T-4-1 | | l | EV 17/10 | T-4-1 | | EV 10/10 | T-4-1 | | | EV 10/20 | T-4-1 | | - | |
| | | | | | | | - | r i 1//18 | rotar = | | r i 18/19 | 10tai = | | - | FI 19/20 | rotai = | | - | |
| | Encumbere | ed = | 125 | Encumbe | ered = | | - | | | | | | | _ | | _ | | | |
| ıc | tion engineering & | Encumbere 2015 2015 114 FY 15/16 T Encumbere tion engineering & inspection. | 2015 11 114 FY 15/16 Total = Encumbered = tion engineering & inspection. | Encumbered = 125 S S Base Inflation Rate = 2.5% | Encumbered = 125 Encumb 2015 2016 11 | Encumbered = 125 Encumbered = 2.5% 2015 2016 11 | Encumbered = 125 Encumb | Encumbered = 125 Encumb | Encumbered = 125 Encumbered = | Encumbered = 125 Encumbered = | Encumbered = 125 Encumbered = 2015 | Encumbered = 125 Encumbered = FY 2016 S): Base Inflation Rate = 2.5% Const. Inflation Rates = 2.7% 2015 2016 2017 2018 11 | Encumbered = 125 Encumbered = FY 2016 S): Base Inflation Rate = 2.5% Const. Inflation Rates = 2.7% 2015 2016 2017 2018 11 | Encumbered = 125 Encumbered = | Encumbered = 125 Encumbered = FY 2016 FY 2017 S): Base Inflation Rate = 2.5% Const. Inflation Rates = 2.7% 2.5% 2015 2016 2017 2018 20 111 | Encumbered = 125 Encumbered = | Encumbered = 125 Encumbered = 125 Encumbered = FY 2016 FY 2017 FY 2018 S): Base Inflation Rate = 2.5% Const. Inflation Rates = 2.7% 2.5% 2.5% 2015 2016 2017 2018 2019 11 | Encumbered = 125 Encumbered = | Encumbered = 125 Encumbered = |

SPM 3

7/9/2015 75 FY 16-20

| | No Activit | у | | | Priority: | 2 | | | | | Route Nu | | er: | Systemwi | de | | thority Logo | Replace | ment | | | # | - |
|--------------------------|---------------|--------------|-------------------|------------|-----------------|----|----------|-------|-----|---------|------------------------|------------|-------------|----------|-----------------|-----------|-----------------|---------|-----------------|-------------|-----------------|----|-----------------|
| Fund Source: | 5/12/15 SP | | | | | | | | | | Project Co Work Des | | | Signing | nd Pavemei | | S | | | | | | |
| Length (miles): From: | <u>-</u> | | | To: | | | | | | | | | | Design & | Construction | on | | | | | | | |
| Project Schedule : | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 2015 | | | 20 |)16 | | | 20 | 017 | | | 20 |)18 | | | 2 | 019 | | | 20 | 20 |
| Design Bidding | | | | | | | | | | | | | | | | | | | | | | | |
| Bidding Construction | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in th | | : | | | | | | | | | | | | | | | | | | | | | |
| Activity | Totals \$ | | 2015 | | | 20 | 016 | | | | 17 | 1 | | 20 | 018 | 1 | | 2 | 019 | | | 20 | 20 |
| EAL Construction | 265 | | | | | | 105 | 10 | 75 | 75 | | | | | | | | | | | | | |
| Construction | 1,500 | | | | | | | | 750 | 750 | | | | | | | | | | | | | |
| | | | | | | | | | | | | 1 | | | | | | | | | | | |
| TOTAL | 1,765 | | EV 14 | 5/16 Total | | | FY 16/17 | Tatal | | 1,765 | FY 17/18 |) T-4-1 | | | FY 18/19 | T-4-1 | | | EV 10/2 | 0 Total = | | | |
| IOTAL | 1,700 | | | mbered = | = | - | Encumber | | | 1,/03 | FY 1//18 | 5 10tal = | | - | FY 18/19 | rotal = | | - | F1 19/2 | J Total = | | - | |
| Cash Flow Inflate | , | nds \$) : | Base I | nflation R | ate = 2.5% | | | icu – | | | J | Const. Inf | lation Rate | | FY 2016 2.7% | | FY 2017 2.5% | | FY 2018 2.5% | | FY 2019 2.5% | | FY 2020 2.5% |
| Activity | Totals \$ | | 2015 | | | 20 | 16 | | | | 17 | | | 20 | 018 | | | 2 | 019 | | | 20 | 20 |
| EAL | 275 | | - | _ | | - | 108 | 10 | 78 | 78 | - | - | - | - | - | - | - | - | - | - | - | - | |
| Construction | 1,570 | | - | - | | - | - | - | 785 | 785 | - | - | - | - | - | - | - | - | - | - | - | - | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 1,845 | | EV 14 | 5/16 Total | | | FY 16/17 | Tatal | | 1 0 1 5 | FY 17/18 |) T-4-1 | | | FY 18/19 | T-4-1 | | | FY 19/2 | O T-4-1 | | | |
| TOTAL | 1,843 | | | mbered = | = | - | Encumber | | | 1,845 | F1 1//18 | s rotai = | | - | F1 18/19 | 7 Total = | | - | F1 19/2 | o rotar= | | - | |
| Remarks: EAL inc | cludes desig | n, bidding a | nd construction e | engineerin | g & inspection. | | | | | | | | | | | | | | | | | | |

| Current Status: | Construction | | | Pı | riority: | | 1 | | | Project Na | me/Numbe | er: | SR 417 Resur | facing | | | | | | # | 417-731A | L |
|------------------|--------------|---------------------------|------|---------------|------------|----------|-----|---------|--|------------|-----------|-----|---------------|---------|-------------|-----|----|-----|--|---|----------|---|
| Date Originated: | 6/11/13 | | | | | | | _ | | Route Nur | mber: | | SR 417 | | | | | | | | | |
| Last Revision: | 3/24/15 | | | | | | | =' | | Project Ca | itegory: | | Renewal & Re | eplacem | nent Projec | ets | | | | | | |
| Fund Source: | RR | To: Orange / Seminole Cot | | | | | | =' | | Work Des | cription: | | Mill & Resurf | ace | | | | | | | | |
| Length (miles): | 3.5 | | | | | | | =' | | | | | Construction | | | | | | | | | |
| From: | SR 50 | | T | o: Orange / S | Seminole C | ounty Li | ne | = =. | | | | | | | | | | | | | | |
| Project Schedule | : | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 2015 | 2016 | | 20 |)17 | | | 2018 | | | | 20 |)19 | | 20 |)20 | | | | |
| Constructin | | | | | | | | | | | | | | | | | | | | | | |

| Pr | roject Cost (in thousands \$) | : | | | | | | | | | | | | |
|----|-------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|

| Activity | Totals \$ | | 2 | 015 | | | 20 | 16 | | | 201 | | | 20 | 18 | | | 20 |)19 | | 20 | 20 | |
|--------------|-----------|---|---|----------|---------|-------|-------|----------|---------|---|-----|----------|---------|----|----------|---------|---|----|----------|---------|----|----|---|
| EAL | 523 | | | 174 | 174 | 174 | | | | | | | | | | | | | | | | | |
| Construction | 6,534 | | | 2,178 | 2,178 | 2,178 | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 7,057 | | • | FY 15/16 | Total = | | 7,057 | FY 16/17 | Total = | • | - | FY 17/18 | Total = | - | FY 18/19 | Total = | • | - | FY 19/20 | Total = | - | | • |
| | | • | | Encumbe | red = | | 7.057 | Encumbe | red = | | | | | | | | | | | | | • | |

| Activity | Totals \$ | | 20 | 15 | | | 20 | 016 | | | 20 | 17 | | | 20 |)18 | | | 20 |)19 | | | 20 | 20 | |
|--------------|-----------|----|----|----------|---------|-------|-------|----------|---------|---|----|----------|---------|---|----|----------|---------|---|----|----------|---------|---|----|----|--|
| EAL | 523 | | | 174 | 174 | 174 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Construction | 6,534 | | | 2,178 | 2,178 | 2,178 | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 7,057 | | - | FY 15/16 | Total = | • | 7,057 | FY 16/17 | Total = | • | - | FY 17/18 | Total = | | - | FY 18/19 | Total = | | - | FY 19/20 | Total = | • | - | | |
| _ | | =' | | Encumber | red = | | 7,057 | Encumbe | red = | | | | | | | | | | | | | | | | |

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

Includes replacement of single post signs within resurfacing limits.

Low Bid of \$6.3 m; add 3% cost to complete.

| Current Status : Date Originated : | Bidding 5/10/04 | | | | Prie | ority: | 1 | | | | | Project N Route Nu | ame/Numb | | SR 417 Re | esurfacing | | | | | | | 1 | ‡ 417-733 | |
|---------------------------------------|------------------------|-----------------|--------------|------------|-------------|--------|--------|----------|---------|---|-------|-----------------------|------------|--------------|------------|------------|-------------|---------|----|----------|-----------|---------|---|-----------|---|
| | 4/21/15 RR | | | | | | | | | | | Project C | | | | | nent Projec | ets | | | | | | | |
| | 16.8 | | | | | | | | | | | WOIR DC | scription. | | Constructi | | | | | | | | | | |
| From: | I-Drive | | | To: | Moss Park | | | | | | | | | | Constructi | ion | | | | | | | | | |
| Project Schedule : | | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 2015 | | | | 20 | 016 | | | 20 | 017 | | | 20 | 018 | | | 20 |)19 | | | 2 | 020 | |
| Bidding | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in the Activity | ousands \$) Totals \$ | : | 2015 | | | | 20 |)16 | | | 20 |)17 | | | 20 | 018 | | | 20 | 019 | | | 2 | 020 | |
| EAL | 2,326 | | | 10 | 579 | 579 | 579 | 579 | | | | | | | | | | | | | | | | | |
| Construction | 28,940 | | | | 7,235 | 7,235 | 7,235 | 7,235 | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 31,266 | | F | Y 15/16 | Total = | • | 23,452 | FY 16/17 | Total = | | - | FY 17/18 | 8 Total = | * | - | FY 18/19 | Total = | • | - | FY 19/20 |) Total = | • | - | | • |
| | • | • | Е | incumber | red = | | | Encumbe | red = | | | | | | | • | | | | • | | | | - | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | FY 2016 | | FY 2017 | | FY 2018 | | FY 2019 | | FY 2020 | |
| Cash Flow Inflate | d (in thousa | nds \$) : | Ва | ase Inflat | ion Rate = | 2.5% | | | | | | | Const. Inf | lation Rates | s = | 2.7% | | 2.5% | | 2.5% | | 2.5% | | 2.5% | |
| Activity | Totals \$ | | 2015 | | | | 20 |)16 | | | 20 |)17 | | | 20 | 018 | | | 20 | 019 | | | 2 | 020 | |
| EAL | 2,355 | | | 10 | 586 | 586 | 586 | 586 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Construction | 29,332 | | | - | 7,333 | 7,333 | 7,333 | 7,333 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 31,687 | | F | Y 15/16 | Total = | | 23,768 | FY 16/17 | Total = | | 7,919 | FY 17/18 | 8 Total = | | - | FY 18/19 | Total = | | - | FY 19/20 |) Total = | | - | | |
| | | =' | Е | ncumber | red = | | | Encumbe | | | | | | | | | | | | | | | | | |
| Remarks: EAL inc | cludes const | ruction engine | eering & in | spection | | | | | | | | -" | | | | | | | | | | | | | |
| Includes | replaceme | nt of single po | ost signs wi | thin resu | rfacing lim | its. | | | | | | | | | | | | | | | | | | | |

| Current Status: No Activity Priority: 1 Project Name/Number: SR 408 Resurfacing | # - |
|---|-----|
| Date Originated: 4/23/12 Route Number: SR 408 | |
| Last Revision: 4/3/15 Project Category: Renewal & Replacement Projects | |
| Fund Source: RR Work Description: Mill & Resurface | |
| Length (miles): 8.1 Design & Construction | |
| From: West SR 50 To: I-4 | |

Project Schedule:

| Activity | 7)(|)15 | | 20 | 016 | | 20 | 11.7 | | 20 |)18 | | 20 | 019 | |)20 | |
|--------------|-----|-----|--|----|-----|--|----|------|--|----|-----|--|----|-----|--|-----|--|
| Design | | | | | | | | | | | | | | | | | |
| Bidding | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

Project Cost (in thousands \$):

| Activity | Totals \$ | | 20 | 015 | | | 20 | 16 | | | 20 | | | 20 | 18 | | 20 |)19 | | 20 | 20 | |
|--------------|-----------|---|----|----------|-----------|-------|-------|----------|---------|-------|--------|----------|---------|-------|----------|---------|----|----------|---------|----|----|--|
| EAL | 2,563 | | | | | 1,190 | 10 | 341 | 341 | 341 | 341 | | | | | | | | | | | |
| Construction | 17,040 | | | | | | | 4,260 | 4,260 | 4,260 | 4,260 | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 19,603 | | • | FY 15/16 | 6 Total = | | 1,200 | FY 16/17 | Total = | | 18,403 | FY 17/18 | Total = | - | FY 18/19 | Total = | - | FY 19/20 | Total = | - | | |
| | | • | | Encumbe | ered = | | | Encumber | red = | | | | | | | | | | | | | |

| Activity | Totals \$ | | 20 |)15 | | | 20 | 16 | | | 20 | 17 | | | 20 | 018 | | | 20 |)19 | | | 20 | 20 | |
|--------------|-----------|---|----|----------|---------|-------|-------|----------|---------|-------|--------|----------|---------|---|----|----------|---------|----------|----|----------|---------|---|----|----|---|
| EAL | 2,629 | | | - | - | 1,212 | 10 | 352 | 352 | 352 | 352 | - | - | - | - | - | - | - | - | - | - | - | - | | · |
| Construction | 17,614 | | | - | - | - | - | 4,404 | 4,404 | 4,404 | 4,404 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAI | 20,243 | | | FY 15/16 | Total = | | 1,223 | FY 16/17 | Total = | | 19,020 | FY 17/18 | Total = | | - | FY 18/19 | Total = | | - | FY 19/20 | Total = | | - | | |
| | · | = | | Encumbe | red = | · | | Encumbe | red = | · | | | | | · | · | · | <u> </u> | · | | · | | | | |

79

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

Includes replacement of single post signs within resurfacing limits.

Does not inlude milling and resurfacing of SR 408 from Good Homes to Hiawassee Road, which will be resurfaced as part of the SR 408 widening project.

| Current Status : | No Activity | | Pri | ority: | 1 | | | Project Name | Number: | SR 429 I | Resurfacing | | | | | | # | - | |
|---------------------------|---------------|------|--------|--------|-------|-------------|----|----------------|---------|----------------|-------------|-------------|----|----|-----|---|----|-----|---|
| Date Originated: | 4/23/12 | | • | | | | | Route Numbe | r: | SR 429 | | | | | | | | | |
| Last Revision : | 4/21/15 | | | | | | | Project Catego | ory: | Renewal | & Replacer | nent Projec | ts | | | | | | |
| Fund Source: | RR | | | | | | | Work Descrip | | Mill & R | esurface | | | | | | | | |
| Length (miles): | 8.4 | | | | | | | - | | Design & | Constructi | on | | | | | | | |
| From: | Seidel Road | To: | CR 535 | | | | | | | | | | | | | | | | |
| Project Schedule Activity | : | 2015 | | | 2016 | | 20 | 017 | | | 018 | | | 20 |)19 | | 20 |)20 | |
| Design | | 2013 | ı | | 2010 | | 20 | 1 | | - 1 | 1010 | l e | | 20 | 117 | I | | 120 | l |
| Bidding | | | | + | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| Project Cost (in th | nousands \$): | | | | | | | | | | | | | | | | | | |
| Activity | Totals \$ | 2015 | | | 2016 | | 20 | 017 | | 2 | .018 | | | 20 | 19 | | 20 |)20 | |
| EAL | 2,089 | 970 | 10 | 277 | 277 | 277 277 | | | | | | | | | | | | | |
| Construction | 13.860 | | | 3 465 | 3 465 | 3 465 3 465 | | | | | | | | | | | | | |

8,464 FY 16/17 Total =

Encumbered =

| Activity | Totals \$ | | 20 |)15 | | | 20 | 16 | | | 20 | 17 | | | 20 | 018 | | | 20 | 19 | | | 20 | 20 | |
|--------------|-----------|---|----|----------|---------|-------|-------|----------|---------|---|-------|----------|-----------|---|----|----------|---------|---|----|----------|---------|---|----|----|--|
| EAL | 2,121 | | | 977 | 10 | 283 | 283 | 283 | 283 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Construction | 14,164 | | | - | - | 3,541 | 3,541 | 3,541 | 3,541 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 16,285 | | | FY 15/16 | Total = | | 8,636 | FY 16/17 | Total = | | 7,649 | FY 17/18 | 3 Total = | | - | FY 18/19 | Total = | | - | FY 19/20 | Total = | | - | | |
| · · · | · | = | | Encumber | red = | | · | Encumbe | red = | | · | | | | · | · | | | | | · | | | | |

80

7,484 FY 17/18 Total =

FY 18/19 Total =

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

TOTAL 15,949

Includes replacement of single post signs within resurfacing limits.

FY 15/16 Total =

Encumbered =

FY 19/20 Total =

| Current Status : | No Activit | у | | | Prio | ority: | 1 | | _ | | | | lame/Numb | er: | SR 528 Re | esurfacing | | | | | | | # | |
|---------------------|--------------|--------------|---------------|------------|--------------|-----------|-------|----------|-------|---|----|-----------|------------|------------|-----------|-----------------|--------------|-----------------|---|-----------------|-----------|-----------------|-----|-----------------|
| | 3/17/15 | | | | | | | | _ | | | Route Nu | | | SR 528 | | | | | | | | | |
| Last Revision: | 3/24/15 | | | | | | | | _ | | | Project C | | | | | nent Project | S | | | | | | |
| Fund Source: | RR | | | | | | | | _ | | | Work De | scription: | | Mill & Re | | | | | | | | | |
| Length (miles): | 1.4 | | | | | | | | _ | | | | | | Design & | Construction | on | | | | | | | |
| From: | SR 436 | | | To: | Goldenrod | Road | | | - | | | | | | | | | | | | | | | |
| Project Schedule | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 2015 | 5 | | | 20 | 16 | | | 20 | 017 | | | 20 | 018 | | | 2 | 019 | | | 20 | 20 |
| Design Bidding | | | | | | | | | | | | | | | | | | | | | | | | |
| Bidding | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in th | | : | 2045 | | | | 200 | 1.0 | | | 2 | 215 | | | 200 | 24.0 | | | | 010 | | | 200 | |
| Activity | Totals \$ | | 2015 | | 1.0 | | | 16 | 1 | | 20 | 017 | 1 | | 20 |)18 | ı | | 2 | 019 | T | | 20 | 20 |
| EAL | 565 | | | 259 | 10 | 148 | 148 | | | | | | | | | | | | | | | | | |
| Construction | 3,694 | | | | | 1,847 | 1,847 | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 4,259 | | | Y 15/16 | | | 4,259 | FY 16/17 | | | - | FY 17/1 | 8 Total = | | - | FY 18/19 | Total = | | - | FY 19/20 |) Total = | | - | |
| | | | F | Encumber | red = | | | Encumbe | red = | | | _ | | | | | | | | | | | | |
| Cash Flow Inflate | d (in thousa | nde \$) : | R | ase Inflat | ion Rate = | 2.5% | | | | | | | Const. Inf | lation Rat | -es — | FY 2016 2.7% | | FY 2017 2.5% | | FY 2018 2.5% | | FY 2019 2.5% | | FY 2020 2.5% |
| | , | πασ ψ) . | | | ion ruic – | 2.570 | | | | | | | Const. Im | Tution rui | | | | 2.570 | | | | 2.570 | | |
| Activity | Totals \$ | | 2015 | | | | | 16 | 1 | | 20 | 017 | | | 20 |)18 | ı | | 2 | 019 | | | 20 | 20 |
| EAL | 572 | | | 261 | 10 | 151 | 151 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Construction | 3,769 | | | - | - | 1,885 | 1,885 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAI | 4,341 | | | Y 15/16 | | | 4,341 | FY 16/17 | | | - | FY 17/1 | 8 Total = | | - | FY 18/19 | Total = | | - | FY 19/20 | Total = | | - | |
| | | | Е | Encumber | red = | | | Encumbe | red = | | | _ | | | | | | | | | | | | |
| Remarks: EAL inc | ludes desig | n, bidding | and construct | ion engin | eering & in | spection. | | | | | | | | | | | | | | | | | | |
| Includes | replaceme | nt of single | post signs wi | ithin resu | rfacing limi | its. | | | | | | | | | | | | | | | | | | |

| Last Revision : Fund Source : | No Activit 4/27/12 6/29/15 RR 21.7 Goldenroo | | To: | - | East) / SR 4 | 17 Innovati | on Way (S | outh) | | | Project Na Route Nur Project Ca Work Des | ategory: | | Mill & Re | & Replacem | J | ş | | | | | # | - |
|-----------------------------------|---|-----------|-----------------------|---------|--------------|-------------|---------------------|---------|---|-------|---|------------|--------------|-----------|-----------------|---------|-----------------|--------|-----------------|----------|-----------------|-----|-----------------|
| | | | 2015 | | | 20 | 1.0 | | | 20 | 17 | | | 20 | 210 | | | 2/ | 210 | | | 201 | 20 |
| Activity | | | 2015 | 1 | | 20 | 16 | | | 20 | 17 | | | 20 |)18 | | | 20 |)19 | | | 203 | 20 |
| Design | | | | | | | | | | | | | | | | | | | | | | | |
| Bidding | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | |
| | | - | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in the Activity EAL | Totals \$ 5,605 | : | 2015 | | | 20 | 16 | | | 1,305 | 1,305 | 10 | 597 | 20 597 |)18 | 597 | 597 | 20 |)19 | | | 20: | 20 |
| Construction | 37,310 | | | | | | | | | 1,303 | 1,303 | 10 | 7,462 | 7,462 | 7,462 | 7,462 | 7,462 | | | | | | |
| Construction | 37,310 | | | | | | | | | | | | 7,102 | 7,102 | 7,102 | 7,102 | 7,102 | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 42,915 | | FY 15/16 | Total = | | - | FY 16/17 | Total = | | 1,305 | FY 17/18 | Total = | <u> </u> | 17,433 | FY 18/19 | Total = | | 24,177 | FY 19/20 | Total = | ļ! | - | |
| Cash Flow Inflate | ed (in thousa | nds \$) : | Encumber Base Inflat | | 2.5% | | Encumbe | red = | | | | | lation Rates | s = | FY 2016 2.7% | | FY 2017 2.5% | | FY 2018 2.5% | | FY 2019 2.5% | | FY 2020 2.5% |
| Activity | Totals \$ | | 2015 | 1 | | 20 | 16 | | | 20 | | | | |)18 | | | 20 |)19 | | | 20: | 20 |
| EAL | 5,959 | | - | - | - | - | - | - | - | 1,372 | 1,380 | 11 | 639 | 639 | 639 | 639 | 639 | - | - | - | - | - | |
| Construction | 40,036 | | - | - | - | - | - | - | - | - | - | - | 8,007 | 8,007 | 8,007 | 8,007 | 8,007 | - | - | - | - | - | |
| | 1 | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 45.005 | | EV 15/16 | T-4-1 | | | EV 16/17 | T-4-1 | | 1 272 | EV 17/10 | T-4-1 | | 10.604 | EV 19/10 | T-4-1 | | 25.040 | EV 10/20 | T-4-1 | | | |
| TOTAL | 45,995 | | FY 15/16 Encumber | | | - | FY 16/17 Encumbe | | | 1,372 | FY 17/18 | o i otai = | | 18,084 | FY 18/19 | rotai = | | 25,940 | FY 19/20 | ı otai = | | - | |
| | | | Eliculibe | icu – | | | Liicuiiibe | icu – | | | J | | | | | | | | | | | | |

R&R 6

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

Includes SR 417 resurfacing from Innovation Way to SR 528.

Includes replacement of single post signs within resurfacing limits.

7/9/2015 82 FY 16-20

| Date Originated : Last Revision : Fund Source : Length (miles) : | No Activity 7/3/13 5/27/15 RR 4.2 East of I-4 | / | To: | Yucatan | riority : Drive | 1 | | | | | Route Nu Project C | | er: | Mill & Re | & Replacer | nent Projec | ts | | | | | # | - | |
|---|--|-----------------|---------------------|-------------|-----------------|----|----------|-------|---|----|-----------------------|-----------|------------|-----------|-----------------|-------------|-----------------|-------|-----------------|--------------|-----------------|--------------|-----------------|---|
| Activity | | | 2015 | | | 20 | 16 | | | 20 | 017 | | | 20 | 018 | | | 20 | 019 | | | 20: | 20 | |
| Design | | | 2013 | T | | 20 | 10 | | | 1 | | T | | | 10 | | | 20 | | | | 20. | 20 | |
| Bidding | | | | <u> </u> | | | | | | | 1 | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | 1 | | | | | 1 | | | | | | | | i |
| | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| | j | | | | | | | | | | | | | | | | | | | | | | | |
| Activity EAL Construction | Totals \$ 2,132 14,144 | | 2015 | | | 20 | 16 | | | 20 | 017 | | | 20 | 018 | | 990 | 10 | 283 3,536 | 283 3,536 | 283 3,536 | 283 3,536 | 20 | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 16,276 | | FY 15/16 | C T-4-1 | | ļ | FY 16/17 | T-4-1 | | | EV 17/1 | 8 Total = | | | FY 18/19 | T-4-1 | ļļ | 1.000 | FY 19/20 | T-4-1 | ļļ | 15,276 | | |
| TOTAL | 10,270 | | Encumbe | | | | Encumber | | | - | F1 1//1 | 8 Total = | | - | F1 18/15 | r rotar = | | 1,000 | F1 19/20 | rotar = | | 15,276 | | |
| Cash Flow Inflated | l (in thousai | nds \$) : | | ation Rate | = 2.5% | | Encumbe | | | | <u> </u> | Const. In | flation Ra | tes = | FY 2016 2.7% | | FY 2017 2.5% | | FY 2018 2.5% | | FY 2019 2.5% | | FY 2020 2.5% | |
| Activity | Totals \$ | | 2015 | | | 20 | 16 | | | 20 | 017 | | | 20 | 018 | | | 20 | 19 | | | 20: | 20 | |
| EAL | 2,356 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1,087 | 11 | | 314 | 314 | 314 | | 1 |
| Construction | 15,756 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3,939 | 3,939 | 3,939 | 3,939 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 18,112 | | FY 15/16 | | | - | FY 16/17 | | | - | FY 17/1 | 8 Total = | | - | FY 18/19 | Total = | | 1,098 | FY 19/20 | Total = | | 17,014 | | |
| | | | Encumbe | ered = | | | Encumbe | red = | | | _ | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Remarks: EAL incl | | | | | | | | | | | | | | | | | | | | | | | | |
| Includes | replacemen | t of single pos | st signs within res | urfacing li | mits. | | | | | | | | | | | | | | | | | | | |

| Current Status : | No Activit | v | | Priorit | v : | 1 | | | | Project N | Iame/Numbe | er: | SR 414 Re | esurfacing | | | | | | | # | _ |
|---------------------|--------------|-----------------|-----------------------|-----------------|---------|----------|-----------|---|-----|-----------|--------------|------------|-----------|--------------|--------------|---------|-------|----------|----------|---------|--------|---------|
| | 6/17/14 | -5 | | | | | _ | | | Route Nu | | | SR 414 | | | | | | | | | |
| Last Revision : | 5/28/15 | | | | | | _ | | | Project C | | | | & Replacen | ent Project | ts | | | | | | |
| Fund Source : | RR | | | | | | _ | | | | scription: | | Mill & Re | | ient i rojec | | | | | | | |
| | 5.7 | | | | | | _ | | | WOIR DO | scription. | | | Construction | nn . | | | | | | | |
| From: | SR 429 | | To: | US 441 | | | _ | | | | | | Design & | Construction | <i>7</i> 11 | | | | | | | _ |
| | | | | | | | _ | | | | | | | | | | | | | | | |
| Project Schedule : | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 2015 | | | 2016 | | | 2 | 017 | | | 20 |)18 | | | 20 | 19 | | | 20 | 20 |
| Design | | | | | | | | | | | | | | | | | | | | | | |
| Bidding | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in th | , | : | 2015 | | | 2016 | | | 2 | 017 | | | 20 | 110 | | | 200 | 10 | | | 20 | 20 |
| Activity | Totals \$ | | 2015 | | 1 | 2016 | 1 | | 1 2 | 017 | 1 | | 20 |)18 | ı | 1.210 | | 19 | 246 | 246 | 20 | 20 |
| EAL Construction | 2,603 | | | | | | | | | | | | | | | 1,210 | 10 | 346 | 346 | | 346 | |
| Construction | 17,292 | | | | | | | | | | | | | | | | | 4,323 | 4,323 | 4,323 | 4,323 | |
| | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 10.005 | | EV 15/16 | TD. (. 1 | | EV 16/1 | 7 77 1 | ļ | | EV 17/1 | 0.75.4.1 | | | EW 10/10 | Tr. 4 . 1 | | 1 220 | EV 10/20 | T 1 | | 10.675 | |
| TOTAL | 19,895 | <u>l</u> | FY 15/16 Encumber | | | Encumb | 7 Total = | | - | FY 17/13 | 8 1 otal = | | - | FY 18/19 | ı otal = | | 1,220 | FY 19/20 | 1 ota1 = | | 18,675 | |
| | | | Effculliber | .eu = | | Eliculio | ereu = | | | J | | | | | | | | | | | | |
| | | | | | | | | | | | | | | FY 2016 | | FY 2017 | | FY 2018 | | FY 2019 | | FY 2020 |
| Cash Flow Inflate | d (in thouse | nds ¢) · | Paga Inflat | ion Rate = | 2.5% | | | | | | Const. Infl | ation Data | NC - | 2.7% | | 2.5% | | 2.5% | | 2.5% | | 2.5% |
| Cash Flow Illiate | ` | iius 5). | | ion Kate = | 2.370 | | | | | | Collst. Illi | ation Kate | | | | 2.370 | | | | 2.370 | | |
| Activity | Totals \$ | | 2015 | | | 2016 | | | 20 | 017 | | | 20 |)18 | | | 20 | | | | 20 | 20 |
| EAL | 2,878 | | - | - | | - | - | - | - | - | - | - | - | - | - | 1,329 | 11 | 384 | 384 | 384 | 384 | |
| Construction | 19,262 | | - | - | | - | - | - | - | - | - | - | - | - | - | - | - | 4,816 | 4,816 | 4,816 | 4,816 | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 22,140 | | FY 15/16 | | | | 7 Total = | | - | FY 17/13 | 8 Total = | | - | FY 18/19 | Total = | | 1,340 | FY 19/20 | Total = | | 20,800 | |
| | | | Encumber | red = | | Encumb | ered = | | | _ | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | d construction engir | | ection. | | | | | | | | | | | | | | | | | |
| Includes | s replaceme | nt of single po | ost signs within resu | rfacing limits. | | | | | | | | | | | | | | | | | | |

| - | No Activity 7/3/13 | 7 | | Pr | iority: | 1 | | <u>.</u> | | | Project Na Route Nu | ame/Numbe | er: | SR 417 Re | surfacing | | | | | | | # | | |
|---------------------------|-----------------------|-----------|------------------|---------------|---------|----|----------|----------|---|----|------------------------|-------------|------------|------------|-----------------|--------------|-----------------|-----|-----------------|-----------|-----------------|-------|-----------------|---|
| | 5/27/15 | | | | | | | - | | | Project Ca | ategory: | | Renewal & | Replacen | nent Project | S | | | | | | | • |
| Fund Source : | RR | | | | | | | • | | | Work Des | | | Mill & res | urface | | | | | | | | | |
| Length (miles): | 1 | | | | | | | - | | | | • | | Design & | Construction | on | | | | | | | | |
| | Moss Park | | To | o: Innovation | ı Way | | | - | | | | | | | | | | | | | | | | |
| _ | | | | | | | | - | | | | | | | | | | | | | | | | |
| Project Schedule: | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 2015 | | | 20 | 16 | | | 20 |)17 | | | 20 | 18 | | | 20 | 19 | | | 20 | 20 | |
| Design | | | | | | | | | | | | | | | | | | | | | | | | |
| Bidding | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | | • |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | - |
| Activity EAL Construction | Totals \$ 440 2,874 | | 2015 | | | 20 | 16 | | | 20 | 017 | | | 20 | 18 | | 200 | 10 | 77 958 | 77 958 | 77 958 | 20 | 20 | |
| TOTAL | 3,314 | | FY 15/1 | 6 Total = | | | FY 16/17 | Total = | | | FY 17/18 | R Total = | | - | FY 18/19 | Total = | ! | 210 | FY 19/20 | Total = | ļļ | 3,104 | | |
| TOTAL | 3,311 | | Encumb | | | | Encumbe | | | | 111//10 | o rotar – | | | 1 1 10/1/ | Total – | | 210 | 11 17/20 | Total – | | 3,101 | | |
| Cash Flow Inflated | (in thousar | nds \$) : | Base Inf | lation Rate = | 2.5% | | | | | | J | Const. Infl | ation Rate | | FY 2016 2.7% | | FY 2017 2.5% | | FY 2018 2.5% | | FY 2019 2.5% | | FY 2020 2.5% | |
| | Totals \$ | | 2015 | | | 20 | 16 | | | 20 |)17 | | | 20 | 18 | | | 20 | 19 | | | 20 | 20 | |
| EAL | 486 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 220 | 11 | 85 | 85 | 85 | - | | |
| Construction | 3,201 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1,067 | 1,067 | 1,067 | - | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 3,688 | | FY 15/1 | 6 Total = | | - | FY 16/17 | Total = | | - | FY 17/18 | 3 Total = | | - | FY 18/19 | Total = | | 231 | FY 19/20 | Total = | | 3,457 | | |
| | | | Encumb | pered = | | | Encumbe | red = | | | | | | | | | | | | | | | | |
| Remarks: EAL includes a | | | construction eng | | | | | | | | | | | | | | | | | | | | | |

| Current Status : | No Activit | tv | | Pr | iority : | 1 | | | | | Project 1 | Name/Numb | or · | Miscellan | eous Resur | facing Projec | rts | | | | | # | _ |
|----------------------|------------------------|----------------|--------------------|-------------|-------------|-----|----------|---------|----------|-----|-----------|--------------|-------------|-----------|-----------------|-----------------|-----------------|-----|-----------------|------------|-----------------|-----|-----------------|
| Date Originated : | | • 9 | | | iorny . | | | - | | | Route N | | | Sysmtem | | tuenig i rojec | 243 | | | | | | |
| | 3/17/15 | | | | | | | _ | | | | Category: | | | | nent Projects | | | | | | | |
| | RR | | | | | | | _ | | | | escription : | | Mill & Re | | iciti i rojects | <u> </u> | | | | | | |
| | - | | | | | | | - | | | WOIK D | escription. | | | Construction | n . | | | | | | | |
| From: | | | To: | | | | | - | | | | | | Design & | Construction |)II | | | | | | | |
| rioni. | | | | - | | | | - | | | | | | | | | | | | | | | |
| Project Schedule : | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 2015 | | | 20 |)16 | | | 20 | 17 | | | 20 | 018 | | | 20 | 19 | | | 20: | 20 |
| Design Bidding | | | | | | | | | | | | | | | | | | | | | | | |
| Bidding | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in the | ousands \$) Totals \$ | | 2015 | | | 20 |)16 | | | 20 | 117 | | | 20 | 018 | | | 20 | 19 | | | 20: | 20 |
| EAL | 175 | T | 2013 | 12 | 10 | 13 | | 12 | 10 | 13 | | 12 | 10 | | | 12 | 10 | 13 | 1) | 12 | 10 | 13 | |
| Construction | 825 | | | 12 | 10 | 165 | | 12 | 10 | 165 | | 12 | 10 | 165 | | 12 | 10 | 165 | | 12 | 10 | 165 | |
| Construction | 023 | | | | | 103 | | | | 103 | | | | 103 | | | | 103 | | | | 103 | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 1,000 | ļ ļ | FY 15/16 | Total = | | 200 | FY 16/17 | Total = | <u> </u> | 200 | FY 17/ | 18 Total = | | 200 | FY 18/19 | Total = | ļ | 200 | FY 19/20 | Total = | | 200 | ļ |
| 101112 | 1,000 | I | Encumber | | | 200 | Encumbe | | | 200 | 1 1 1// | 10 10111 | | 200 | 1 1 10/17 | 10111 | | 200 | 1 1 17/20 | 7 7 0 1111 | | 200 | |
| Cash Flow Inflate | d (in thousa | ands \$) : | Base Inflat | | 2.5% | | | | | | 1 | Const. Inf | lation Rate | es = | FY 2016 2.7% | 1 | FY 2017 2.5% | | FY 2018 2.5% | | FY 2019 2.5% | | FY 2020 2.5% |
| Activity | Totals \$ | | 2015 | | | 20 |)16 | | | 20 | 17 | | | 20 | 018 | | | 20 | 19 | | | 20: | 20 |
| EAL | 175 | | - | 12 | 10 | 13 | - | 12 | 10 | 13 | - | 12 | 10 | 13 | - | 12 | 10 | 13 | - | 12 | 10 | 13 | |
| Construction | 825 | | - | - | - | 165 | - | - | - | 165 | - | - | - | 165 | - | - | - | 165 | - | - | - | 165 | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 1,000 | | FY 15/16 | | | 200 | FY 16/17 | | | 200 | FY 17/ | 18 Total = | | 200 | FY 18/19 | Total = | | 200 | FY 19/20 |) Total = | | 200 | |
| | | | Encumber | red = | | | Encumbe | ered = | | |] | | | | | | | | | | | | |
| Remarks: EAL inc | cludes desig | n, bidding and | construction engir | neering & i | inspection. | | | | | | | | | | | | | | | | | | |

86

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

| te Originated : st Revision : nd Source : | On-going 9/4/12 3/15/15 RR | | | Priori | y | 1 | | | | | Project Name/Nu Route Number : Project Category Work Descriptio | <i>'</i> : | Systemwic Renewal & Drainage a | de & Replacen and Stormy | | | ojecis - | | | | # | - | _ _ |
|--|--|---|--|--------------|-----------|----------------------------------|----------------------|---------------|--------------------|----------------------------|--|-------------------|---|--------------------------------|----------|-----------------------|----------------------------|-----------------------------|---------|-----------------|----------------------------|-----------------|------------------|
| ngth (miles) : | - | | To: - | | | | | | | | | | Design & | | | | | | | | | | — |
| ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | - | | | - | | | | | | | | | (Frojects ti | o de detern | illileu) | | | | | | | | |
| ject Schedule: | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 2015 | | | 201 | .6 | | | 20 | 17 | | 20 | 018 | | | 20 | 19 | | | 20 | 20 | |
| sign | | | | | | | | | | | | | | | | | | | | | | | \bot |
| lding/Constructi | on | | | | | | | | | | | | | | | | | | | | | | + |
| | | | | | | | | | | | | | | | | | | | | | | | + |
| | | | | | + | | | | | | | | | | | | | | | | | | + |
| iject Cost (in tho | ousands \$) | : | | | | | | | | | | | | | | | | | | | | | |
| Activity | Totals \$ | : | 2015 | 10 | a l | 201 | .6 | 10 | | 20 | 17 | 10 | _ |)18 | 10 | | 20 | 19 | - 12 | | 20 | 20 | Ţ |
| Activity | Totals \$ | : | 2015 | 12 | 7 | 7 | 6 | 12 | 7 87 | 7 | 17 | 12 | 7 7 | 018 | 12 | 7 | 7 | 19 | 12 | 7 | 7 | 20 | Ŧ |
| Activity | Totals \$ | : | 2015 | 12 | 7 87 | 201 7 87 | 6 | 12 | 7 87 | | 17 | | _ | 018 | 12 | 7 87 | | 19 | 12 | 7 87 | | 20 | = + |
| Activity | Totals \$ | : | 2015 | 12 | 7 87 | 7 | 6 | 12 | 7 87 | 7 | 17 | | 7 7 | 018 | 12 | | 7 | 19 | 12 | | 7 | 20 | T + |
| Activity | Totals \$ | | FY 15/16 | Total = | 7 87 | 7 87 200 | FY 16/17 | Total = | 7 87 | 7 87 | FY 17/18 Total | 8 | 7 7 7 87 | FY 18/19 | | | 7 87 | FY 19/20 | | | 7 | 20 | |
| Activity L nstruction | Totals \$ 130 870 | | | Total = | 7 87 | 7 87 200 | | Total = | 7 87 | 7 87 | | 8 | 7 7 7 87 | | | | 7 87 | | | | 7 87 | 20 | |
| Activity L nstruction TOTAL | Totals \$ 130 870 1,000 | | FY 15/16 | Total = ed = | 7 87 2.5% | 7 87 200 | FY 16/17 | Total = | 7 87 | 7 87 | FY 17/18 Total | 8 | 7 7 7 87 200 | | Total = | | 7 87 | | Total = | | 7 87 | FY 2020 2.5% |) |
| Activity L instruction TOTAL | Totals \$ 130 870 1,000 | | FY 15/16 | Total = ed = | | 7 87 200 | FY 16/17 Encumber | Total = | 7 87 | 7 87 | FY 17/18 Total | = | 7 7 7 7 87 200 200 | FY 18/19 | Total = | 87 FY 2017 | 7 87 200 | FY 19/20 FY 2018 | Total = | 87 FY 2019 | 7 87 | FY 2020 2.5% | # # , = |
| Activity TOTAL h Flow Inflated Activity | Totals \$ 130 870 1,000 (in thousa | | FY 15/16 Encumber | Total = ed = | | 7 87 200 | FY 16/17 Encumber | Total = | 7 87 | 7 87 200 | FY 17/18 Total | = | 7 7 7 7 87 200 200 | FY 18/19 FY 2016 2.7% | Total = | 87 FY 2017 | 7 87 200 | FY 19/20 FY 2018 2.5% | Total = | FY 2019 2.5% | 7 87 200 | FY 2020 2.5% |) |
| Activity TOTAL h Flow Inflated Activity | Totals \$ 130 870 1,000 (in thousa | | FY 15/16 Encumber | Total = ed = | | 7 87 200 | FY 16/17 Encumber | Total = red = | 7 87 7 87 | 7 87 200 | FY 17/18 Total | = :. Inflation Ra | 7 7 7 7 87 200 200 | FY 18/19 FY 2016 2.7% | Total = | 87 FY 2017 2.5% | 7 87 200 | FY 19/20 FY 2018 2.5% | Total = | FY 2019 2.5% | 7 87 200 | FY 2020 2.5% |) |
| Activity L Instruction TOTAL h Flow Inflated Activity L | Totals \$ 130 870 1,000 (in thousa Totals \$ 130 | | FY 15/16 Encumbers Base Inflation 2015 | Total = ed = | 2.5% | 7 87 200 201 7 | FY 16/17 Encumber | Total = red = | 7 | 7 87 200 200 7 | FY 17/18 Total | = :. Inflation Ra | $ \begin{array}{c cccc} $ | FY 18/19 FY 2016 2.7% | Total = | 87 FY 2017 2.5% | 7 87 200 200 7 | FY 19/20 FY 2018 2.5% | Total = | FY 2019 2.5% | 7 87 200 200 7 | FY 2020 2.5% |) |
| Activity L Instruction TOTAL | Totals \$ 130 870 1,000 (in thousa Totals \$ 130 | | FY 15/16 Encumbers Base Inflation 2015 | Total = ed = | 2.5% | 7 87 200 201 7 87 | FY 16/17 Encumber | Total = red = | 7 | 200 200 7 87 | FY 17/18 Total | = E. Inflation Ra | 7 7 7 87 200 stes = 20 7 7 87 87 | FY 18/19 FY 2016 2.7% | Total = | 87 FY 2017 2.5% | 200 200 7 87 | FY 19/20 FY 2018 2.5% | Total = | FY 2019 2.5% | 7 87 200 200 7 | FY 2020 2.5% |) |

| | On-going 3/1/95 | | | Prio | rity: | 1 | | _ | | | Project N Route Nu | ame/Numbe | _ | Systemwie Systemwie | de Toll Plaz | za Projects | | | | | | # | - |
|-------------------------------|-------------------------|-----------|----------------------|---------|-------|-------------|-------------|-------------------|-------|-----|-----------------------|-------------|-------------|------------------------|-----------------|-------------|-----------------|-----|-----------------|-----------|-----------------|-----|-----------------|
| | 3/17/15 | | | | | | | _ | | | Project Ca | | | | & Replacen | nent Projec | ts | | | | | | |
| | RR | | | | | | | - | | | | scription: | | Toll Plaza | | | | | | | | | |
| Length (miles): | _ | | | | | | | - | | | | | | | Construction | on | | | | | | | |
| From: | - | | To: | - | | | | - - | | | | | | | o be detern | | | | | | | | |
| Project Schedule : | : | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 2015 | | | 20 | 16 | | | 20 | 17 | | | 20 | 018 | | | 20 | 019 | | | 20 | 20 |
| Design | | | 2013 | | | 20 | 10 | | | 20 | 1, | | | 20 | | | | | | | | 20 | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in the Activity | rousands \$) Totals \$ | : | 2015 | | | 20 | 16 | | | 20 | 17 | | | 20 | 018 | | | 20 | 019 | | | 20 | 20 |
| EAL | 50 | | | | 5 | 5 | | | 5 | 5 | | | 5 | 5 | | | 5 | 5 | | | 5 | 5 | |
| EAL Construction | 450 | | | | | 90 | | | | 90 | | | | 90 | | | | 90 | | | | 90 | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 500 | | FY 15/16 | | • | 100 | FY 16/17 | | • | 100 | FY 17/18 | 8 Total = | * | 100 | FY 18/19 | Total = | 3 | 100 | FY 19/2 | 0 Total = | | 100 | • |
| Cash Flow Inflate | d (in thousa | nds \$) : | Encumber Base Infla | ered = | 2.5% | | Encumbe | ered = | | | | Const. Infl | ation Rates | = | FY 2016 2.7% | | FY 2017 2.5% | | FY 2018 2.5% | ; | FY 2019 2.5% | | FY 2020 2.5% |
| Activity | Totals \$ | | 2015 | | | 20 | 16 | | | 20 | 17 | | | 20 | 018 | | | 20 | 019 | | | 20 | 20 |
| EAL | 50 | | - | - 1 | 5 | 5 | - | - | 5 | 5 | - | - | 5 | 5 | | - | 5 | 5 | | - | 5 | 5 | |
| Construction | 450 | | - | - | - | 90 | - | - | - | 90 | - | - | - | 90 | - | - | - | 90 | - | - | - | 90 | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 500 | | FY 15/16 | Total = | • | 100 | FY 16/17 | Total = | | 100 | FY 17/18 | 8 Total = | | 100 | FY 18/19 | Total = | | 100 | FY 19/20 | 0 Total = | | 100 | • |
| | | =" | Encumbe | red = | | | Encumbe | ered = | | | | | | | | | | | | | | | |
| | | | nd construction engi | | | total dolla | rs allocate | d per fiscal | vear. | | - | | | | | | | | | | | | |

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R&R 12 7/9/2015

| Date Originated : Last Revision : Fund Source : | On-going 7/1/14 4/22/15 RR | | To | - | ority : | 1 | | - - - - | | | Project Nan Route Num Project Cat Work Desc | iber : egory : | | Systemwi Renewal of Generator | de | | | Jpgrades | | | | # | - |
|---|--|---|----------|-----------|-----------|-------|----------|------------------|-----------|-----|--|-------------------|-------------|-------------------------------------|-----------------|---------|-----------------|----------|-----------------|-----------|-----------------|-------|-----------------|
| Project Schedule | ct Schedule : | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | _ | 2015 | | | 20 | 16 | | | 20 |)17 | | | 20 | 018 | | | 20 | 019 | | | 20 | 20 |
| Design Construction | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | - | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in th | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | Totals \$ | | 2015 | - 00 | 00 | 20 | 16 | 2.4 | 24 | 20 |)17 | 2.4 | 2.1 | 20 | 018 | Г | | 20 | 019 | 47 | 47. | 20 | 20 |
| EAL Construction | 638 4,248 | | 98 | 98 981 | 98 981 | | 34 | 34 336 | 34 336 | | 34 | 340 | 34 340 | | | 1 | | | 47 | 47 467 | 47 467 | | |
| Construction | 4,240 | | | 761 | 701 | | | 330 | 330 | | | 340 | 340 | | | | | | | 407 | 407 | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 4,886 | | FY 15/10 | 5 Total = | | 2,256 | FY 16/17 | Total = | | 773 | FY 17/18 | Total = | | 782 | FY 18/19 | Total = | | - | FY 19/20 | Total = | | 1,074 | |
| | | • | Encumbe | ered = | | | Encumbe | red = | | | | | | | | | | | | | | | |
| Cash Flow Inflate | Encumbered = Encumbered (in thousands \$): Base Inflation Rate = 2.5% | | | | | | | | | | | Const. Infl | ation Rates | | FY 2016 2.7% | | FY 2017 2.5% | | FY 2018 2.5% | | FY 2019 2.5% | | FY 2020 2.5% |
| Activity | Totals \$ | | 2015 | | | 20 | 16 | | | 20 |)17 | | | 20 | 018 | | | 20 | 019 | | | 20 | 20 |
| EAL | 638 | | 98 | | 98 | - | 34 | 34 | 34 | - | 34 | 34 | 34 | - | - | - | - | - | 47 | 47 | 47 | - | |
| Construction | 4,248 | | - | 981 | 981 | - | - | 336 | 336 | - | - | 340 | 340 | - | - | - | - | - | - | 467 | 467 | - | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 4,886 | 1 | FY 15/10 | 5 Total = | | 2,256 | FY 16/17 | Total = | Į. | 773 | FY 17/18 | Total = | | 782 | FY 18/19 | Total = | | - | FY 19/20 | Total = | Į. | 1,074 | ı |

89

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.

Encumbered =

Encumbered =

Generator replacement/upgrades at mainline and ramp plazas

| Current Status: | Construction | | | Pri | ority: | 1 | | | | | Project Na | ame/Number: | Syste | mwide Air Co | nditioner Re | placements | and Upgra | ades | | | # | - | |
|---------------------|---------------------------------------|---|------------|-------------|--------|-----|----------|-------|----|-----|------------|--------------------|---------|----------------|--------------|-----------------|-----------|-----------------|---------|-----------------|-----|-----------------|---|
| Date Originated: | 7/1/14 | | | • | _ | | | | | | Route Nu | mber: | Syste | mwide | | | | | | | | | |
| Last Revision : | 4/21/15 | | | | | | | | | | Project Ca | ategory : | Rene | wal & Replace | ment Projec | ts | | | | | | | |
| Fund Source : | RR | | | | | | | | | | Work Des | | | onditioner Re | | | | | | | | | |
| T 4 / 11 \ | - | | | | | | | | | | | | | gn & Construc | | | | | | | | | |
| From: | | | To: | _ | | | | | | | | | 20018 | , ce construe | | | | | | | | | |
| Troin. | - | | _ 10. | | | | | | | | | | | | | | | | | | | | |
| Project Schedule : | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | 2 | 2015 | | | 20 | 16 | | | 20 |)17 | | | 2018 | | | 20 |)19 | | | 20 |)20 | |
| Design | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in th | · · · · · · · · · · · · · · · · · · · | | | | | | | | | | | | | | | | | | | | | | |
| Activity | Totals \$ | | 2015 | | | 20 | | | | |)17 | | | 2018 | _ | | 20 |)19 | | _ | 20 |)20 | ı |
| EAL | 234 | | 23 | 82 | 13 | 13 | 13 | 36 | 8 | | | | | | | | | 18 | | 4 | 4 | | |
| Construction | 1,212 | | 231 | 231 | 130 | 130 | 130 | | 80 | 80 | 80 | | | | | | | | 40 | 40 | 40 | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 1,446 | | FY 15/16 | | | | FY 16/17 | | | 355 | FY 17/18 | 8 Total = | | 88 FY 18/1 | 9 Total = | | - | FY 19/20 | Total = | | 150 | | |
| | | | Encumbe | red = | | 508 | Encumber | red = | | |] | | | | | | | | | | | | |
| Cash Flow Inflate | d (in thousands \$) : | | Base Infla | tion Rate = | 2.5% | | | | | | | Const. Inflation l | Rates = | FY 201 2.7% | 5 | FY 2017 2.5% | | FY 2018 2.5% | | FY 2019 2.5% | | FY 2020 2.5% | |

| Activity | Totals \$ | 20 | 015 | | | 20 | 16 | | | 201 | 7 | | | 20 | 18 | | | 20 |)19 | | | 202 | 20 | |
|--------------|-----------|----|----------|---------|-----|-----|----------|---------|----|-----|----------|---------|---|----|----------|---------|---|----|----------|---------|----|-----|----|--|
| EAL | 234 | | 23 | 82 | 13 | 13 | 13 | 36 | 8 | 8 | 8 | - | - | - | - | - | - | - | 18 | 4 | 4 | 4 | | |
| Construction | 1,212 | | 231 | 231 | 130 | 130 | 130 | - | 80 | 80 | 80 | - | - | - | - | - | - | - | - | 40 | 40 | 40 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 1,446 | | FY 15/16 | Total = | | 853 | FY 16/17 | Total = | | 355 | FY 17/18 | Total = | | 88 | FY 18/19 | Total = | | - | FY 19/20 | Total = | | 150 | | |
| | | | Encumber | red = | | 508 | Encumber | 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.

Projects include: HVAC replacement/upgrades: FY 16 - Project 599-732 (construction): SR 417 mainline and ramp plazas; FY 16/17 - SR 408 mainline and ramp plazas; FY 17/18 - SR 429 mainline and ramp plazas; FY 20 - SR 414 mainline and ramp plazas

| Last Revision: | On-going 7/1/14 3/17/15 | | | | Prio | rity : | 1 | | - - - | | | Project Na Route Nun Project Car | nber : tegory : | <u>.</u> | Systemwic Renewal & | k Replacem | | S | | | | | # | - |
|-----------------------------------|-------------------------------|-----------|-------------------|-------|-------------------|--------|-------------|-------------|--------------|-------|-----|--|--------------------|-------------|------------------------|-----------------|---------|-----------------|-----|-----------------|---------|-----------------|-----|-----------------|
| Fund Source : Length (miles) : | RR | | | | | | | | - | | | Work Desc | cription: | _ | Roof Repl | Construction | _ | | | | | | | |
| From: | | | | To: - | | | | | - | | | | | | Design & | Constructio | 11 | | | | | | | |
| | | | | _ | | | | | - | | | | | - | | | | | | | | | | |
| Project Schedule : | : | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 2015 | | | | 20 | 16 | | | 20 | 17 | | | 20 | 18 | | | 201 | 19 | | | 20 | 20 |
| Design | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in the | ousands \$) Totals \$ | : | 2015 | | | _ | 20 | 016 | | | 20 | 17 | | | 20 | 018 | | | 201 | 10 | | | 20 | 20 |
| FAL | 200 | Т | | 15 | 15 | 5 | 5 | | 15 | 5 | 5 | 15 | 15 | 5 | 5 | | 15 | 5 | 5 | 15 | 15 | 5 | 5 | 20 |
| EAL Construction | 1,000 | | | 10 | 13 | 100 | 100 | 13 | 15 | 100 | 100 | 15 | 13 | 100 | 100 | 13 | 15 | 100 | 100 | 15 | 13 | 100 | 100 | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 1,200 | | | | Γotal = | | 240 | FY 16/17 | | | 240 | FY 17/18 | Total = | | 240 | FY 18/19 | Total = | | 240 | FY 19/20 | Total = | | 240 | |
| Cash Flow Inflate | d (in thouse | nds \$) : | Encur Base I | | ed = on Rate = | 2.5% | | Encumbe | red = | | | | Const Infl | ation Rates | = | FY 2016 2.7% | | FY 2017 2.5% | | FY 2018 2.5% | | FY 2019 2.5% | | FY 2020 2.5% |
| Activity | Totals \$ | +/ - | 2015 | | | | 20 | 116 | | | 20 | | | | | 018 | | | 201 | | | | 20 | |
| EAL | 200 | | | 15 | 15 | 5 | 5 | | 15 | 5 | 5 | 15 | 15 | 5 | 5 | | 15 | 5 | 5 | 15 | 15 | 5 | 5 | 20 |
| Construction | 1,000 | | | - | - | 100 | 100 | - | - | 100 | 100 | - | - | 100 | 100 | - | - | 100 | 100 | - | - | 100 | 100 | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 1,200 | | | | Γotal = | | 240 | FY 16/17 | | | 240 | FY 17/18 | Total = | | 240 | FY 18/19 | Total = | | 240 | FY 19/20 | Total = | | 240 | |
| | | | Encu | mbere | ed = | | | Encumbe | red = | | | | | | | | | | | | | | | |
| Remarks: EAL inc | | | nd construction e | | | | total dolla | rs allocate | l per fiscal | year. | | | | | | | | | | | | | | |

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R&R 15 7/9/2015

| Date Originated : Last Revision : Fund Source : | No Activit 5/4/15 5/4/15 RR - | У | | To: | | ority : | 1 | | | | | Project Na Route Nur Project Ca Work Des | tegory: | 1 | Systemwic | k Replacem acements | | | | | | | # | - | |
|---|---|-----------|----|-------------|-------------|---------|-----------|----------|---------|---|-----|---|-------------|-------------|-----------|------------------------|---------|-----------------|----|-----------------|---------|-----------------|----|-----------------|--|
| Project Schedule : | | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 20 |)15 | | | 20 | 16 | | | 20 |)17 | | | 20 | 18 | | | 20 |)19 | | | 20 | 20 | |
| Installation | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | · | | | | | | | | | | <u> </u> |
| Project Cost (in the Activity EAL | Totals \$ | | 20 |)15 | | | 20 | 10 | | | 20 | 10 | | Ī | 20 | 18 | | | 20 |)19 | I | | 20 | 20 | |
| Installation | 200 | | | | | | | 100 | | | | 100 | | | | | | | | | | | | | |
| mstariation | 200 | | | | | | | 100 | | | | 100 | | | | | | | | | | | | | |
| - | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 220 | | ļ | FY 15/16 | Total = | | - | FY 16/17 | Total = | | 110 | FY 17/18 | Total = | Į. | 110 | FY 18/19 | Total = | | - | FY 19/20 | Total = | | - | | 1 |
| | | L | | Encumber | red = | | | Encumber | red = | | | | | | | | | | | | | | | | |
| Cash Flow Inflated | d (in thousa | nds \$) : | | Base Inflat | tion Rate = | 2.5% | | | | | | • | Const. Infl | ation Rates | | FY 2016 2.7% | | FY 2017 2.5% | | FY 2018 2.5% | | FY 2019 2.5% | | FY 2020 2.5% | |
| Activity | Totals \$ | | 20 |)15 | | | 20 | 16 | | | 20 | 17 | | | 20 | 18 | | | 20 |)19 | | | 20 | 20 | |
| EAL | 20 | | | - | - | - | - | 10 | - | - | - | 10 | - | - 1 | - | - | - | - | - | - | - | - | - | | |
| Installation | 200 | | | - | - | - | - | 100 | - | - | - | 100 | _ | | - | - | _ | - | - | - | _ | - | - | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | <u> </u> |
| TOTAL | 220 | | | FY 15/16 | | | - | FY 16/17 | | | 110 | FY 17/18 | Total = | | 110 | FY 18/19 | Total = | | - | FY 19/20 | Total = | | - | | |
| | | | | Encumber | red = | | | Encumber | red = | | | J | | | | | | | | | | | | | |
| Remarks: EAL inc | | | | inspection | | 111 : 4 | -4-1 -11- | 1141 | C1 | | | | | | | | | | | | | | | | |

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R&R 16 7/9/2015

| Date Originated : 3/1/95 | Current Status : | On going | | | D. | ionitr. | 1 | | | | | Drainat Na | ma/Numba | | Customusi | ida Deidaa E |) maia ata | | | | | | # | |
|--|--------------------|--------------|----------|------------|--------------|----------|-----|----------|---------|---|----|------------|-------------|--------------|-----------|--------------|------------|---------|----|-----------|-----------|---------|-----|---------|
| Last Revision: | | | | | <u> </u> | iority . | 1 | | | | | | | _ | | | Tojects | | | | | | # | |
| Fund togeth Control | | | | | | | | | • | | | | | | | | ant Droine | to | | | | | | |
| Length (niles) : | | | | | | | | | | | | | | | | | | ıs | | | | | | |
| Project Schedule Project Cost (in the Usuards S) Project Cost (in th | | | | | | | | | | | | work Des | cription: | _ | | | | | | | | | | |
| Project Schedule: Activity 2015 2016 2017 2018 2019 2020 Design | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity 2015 2016 2017 2018 2019 2020 Construction | From: | | | | <u>-</u> | | | | | | | | | - | (Projects | to be detern | nined) | | | | | | | |
| Design | Project Schedule : | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | Activity | | | 2015 | | | 20 | 016 | | | 20 |)17 | | | 20 | 018 | | | 20 | 019 | | | 20: | 20 |
| Project Cost (in thousands \$): Activity Totals | Design | | | | | | | | | | | | | | | | | | | | | | | |
| Activity Totals 2015 2016 2017 2018 2019 2020 | Construction | | | | | | | | | | | | | | | | | | | | | | | |
| Activity Totals 2015 2016 2017 2018 2019 2020 | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity Totals 2015 2016 2017 2018 2019 2020 | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity Totals 2015 2016 2017 2018 2019 2020 | | | | | | | | | | | | | | | | | | | | | | | | |
| EAL 135 15 15 15 15 15 15 15 | | | : | 2015 | | | 20 | 116 | | | 20 | 117 | | | 20 | 010 | | | 20 | 010 | | | 200 | 20 |
| TOTAL 1,035 FY 15/16 Total = 345 FY 16/17 Total = - FY 17/18 Total = 345 FY 18/19 Total = - FY 19/20 Total = - 345 FY 2020 Cash Flow Inflated (in thousands \$): Base Inflation Rate = 2.5% Const. Inflation Rates = FY 2016 FY 2017 FY 2018 FY 2019 FY 2020 Activity Total \$ 2015 2016 2017 2018 2019 2020 EAL 135 - 15 15 15 - - - 15 15 | EAI | | | 2013 | 15 | 15 | | | | | 20 | | 15 | 15 | 20 | 010 | l | | | | 15 | 15 | 20. | 20 |
| TOTAL 1,035 FY 15/16 Total = 345 FY 16/17 Total = - FY 17/18 Total = 345 FY 18/19 Total = - FY 19/20 Total = - 345 FY 2020 Cash Flow Inflated (in thousands \$): Base Inflation Rate = 2.5% Const. Inflation Rates = FY 2016 FY 2017 FY 2018 FY 2019 FY 2020 Activity Total \$ 2015 2016 2017 2018 2019 2020 EAL 135 - 15 15 15 - - - 15 15 | Construction | | | | 13 | | | | | | | 13 | | | | | | | | 13 | | | | |
| Encumbered = Encu | Construction | 700 | | | | 130 | 150 | | | | | | 130 | 150 | | | | | | | 150 | 130 | | |
| Encumbered = Encu | | | | | | | | | | | | | | | | | | | | | | | | |
| Encumbered = Encu | TOTAL | 1 035 | | FY 15/16 | 5 Total = | | 345 | FY 16/17 | Total = | | | FY 17/18 | Total = | ļ | 345 | FY 18/19 | Total = | | | FY 19/20 |) Total = | | 345 | |
| Cash Flow Inflated (in thousands \$): Base Inflation Rate = 2.5% Const. Inflation Rates = FY 2016 FY 2017 FY 2018 FY 2019 FY 2020 2.5% Const. Inflation Rates = 2.7% 2.5% 2.5% 2.5% 2.5% Activity Totals 2015 2016 2017 2018 2019 2020 EAL 135 - 15 | 101112 | 1,000 | | | | | | | | | | 111/10 | 10141 | | | 1 1 10/17 | 101111 | | | 1 1 17/20 | 7 10111 | | 5.5 | |
| Cash Flow Inflated (in thousands \$): Base Inflation Rate = 2.5% Const. Inflation Rates = 2.7% 2.5% 2.5% 2.5% 2.5% Activity Totals \$ 2015 2016 2017 2018 2019 2020 EAL 135 - 15 15 15 - - - 15 15 - - - 150 150 - - - 150 150 - | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| Activity Totals \$ 2015 2016 2017 2018 2019 2020 EAL 135 - 15 15 15 15 15 15 15 15 15 15 15 15 15 15 15 15 - 15 15 15 15 15 15 15 15 15 15 15 15 15 | | | | | | | | | | | | | | | | FY 2016 | | FY 2017 | | FY 2018 | | FY 2019 | | FY 2020 |
| EAL 135 - 15 15 15 15 15 15 15 15 15 15 15 | Cash Flow Inflate | d (in thousa | nds \$): | Base Infla | ation Rate = | 2.5% | | | | | | | Const. Infl | lation Rates | = | 2.7% | | 2.5% | | 2.5% | | 2.5% | | 2.5% |
| EAL 135 - 15 15 15 15 15 15 15 15 15 15 15 | Activity | Totals \$ | | 2015 | | | 20 |)16 | | | 20 |)17 | | | 20 | 018 | | | 20 | 019 | | | 20 | 20 |
| TOTAL 1,035 FY 15/16 Total = 345 FY 16/17 Total = - FY 17/18 Total = 345 FY 18/19 Total = - FY 19/20 Total = 345 | EAL | | | | 15 | 15 | | | - | - | | | 15 | 15 | - | T | _ | - | | | 15 | 15 | 1 | |
| TOTAL 1,035 FY 15/16 Total = 345 FY 16/17 Total = - FY 17/18 Total = 345 FY 18/19 Total = - FY 19/20 Total = 345 | Construction | | | - | - | | | - | - | - | - | <u> </u> | | | - | - | - | - | - | _ | | | - | |
| | | 1 | | | 1 | | | | | | | | | | | 1 | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | TOTAL | 1,035 | | FY 15/16 | 5 Total = | | 345 | FY 16/17 | Total = | | - | FY 17/18 | Total = | | 345 | FY 18/19 | Total = | | _ | FY 19/20 |) Total = | I | 345 | l l |
| | | | ı | Encumbe | ered = | | | | | | | | | | | | | | | | | | | |

93

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.

Work includes the repair of cracks, joints & spalls.

| Fund Source : Length (miles) : From: | 4/1/01 4/1/15 RR | | | To: | - | ority: | 1 | | | | | Project Na Route Nur Project Ca Work Des | mber : itegory : | er: | Painting & Design & | de & Replace & Inspection | ment Projections | ts | | | | # | - | |
|--|------------------------|---|----|----------|---------|--------|-------|----------|---------|-----|-------|---|---------------------|--|---------------------|---------------------------------|------------------|--|-----|---------|-----------|----|-----|----------|
| Project Schedule : | • | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 20 |)15 | | | 20 | 16 | | | 20 |)17 | | | 20 | 018 | | | 2 | 019 | | 20 |)20 | |
| Design | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | <u> </u> |
| Project Cost (in the | nousands \$) : | | 20 |)15 | | | 20 | 16 | | | 20 |)17 | | | 20 | 018 | | | 2 | 019 | | 20 | 020 | |
| EAL | 1,110 | | | 240 | 65 | 65 | | 240 | 65 | 65 | | 240 | 65 | 65 | | | | | T - | | T | 1 | | |
| Construction | 4,890 | | | | 815 | 815 | | | 815 | 815 | | | 815 | 815 | | | | | 1 | 1 | 1 | | | † |
| | , | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 6,000 | | | FY 15/16 | Total = | | 2,000 | FY 16/17 | Total = | | 2,000 | FY 17/18 | Total = | <u>. </u> | 2,000 | FY 18/1 | 9 Total = | <u>. </u> | - | FY 19/2 | 0 Total = | - | | |
| | | _ | | Encumbe | red = | | | Encumber | red = | | • | | | | | | | | | 1 | | | | |

| Activity | Totals \$ | | 20 | 015 | | | 20 | 016 | | | 20 | 17 | | | 20 |)18 | | | 20 |)19 | | | 20 | 20 |
|--------------|-----------|---|----|------------|---------|-----|-------|----------|---------|-----|-------|----------|---------|-----|-------|----------|-----------|---|----|----------|---------|---|----|----|
| EAL | 1,110 | | | 240 | 65 | 65 | - | 240 | 65 | 65 | - | 240 | 65 | 65 | - | - | - | - | - | - | - | - | - | |
| Construction | 4,890 | | | - | 815 | 815 | - | - | 815 | 815 | - | - | 815 | 815 | - | - | - | - | - | - | - | - | - | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 6,000 | | | FY 15/16 T | Total = | | 2,000 | FY 16/17 | Total = | | 2,000 | FY 17/18 | Total = | | 2,000 | FY 18/19 | 7 Total = | | - | FY 19/20 | Total = | | - | |
| | · | _ | | Encumbere | ed = | | · | Encumber | ed = | | | | · | · | | · | | | · | | · | | | |

94

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.

Includes Project 599-734

| Date Originated : Last Revision : Fund Source : | No Activit 4/1/97 4/1/15 RR - | У | | To: | | ority : | 1 | | | | | Project Na Route Nu Project Ca Work Des | ategory: | er : | Systemwick Renewal & Fencing R Construction (Projects to | de & Replacen eplacemen on | nent Projec t | ts | | | | | # | - |
|---|---|-----------|---------------|---------------------|-------------|---------|-----|----------------------|--------|---|----|--|-------------|-----------|--|-------------------------------------|------------------|-----------------|----|-----------------|----------|-----------------|-----|-----------------|
| Project Schedule : | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 2015 | i | | | 20 | 16 | | | 20 | 017 | | | 20 | 018 | | | 20 |)19 | | | 20 | 20 |
| Construction | | | 2013 | | | | 20 | 10 | | | | 1 | | | 20 | 10 | T | | 20 | | | | 20 | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in th | | : | | | | | | | | | | | | | | | | | | | | | | |
| Activity | Totals \$ | | 2015 | 5 | | | 20 | 16 | | | 20 | 017 | | | 20 | 18 | | | 20 |)19 | | | 20 | 20 |
| EAL | 60 | | | | 20 | | | | | | | | 20 | | | | | | | | 20 | | | |
| Construction | 690 | | | | 230 | | | | | | | | 230 | | | | | | | | 230 | | | |
| | - | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 750 | | - | 77.15/16 | TD + 1 | | 250 | EV 16/17 | TD + 1 | | | EX. 17/10 |) TD . 1 | | 250 | EX 10/10 | TD + 1 | ļ | | EV 10/00 | TD . 1 | | 250 | |
| TOTAL | 750 | | | Y 15/16 Encumber | | | 250 | FY 16/17 Encumber | | | - | FY 17/18 | s i otai = | | 250 | FY 18/19 | 1 otai = | | - | FY 19/20 | 1 otal = | | 250 | |
| Cash Flow Inflate | d (in thousa | nds \$) : | В | ase Inflat | tion Rate = | 2.5% | | | icu – | | | J | Const. Infl | ation Rat | | FY 2016 2.7% | | FY 2017 2.5% | | FY 2018 2.5% | | FY 2019 2.5% | | FY 2020 2.5% |
| Activity | Totals \$ | | 2015 | 5 | | | 20 | 16 | | | 20 | 017 | | | 20 | 18 | | | 20 |)19 | | | 20 | 20 |
| EAL | 60 | | | - | 20 | - | = | - | - | - | - | - | 20 | - | - | - | - | - | - | - | 20 | - | - | |
| Construction | 690 | | | - | 230 | - | - | - | - | - | - | - | 230 | - | - | - | - | - | - | - | 230 | - | - | |
| | | | | | | | | | | | | | | | | | 1 | | | | | | | |
| mem. r | 750 | | - | 37.15/15 | m . 1 | | 250 | EV 16/15 | m . 1 | | | EX. 10/10 |) m . 1 | | 250 | EW 10/10 | | | | EV 10/20 | | | 250 | |
| TOTAL | 750 | | | Y 15/16 Encumber | | | 250 | FY 16/17 Encumber | | | - | FY 17/18 | 3 Total = | | 250 | FY 18/19 | Total = | | - | FY 19/20 | Total = | | 250 | |
| Remarks: EAL inc | | | and construct | | | | | | 1 6" 1 | | | | | | | | | | | | | | | |

95

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

Includes clearing of fence lines.

| Date Originated : Last Revision : | No Activit 4/1/97 3/16/15 RR | y . | To | Prior | rity: | 1 | | - - - - | | | Route Nu Project C | | | Systemwi Renewal Concrete Design & | de Bridge J de & Replacen Pavement I Construction | ment Projec Projects on | | Projects | | | | # | - |
|--------------------------------------|---------------------------------------|-----------|--|---------------|-------|------------|----------|------------------|-------|----|-----------------------|-----------|--------------|---|---|-------------------------------|-----------------|----------|-----------------|-----------|-----------------|-----|-----------------|
| Project Schedule : | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 2015 | | | 20 | 16 | | | 20 | 017 | | | 20 | 018 | | | 2 | .019 | | | 20 | 20 |
| Design | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in th | | : | | | | | | | | | | | | | | | | | | | | | |
| Activity | Totals \$ | | 2015 | | 0 | 20 | 16 | 1 | | 20 | 017 | 1 . | | | 018 | 1 | | 2 | 019 | | | 20 | 20 |
| EAL | 45 | | | 7 | 8 | | | | | | | | 7 8 | | | | | | | 7 | 8 | | |
| Construction | 255 | | | <u> </u> | 85 | | | | | | | | 85 | ' | | | | | | | 85 | | |
| | - | | | <u> </u> | | | | | | | | | _ | | | | | | | | | | |
| TOTAL | 200 | | FY 15/10 | T 1 | | 100 | FY 16/17 | TD . 4 . 1 | | | EV 17/1 | 8 Total = | | 100 | EN 10/10 | Tr. (.1 | | | ESZ 10/0/ | 0.75.4.1 | | 100 | |
| IOTAL | 300 | | Encumbe | | | 100 | Encumbe | | | - | FY 1//1 | 8 Total = | | 100 | FY 18/19 | rotal = | | | FY 19/20 | o rotai = | | 100 | |
| Cash Flow Inflate | , | nds \$) : | Base Infla | ation Rate = | 2.5% | | | icu – | | | J | Const. I | nflation Rat | | FY 2016 2.7% | | FY 2017 2.5% | | FY 2018 2.5% | | FY 2019 2.5% | | FY 2020 2.5% |
| Activity | Totals \$ | | 2015 | | | 20 | 16 | 1 | | 20 |)17 | | | | 018 | | | 2 | .019 | | | 20 | 20 |
| EAL | 45 | | - | 7 | 8 | - | - | - | - | - | - | | 7 8 | | - | - | - | - | - | 7 | 8 | - | |
| Construction | 255 | | - | - | 85 | - | - | - | - | - | - | - | 85 | - | - | - | - | - | - | - | 85 | - | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 300 | | FY 15/10 | | | 100 | | | | - | FY 17/1 | 8 Total = | | 100 | FY 18/19 | Total = | | - | FY 19/20 | 0 Total = | | 100 | |
| | | | Encumber and construction engineering assets and construction assets are constructed as a construction asset as a construction as a constr | neering & ins | | otal dolla | Encumbe | | year. | | | | | | | | | | | | | | |

96

R&R 20 7/9/2015

| Current Status : | Design | | | | Pri | iority : | 1 | | _ | | | Project Na | | | | de Reflectiv | e Pavemen | t Markers | & Thermo | Striping | | | # | - |
|---------------------|--------------|------------|----------|--|-------------|----------|-----|------------|---------|----|-----|------------|--------------|--------------|-------------|--------------|-----------|-----------|----------|------------|---------|---------|------|---------|
| Date Originated : | 4/1/99 | | | | | | | | _ | | | Route Nun | | | Systemwi | | | | | | | | | |
| Last Revision: | 4/21/15 | | | | | | | | - | | | Project Ca | | | | & Replacem | | S | | | | | | |
| Fund Source : | RR | | | | | | | | _ | | | Work Desc | cription: | | | lacement & | | | | | | | | |
| Length (miles): | | | | | | | | | _ | | | | | | | Construction | | | | | | | | |
| From: | | | | To: | - | | | | = | | | | | | (Projects t | o be determ | iined) | | | | | | | |
| Project Schedule | : | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 2015 | 5 | | | 20 | 016 | | | 20 |)17 | | | 20 | 018 | | | 20 | 019 | | | 20 | 20 |
| Design Bidding | | | | | | | | | | | | | | | | | | | | | | | | |
| Bidding | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in th | nousands \$) | : | | | | | | | | | | | | | | | | | | | | | | |
| Activity | Totals \$ | | 2015 | | | | 20 | 16 | | | 20 |)17 | | | 20 |)18 | | | 20 | 019 | | | 20 | 20 |
| EAL | 234 | | | 40 | 10 | 27 | | 14 | 10 | 10 | | 20 | 10 | 13 | | 22 | 10 | 15 | | 15 | 10 | 10 | | |
| Construction | 735 | | | | | 265 | | | | 95 | | | | 130 | | | | 145 | | | | 100 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAI | 969 | 1 | <u>L</u> | Y 15/16 | | | 341 | FY 16/17 | | | 129 | FY 17/18 | Total = | | 173 | FY 18/19 | Total = | | 191 | FY 19/20 | Total = | | 135 | |
| | | | _1 | Encumber | rea = | | | Encumbe | erea = | | |] | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | FY 2016 | | FY 2017 | | FY 2018 | | FY 2019 | | FY 2020 |
| Cash Flow Inflate | d (in thous | ands \$) · | R | ase Inflat | tion Rate = | 2.5% | | | | | | | Const Inf | lation Rates | · – | 2.7% | | 2.5% | | 2.5% | | 2.5% | | 2.5% |
| | | | | | tion Rate = | 2.370 | | | | | | | Collst. IIII | tation Rate. | | | | 2.370 | | | | 2.570 | | |
| Activity | Totals \$ | | 2015 | | | | 20 | 16 | | | 20 |)17 | | | 20 |)18 | | | 20 | 019 | | | 20 | 20 |
| EAL | 247 | | | 40 | 10 | 27 | - | 15 | 10 | 10 | - | 21 | 11 | 14 | - | 24 | 11 | 16 | - | 17 | 11 | 11 | - | |
| Construction | 782 | | | - | - | 270 | - | - | - | 99 | - | - | - | 139 | - | - | - | 160 | - | - | - | 113 | - | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| TOT 1 | 1.020 | | | 77.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7 | | | 240 | TT 1 4 4 5 | | | 101 | F77.45/40 | m . 1 | | 105 | TT 10/10 | | | 210 | FTT 10 (20 | | | 1.50 | |
| TOTAI | 1,029 | | l I | FY 15/16 | Total = | | 348 | FY 16/17 | Total = | | 134 | FY 17/18 | Total = | | 185 | FY 18/19 | Total = | | 210 | FY 19/20 | Total = | | 152 | |

97

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.

Encumbered =

Includes RPM replacements every 3 years and thermoplastic striping replacement every 6 years. FY 16 includes Year 2014 and 2015 RPM Replacements

Encumbered =

| Last Revision: | Construct 3/16/15 5/21/15 | on | | Pri | ority: | 1 | | - - | | | Route Nu Project Ca | ategory: | er: | SR 408 Signing ar | r Upgrades | | 8 | | | | | # | 599-616b |
|---------------------|---------------------------|------------|-----------------------|--------------|------------|--------|----------|---------|---|----|------------------------|--------------|-------------|----------------------|------------|---------|---------|---|----------|-----------|---------|----|----------|
| Fund Source : | RR | | | | | | | _ | | | Work Des | scription: | | Signing U | | | | | | | | | |
| Length (miles): | | | | | | | | = | | | | | | Construct | ion | | | | | | | | |
| From: | | | To: | | | | | - | | | | | | | | | | | | | | | |
| Project Schedule | : | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 2015 | | | 20 | 16 | | | 20 |)17 | | | 20 |)18 | | | 2 | 019 | | | 20 | 20 |
| Construction | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in th | | : | 2045 | | | 2/ | | | | - | \. | | | 24 | 240 | | | | 010 | | | 20 | |
| Activity | Totals \$ | | 2015 | 20 | 20 | 20 | 16 | ı | | 20 |)17 | 1 | | 20 |)18 | I | | 2 | 019 | T | | 20 | 20 |
| EAL Construction | 90 | | 30 | 30 | 30 | | | | | | | | | | | | | | | | | | |
| Construction | 1,050 | | 350 | 350 | 350 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 1 1 1 1 0 | | EV 15/16 | T- (-1 | | 1 1 40 | EV 16/17 | Tr. (.1 | | | EST 17/10 | 0.70.4.1 | | | EV 10/10 | T- (.1 | | | EV 10/20 |) T 1 | | | |
| TOTAL | 1,140 | 1 | FY 15/16 Encumber | | | 1,140 | FY 16/17 | | | - | FY 17/18 | 8 Total = | | - | FY 18/19 | Total = | | - | FY 19/20 | Total = | | - | |
| | | | Encumbe | rea = | | 1,140 | Encumbe | reu = | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | FY 2016 | | FY 2017 | | FY 2018 | | FY 2019 | | FY 2020 |
| Cash Flow Inflate | d (in thous | nde \$) : | Paga Infla | tion Rate = | 2.5% | | | | | | | Const. Inf | lation Data | .c. — | 2.7% | | 2.5% | | 2.5% | | 2.5% | | 2.5% |
| | , | iius φ). | | tion Rate – | 2.5 /0 | | | | | | | Collst. IIII | iation Rate | | | | 2.5 /0 | | | | 2.370 | | |
| Activity | Totals \$ | | 2015 | | | 20 | 16 | | | 20 |)17 | | | 20 |)18 | | | 2 | 019 | | | 20 | 20 |
| EAL | 90 | | 30 | 30 | 30 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Construction | 1,050 | | 350 | 350 | 350 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 1,140 | l | FY 15/16 | | | | FY 16/17 | | | - | FY 17/18 | 8 Total = | | - | FY 18/19 | Total = | | - | FY 19/20 |) Total = | | - | |
| | | | Encumbe | red = | | 1,140 | Encumbe | red = | | |] | | | | | | | | | | | | |
| D 1 E47 | | 1 . 1 1. | | | .• | | | | | | | | | | | | | | | | | | |
| Kemarks: EAL inc | ciudes desig | n, bidding | and construction engi | neering & ir | ispection. | | | | | | | | | | | | | | | | | | |

| Current Status : | No Activi | ty | | Pr | riority : | 1 | | | | | Project Na | me/Numbe | er: | Systemwie | de Trailblaz | er Upgrade | s | | | | | # | - |
|----------------------|-------------------------|-----------|------------|-------------|-----------|-----|----------|---------|----|-------|-------------|------------|--------------|-----------|--------------|------------|---------|-------|----------|---------|---------|-----|---------|
| Date Originated: | 5/26/12 | • | | • | - | | | | | | Route Nun | nber : | - | Systemwie | de | 10 | | | | | | | |
| Last Revision : | 5/21/15 | | | | | | | | | | Project Car | | | | nd Pavemen | t Markings | | | | | | | |
| Fund Source : | RR | | | | | | | | | | Work Desc | | | Signing U | | | | | | | | | |
| | _ | | | | | | | | | | | 1 | | | Constructio | n | | | | | | | |
| From: | - | | To: | - | | | | | | | | | - | | | - | | | | | | | |
| | | | | | | | | | | | | | - | | | | | | | | | | |
| Project Schedule : | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 2015 | | | 20 | 16 | | | 20 | 17 | | | 20 |)18 | | | 20 | 19 | | | 202 | 20 |
| Design Bidding | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in the | nousands \$) Totals \$ | : | 2015 | | | 20 | 16 | | | 20 | 17 | | | 20 | 018 | | | 20 |)19 | | | 202 | 20 |
| EAL | 710 | | 2013 | 70 | 10 | 40 | 40 | 70 | 10 | 40 | 40 | 70 | 10 | 40 | 40 | 100 | 10 | 60 | 60 | | | 20. | |
| EAL Construction | 4,500 | | | ,,, | 10 | 500 | 500 | , , | 10 | 500 | 500 | ,,, | 10 | 500 | 500 | 100 | 10 | 750 | 750 | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 5,210 | | FY 15/16 | Total = | | 620 | FY 16/17 | Total = | Į. | 1,160 | FY 17/18 | Total = | | 1,160 | FY 18/19 | Total = | | 1,460 | FY 19/20 | Total = | ! | 810 | • |
| | • | • | Encumbe | red = | | | Encumber | red = | | | | | | | | | | | • | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | FY 2016 | | FY 2017 | | FY 2018 | | FY 2019 | | FY 2020 |
| Cash Flow Inflate | d (in thousa | inds \$): | Base Infla | tion Rate = | 2.5% | | | | | | | Const. Inf | lation Rates | := | 2.7% | | 2.5% | | 2.5% | | 2.5% | | 2.5% |
| Activity | Totals \$ | | 2015 | | | 20 | 16 | | | 20 | 17 | | | 20 | 018 | | | 20 |)19 | | | 202 | 20 |
| EAL | 710 | | - | 70 | 10 | 40 | 40 | 70 | 10 | 40 | 40 | 70 | 10 | 40 | 40 | 100 | 10 | 60 | 60 | - | - 1 | - | |
| EAL Construction | 4,500 | | - | _ | | 500 | 500 | - | | 500 | 500 | - | | 500 | 500 | - | - | 750 | 750 | - | - | - | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | • | | | | | | • | | • | | | | | | | | | |
| TOTAL | 5,210 | | FY 15/16 | | | 620 | FY 16/17 | | | 1,160 | FY 17/18 | Total = | · | 1,160 | FY 18/19 | Total = | | 1,460 | FY 19/20 | Total = | | 810 | |
| | | | Encumbe | red = | | | Encumber | red = | | | | | | | | | | | | | | | |

99

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.

Includes SR 417 from I-Drive to SR 528 in 2016; 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.

| | Construction 3/11/15 | on | | Pr | iority : | 1 | | | | | Route Nu | | | SR 408, S | R 417 & SI | R 429 | ng Improvei | nents | | | | # | 599-729 | |
|--------------------------|----------------------|-----------|--------------|-------------|----------|------------|--------------|---------|---|----|------------------------|------------|--------------|------------|------------|---------|-------------|-------|-----------|-----------|---------|-----|---------|----------|
| Fund Source: | 5/21/15 RR | | | | | | | • | | | Project Ca Work Des | | | Signing In | nd Pavemer | | S | | | | | | | <u> </u> |
| Length (miles): From: | - | | To: | : - | | | | = | | | | | | Constructi | ion | | | | | | | | | |
| Project Schedule | : | | | | | | | • | | | | | | | | | | | | | | | | |
| Activity | | | 2015 | | | 20 | 16 | | | 20 |)17 | | | 20 |)18 | | | 2 | 019 | | | 20: | 20 | |
| Construction | | | | | | | | | | | | | | | 1 | | | | | | | | | \neg |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in th | | : | | | | | | | | | | | | | | | | | | | | | | |
| Activity | Totals \$ | | 2015 | | | 20 | 16 | | | 20 |)17 | | | 20 |)18 | | | 2 | 019 | | | 203 | 20 | |
| EAL | 58 | | 19 | | 19 | | | | | | | | | | | | | | | | | | | |
| Construction | 723 | | 241 | 241 | 241 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| mom. r | 504 | | T77. 4.5 (4. | (m - 1 | | 501 | 777.4.6/4.57 | m . 1 | | | TT 15/1/ | \ | | | F77.10/10 | | | | FX. 40/20 | \ | | | | |
| TOTAL | 781 | | FY 15/16 | | | | FY 16/17 | | | - | FY 17/18 | 3 Total = | | - | FY 18/19 | Total = | | _ | FY 19/20 | Total = | | - | | |
| | | | Encumbe | erea = | | /81 | Encumbe | rea = | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | FY 2016 | | FY 2017 | | FY 2018 | | FY 2019 | | FY 2020 | |
| Cash Flow Inflate | d (in thousa | nds \$) : | Base Infla | tion Rate = | 2.5% | | | | | | | Const. Inf | lation Rates | s = | 2.7% | | 2.5% | | 2.5% | | 2.5% | | 2.5% | |
| Activity | Totals \$ | | 2015 | | | 20 | 16 | | | 20 |)17 | | | 20 |)18 | | | 2 | 019 | | | 20: | 20 | |
| EAL | 58 | | 19 | 19 | 19 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - 1 | - | | |
| Construction | 723 | | 241 | 241 | 241 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAI | 781 | | FY 15/16 | 5 Total = | | 781 | FY 16/17 | Total = | | - | FY 17/18 | 3 Total = | | - | FY 18/19 | Total = | | - | FY 19/20 |) Total = | | - | | |
| | | | Encumbe | ared – | | 781 | Encumbe | rod – | | | | | | | | | | | | | | | | |

100

Remarks: EAL includes construction engineering & inspection.

Low bid \$723 thousand.

Includes guide sign improvements on SR 417 from SR 50 to Seminole Co. Line, SR 408 at the West SR 50 ramps and SR 429 from Avalon Road to Tilden Road.

R&R 24 7/9/2015

| Current Status: | Design | | | | Pri | iority : | 1 | | | | | Project Na | me/Numbe | er: | Systemwie | de Signing | Improveme | nt Projects | | | | | # | - | |
|-------------------------------|---------------|-----------|------|----------|-------------|----------|-----|----------|----------|----|-------|------------|------------|--------------|------------|--------------|------------|-------------|---|-----------|----------|---------|-------|---------|--|
| Date Originated: | 3/18/08 | | | | | _ | | | - | | | Route Nur | nber: | | Systemwie | de | | | | | | | | | |
| Last Revision: | 5/21/15 | | | | | | | | • | | | Project Ca | tegory: | | Signing ar | nd Pavemen | t Markings | | | | | | | | |
| Fund Source: | RR | | | | | | | | • | | | Work Des | | | Signing In | nprovement | ts | | | | | | | | |
| Length (miles): | - | | | | | | | | - | | | | _ | | Design & | Construction | n | | | | | | | | |
| From: | | | | To: | - | | | | <u>.</u> | | | | | | | | | | | | | | | | |
| Project Schedule | : | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 2015 | | | | 20 |)16 | | | 20 |)17 | | | 20 |)18 | | | 20 | 19 | | | 20 | 20 | |
| Design | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in the Activity | nousands \$) | | 2015 | | | | 20 |)16 | | | 20 |)17 | | | 200 |)18 | | | 20 | 119 | | | 20 | 20 | |
| EAL | 1,140 | | 2013 | 70 | 70 | 10 | 50 | | 50 | 65 | 65 | 10 | 50 | 50 | 50 | | 90 | 10 | 67 | 67 | 67 | 80 | 80 | 20 | |
| Construction | 5,030 | | | 70 | 70 | 10 | 510 | 510 | 510 | 03 | 03 | 10 | 500 | 500 | 500 | 90 | 90 | 10 | 665 | 665 | 670 | 80 | - 00 | | |
| Construction | 3,030 | | | | | | 310 | 310 | 310 | | | | 300 | 300 | 300 | | | | 003 | 003 | 070 | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAI | 6,170 | | FV | 15/16 | Total = | L | 710 | FY 16/17 | Total - | | 1,250 | FY 17/18 | Total - | | 1 660 | FY 18/19 | Total - | | 922 | FY 19/20 | Total - | | 1,628 | | |
| 101711 | 0,170 | 1 | | cumber | | | 710 | Encumber | | | 1,230 | 1 1 1//10 | Total – | | 1,000 | 1 1 10/17 | Total – | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 1 1 17/20 | Total – | | 1,020 | | |
| | | | | | | | | | | | | 1 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | FY 2016 | | FY 2017 | | FY 2018 | | FY 2019 | | FY 2020 | |
| Cash Flow Inflate | ed (in thousa | ands \$): | Bas | e Inflat | tion Rate = | 2.5% | | | | | | | Const. Inf | lation Rates | s = | 2.7% | | 2.5% | | 2.5% | | 2.5% | | 2.5% | |
| | , | | | | | | | | | | | | | | | | | | | | | | - | | |
| Activity | Totals \$ | | 2015 | | | 10 | |)16 | | | |)17 | | | |)18 | | | | 19 | | 0.0 | 20 | 20 | |
| EAL | 1,140 | | | 70 | 70 | 10 | 50 | | | 65 | 65 | 10 | 50 | 50 | 50 | 90 | 90 | 10 | 67 | 67 | 67 | 80 | 80 | | |
| Construction | 5,030 | | | - | - | - | 510 | 510 | 510 | - | - | - | 500 | 500 | 500 | - | - | - | 665 | 665 | 670 | - | - | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| mom A | (170 | | | 15/16 | TD + 1 | | 710 | EW 16/17 | m . 1 | | 1.050 | EX 17/10 | m . 1 | | 1.660 | EX. 10/10 | TD . 1 | | 022 | EV. 10/20 | TD . 1 | | 1.620 | | |
| TOTAI | 6,170 | 1 | FY | 15/16 | Total = | | /10 | FY 16/17 | ı otal = | | 1,250 | FY 17/18 | ı otal = | | 1,660 | FY 18/19 | ı otal = | | 922 | FY 19/20 | ı otal = | | 1,628 | | |

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

140 Encumbered =

Includes fluorescent sign replacement on SR 414 in FYs 16 and 17 (design and construction), and on SR 429/414 in FY 20 (design only).

Includes the following Guide Sign Improvement Projects: FYs 16 and 17 includes SR 408 from Hiawassee to I-4. FYs 17 and 18 includes SR 408 from I-4 to east of Yucatan Drive. FYs 19 and 20 includes SR 417 from I-Drive to Moss Park.

101

FY 20 starts design of SR 414, SR 528 from Goldenrod to Beachline Plaza and SR 417 from Moss Park to SR 528.

Encumbered =

Guide Sign Improvement Projects include LED lights.

| e Originated : | 3/17/15 | on | | Priority: | 1 | | - - | | Project Nam Route Numb | er: | - | | provement | | | | | | # | - | <u> </u> |
|----------------------------------|---------------------------------|-----------|---|---------------------------|-----------|---------------------|----------|---|---------------------------|-----------------|-----------|------------------------|-------------|-----------------|----|-----------------|---------|-----------------|----|---------|----------|
| | 4/28/15 | | | | | | - | | Project Cate | | | | nent Projec | ts | | | | | | | |
| | RR | | | | | | - | | Work Descr | iption : | A/C Impr | | | | | | | | | | |
| ngth (miles): | - | | To: | | | | <u>-</u> | | | | Construct | 10n | | | | | | | | | |
| m: | | | | - | | | - | | | | | | | | | | | | | | |
| ect Schedule : | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 2015 | | 20 |)16 | | 2 | 017 | | 20 | 018 | | | 20 |)19 | | | 20 |)20 | |
| struction | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| Activity | Totals \$ | | 2015 | 12 | 20 |)16 | | 2 | 017 | | 20 | 018 | | | 20 |)19 | | | 20 | 20 | |
| | 25 310 | | 12 155 | 12 | | | | | | | | | | | | | | | | | +- |
| | 310 | | 12 155 | 155 | | | | | | | | | | | | | | | | | Ħ |
| | | | | | | | | | | | | | | | | | | | | | \vdash |
| | | | | 155 | 335 | FY 16/17 | Total = | - | FY 17/18 T | otal = | - | FY 18/19 | Total = | | | FY 19/20 | Total = | | - | | |
| struction | 310 | | 155 | 155 Total = | | FY 16/17 Encumbe | | - | FY 17/18 T | otal = | - | FY 18/19 | Total = | | - | FY 19/20 | Total = | | - | | |
| struction | 310 | | 155 FY 15/16 | 155 Total = | | | | - | FY 17/18 T | otal = | - | | | EW 2017 | - | l | | FW 2010 | - | EV 2020 | |
| TOTAL | 310 | nds \$) : | FY 15/16 Encumber | 155 Total = red = | 335 | | | - | | | | FY 2016 | | FY 2017 | - | FY 2018 | | FY 2019 | - | FY 2020 | |
| TOTAL Flow Inflated | 310 335 | nds \$) : | FY 15/16 Encumber | 155 Total = red = | 335 | Encumbe | | | C | otal = | Rates = | FY 2016 2.7% | | FY 2017 2.5% | | FY 2018 2.5% | | FY 2019 2.5% | | 2.5% | |
| TOTAL Flow Inflated | 310 335 I (in thousa | nds \$) : | FY 15/16 Encumber Base Inflat 2015 | 155 Total = red = 2 | 335 5% | | | | | | Rates = | FY 2016 2.7% | | | | FY 2018 | | | | | |
| TOTAL Flow Inflated Activity | 310 335 (in thousa Totals \$ 25 | nds \$) : | 155 FY 15/16 Encumber Base Inflat 2015 | 155 Total = red = 2.: | 335 5% | Encumbe | | 2 | C | | Rates = | FY 2016 2.7% 018 | | | | FY 2018 2.5% | | | | 2.5% | |
| TOTAL Flow Inflated Activity | 310 335 I (in thousa | nds \$) : | FY 15/16 Encumber Base Inflat 2015 | 155 Total = red = 2 | 335 5% | Encumbe | | 2 | C | | Rates = | FY 2016 2.7% | | | | FY 2018 2.5% | | | | 2.5% | |
| TOTAL Flow Inflated Activity | 310 335 (in thousa Totals \$ 25 | nds \$) : | 155 FY 15/16 Encumber Base Inflat 2015 | 155 Total = red = 2.: | 335 5% | Encumbe | | 2 | C | | Rates = | FY 2016 2.7% 018 | | | | FY 2018 2.5% | | | | 2.5% | |
| TOTAL Activity struction TOTAL | 310 335 (in thousa Totals \$ 25 | nds \$) : | 155 FY 15/16 Encumber Base Inflat 2015 | 155 Total = red = 2.: | 335 | Encumbe | red = | 2 | C | onst. Inflation | Rates = | FY 2016 2.7% 018 | - | | | FY 2018 2.5% | - | | | 2.5% | |

R&R 26 7/9/2015

| te Originated : | No Activity 3/17/15 4/21/15 | у | | Prior | ity : | 1 | - - | | Project Nam Route Num Project Cate | | Systemwic | on of Field de Replacem | | ts | | | | | # | | <u> </u> |
|----------------------|-----------------------------------|-----------|-------------|-------------|-------|---------------------------------|-------------------|-----|--|--------------------|------------|-------------------------|---------------|-----------------|----|-----------------|----------|-----------------|----|-----------------|---------------|
| | RR | | | | | | - | | Work Desc | | Geolocatio | | ient i roject | | | | | | | | _ |
| ngth (miles): | - | | | | | | = | | WOIR Desc | ription . | Design & | | ation | | | | | | | | — |
| om: | - | | To: | = | | | - - | | | | Design & | тиристени | ation | | | | | | | | _ |
| oject Schedule : | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 2015 | | | 2016 | | 20 | 017 | | 20 | 18 | | | 20 | 19 | | | 20 | 20 | |
| ign | | | | | | | | | | | T | | | | | | | | | | $\overline{}$ |
| ding | | | | | | | | | | | | | | | | | | | | | |
| lementation | | | | | | | | | | | | | | | | | | | | | 1 |
| | | | | | | | | | | | | | | | | | | | | | 1 |
| | | | | | | | | | | | | | | | | | | | | | |
| ementation TOTAL | 50 250 - 300 | | FY 15/16 | | 10 | 10 10 125 125 165 FY 16/1 | | 135 | FY 17/18 | Total = | - | FY 18/19 | Total = | | | FY 19/20 | Total = | | - | | |
| | | | Encumber | red = | | Encumbe | ered = | | | | | | | | | | | | | | |
| | | | Encumber | | | Lileamov | | | _ | | | FY 2016 | | FY 2017 | | FY 2018 | | FY 2019 | | FY 2020 | |
| Flow Inflated | (in thousa | nds \$) : | | tion Rate = | 2.5% | Eliculio | | | | Const. Inflation R | dates = | FY 2016 2.7% | | FY 2017 2.5% | | FY 2018 2.5% | | FY 2019 2.5% | | FY 2020 2.5% | |
| | (in thousand Totals \$ | | | | 2.5% | 2016 | | 2 | 017 | Const. Inflation R | | | | | 20 | | | | 20 | 2.5% | |
| Activity | <u> </u> | | Base Inflat | | 2.5% | 1 | 1 - | 21 | | Const. Inflation F | | 2.7% | | | 20 | 2.5% | | | 20 | 2.5% | |
| Activity | Totals \$ | | Base Inflat | tion Rate = | | 2016 | | | | Const. Inflation F | | 2.7% | <u>-</u> | | 20 | 2.5% | <u>-</u> | | 20 | 2.5% | |
| Activity | Totals \$ 50 | | Base Inflat | tion Rate = | | 2016 10 10 | | | | Const. Inflation F | | 2.7% | - | | 20 | 2.5% | - | | 20 | 2.5% | |
| Activity Lementation | Totals \$ 50 | | Base Inflat | 20 - | | 2016 10 10 | | | | | | 2.7% | - | | 20 | 2.5% | - - | | 20 | 2.5% | |

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R&R 27 7/9/2015

| Current Status : Date Originated : Last Revision : Fund Source : Length (miles) : From: | Design 6/27/13 5/27/15 RR | | To: | | ority: | 1 | | | | | Project Na Route Nun Project Ca Work Desc | tegory: | | Systemw ITS Upgrade | | | | | | | | # | 599-525 | |
|--|------------------------------------|----------|-------------------------------------|------------|--------|-----|-------------------------------------|-------|-------|--------------|--|--------------|-------------|---------------------------|-----------------|---------|-----------------|----|-----------------|-----------|-----------------|----|-----------------|--|
| Project Schedule: | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 2015 | | | 20 | 016 | | | 20 |)17 | | | 2 | 2018 | | | 20 |)19 | | | 20 | 20 | |
| Design Bidding | | | | | | | | | | | | | | | | | | | | | | | | |
| Bidding | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in the Activity EAL Construction TOTA | Totals \$ 89 4,00 |) | 2015 160 FY 15/16 Encumber | | 160 | 490 | 100 1,000 FY 16/17 Encumbe | | 100 | 100 1,000 | 017 FY 17/18 | Total = | | | FY 18/19 | Total = | | 20 | FY 19/20 |) Total = | | 20 | 20 | |
| Cash Flow Inflated | l (in thousar | ds \$) : | Base Inflat | ion Rate = | 2.5% | | | | | | 1 | Const. Infla | ation Rates | = | FY 2016 2.7% | | FY 2017 2.5% | | FY 2018 2.5% | | FY 2019 2.5% | | FY 2020 2.5% | |
| Activity | Totals \$ | | 2015 | | | |)16 | | | |)17 | | | 2 | 2018 | | | 20 |)19 | | | 20 | 20 | |
| EAL | 90 | | 160 | 160 | 160 | 10 | 103 | 103 | 103 | 103 | - | - | - | - | - | - | - | - | - | - | - | - | | <u> </u> |
| Construction | 4,13 | 5 | - | - | - | - | 1,034 | 1,034 | 1,034 | 1,034 | - | - | - | - | - | - | - | - | - | - | - | - | | <u> </u> |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTA | L 5,03 | 3 | FY 15/16 Encumber | | | | FY 16/17 Encumbe | | | 4,547 | FY 17/18 | Total = | | - | FY 18/19 | Total = | | - | FY 19/20 |) Total = | | - | | <u>. </u> |

104

R&R 28 7/9/2015 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: | On-going 4/15/10 5/21/15 RR | | | То: | - | iority : | 1 | | - - - - | | | Project N Route Nu Project C Work De | ategory: | er: | Systemwi ITS | to IP Traff | | grade ment Came | ras | | | | # | - | |
|--|--------------------------------------|--------------|-------------|---------------------|--------------|-------------|-------------|---------------------|------------------|---------------|------------|---|------------|-------------|-----------------|-----------------|-----------|--------------------|-----|-----------------|-----------|-----------------|--|-----------------|--|
| Project Schedule : | | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 20 |)15 | | | 20 |)16 | | | 20 |)17 | | | 20 | 018 | | | 20 |)19 | | | 20 | 20 | |
| Implementation | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in th | ousands \$): | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | Totals \$ | | 20 |)15 | | | 20 |)16 | | | 20 |)17 | | | 20 | 018 | | | 20 |)19 | | | 20 | 20 | |
| Implementation | 750 | | | 150 | | | | 150 | | | | 150 | | | | 150 | | | | 150 | | | ' | | |
| | | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTA | L 750 | | | FY 15/16 Encumbe | | | 150 | FY 16/17 Encumbe | | | 150 | FY 17/1 | 8 Total = | ļ | 150 | FY 18/19 | Total = | <u> </u> | 150 | FY 19/20 |) Total = | 1 | 150 | <u> </u> | |
| Cash Flow Inflated | d (in thousand | s \$): | | Base Infla | tion Rate = | 2.5% | | | | | | | Const. Inf | lation Rate | es = | FY 2016 2.7% | | FY 2017 2.5% | | FY 2018 2.5% | | FY 2019 2.5% | | FY 2020 2.5% | |
| Activity | Totals \$ | | 20 |)15 | | | 20 |)16 | | | 20 |)17 | | | 20 | 018 | | | 20 |)19 | | | 20 | 20 | |
| Implementation | 794 | | | 151 | - | - | - | 155 | - | - | - | 159 | - | - | - | 163 | - | - | - | 167 | - | - | | | |
| | | | | | | | | | | | | | | | | | | | | | | | <u> </u> | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTA | L 794 | I | 151 | FY 16/17 | Total = | I | 155 | FY 17/1 | 8 Total = | 1 | 159 | FY 18/19 | Total = | ı | 163 | FY 19/20 |) Total = | 1 | 167 | 1 | J | | | | |
| | | _ | | Encumbe | red = | | | Encumbe | red = | | | | | | | | | | | | | | | | |
| Remarks: Migratio | on of existing | analog traff | ic manager | nent CCTV | cameras to | o IP camera | ıs, which v | vill result ir | n more cost | t-effective i | naintenanc | e. | | | | | | | | | | | | | |
| Funds w | ill cover purc | hase of appi | roximately | 36 cameras | s per year (| | | | | | | | | | | | | | | | | | | | |
| Includes | purchase of 2 | 4-port laye | r 2 switche | s for field o | abinets. | | | | | | | | | | | | | | | | | | | | |

R&R 29

7/9/2015 FY 16-20

| Current Status: Date Originated: Last Revision: Fund Source: Length (miles): From: | No Activity 3/11/15 5/21/15 RR - | To: - | | ority: | 1 | | - - - - | | | Project Na Route Nur Project Ca Work Des | itegory: | System ITS Upgrad | wide Tone W wide e Tone Wire & Construct | System | es | | | | | # - | |
|--|---|---|-------------------|--------|----------|----------------------|------------------|--------------|--|---|-----------------|-------------------------|---|---------|-----------------|----|-----------------------------|---------|-----------------|------------|--|
| roject Schedule : | | | | | | | | | | | | | | | | | | | | | |
| Activity | | 2015 | | | 20 |)16 | | | 20 | 17 | | | 2018 | | | 20 |)19 | | | 2020 | |
| esign idding onstruction | | T | | | | | | | | | | | | T | | | | | | | |
| dding | | 1 1 | | | | | | | | | | | | | | | | | | | |
| onstruction | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | thousands \$): Totals \$ 2015 658 65 3,288 | | | | | | | | | | | | | | | | | | | | |
| Activity L nstruction | 658 | 2015 | | 65 | 65 | 65 | 10 | 151 1,096 | 151 1,096 | 151 1,096 | | | 2018 | | | 20 |)19 | | | 2020 | |
| L nstruction | 658 3,288 | | | 65 | 65 | 65 | | | 151 1,096 | 151 1,096 | | | | | | 20 | | | | 2020 | |
| Activity AL onstruction TOTA | 658 3,288 | FY 15/16 7 | | 65 | 65 | 65 FY 16/17 | Total = | | 151 1,096 | 151 | Total = | | 2018 17 FY 18/1 | Total = | | - |)19 FY 19/20 | Total = | | 2020 | |
| L Instruction TOTA | 658 3,288 L 3,946 It (in thousands \$): | FY 15/16 T Encumbers | ed = | 2.5% | 130 | FY 16/17 Encumber | Total = | | 151 1,096 2,569 | 151 1,096 FY 17/18 | Total = | 1,24 on Rates = | FY 2016 2.7% | | FY 2017 2.5% | - | FY 19/20 FY 2018 2.5% | Total = | FY 2019 2.5% | - FY 2 2.5 | |
| TOTA sh Flow Inflated | 658 3,288 L 3,946 d (in thousands \$): | FY 15/167 | ed = | 2.5% | 130 | FY 16/17 Encumber | Total = red = | 1,096 | 151 1,096 2,569 | 151 1,096 FY 17/18 | | 1,24 on Rates = | FY 2016 | | | - | FY 19/20 | Total = | | - FY 2 | |
| L nstruction TOTA sh Flow Inflated Activity | 658 3,288 L 3,946 d (in thousands \$): | FY 15/16 T Encumbers | ed = | | 130 | FY 16/17 Encumber | Total = cred = | 1,096 | 151 1,096 2,569 2,569 | 151 1,096 FY 17/18 | Const. Inflatio | 1,24 on Rates = | FY 2016 2.7% | | | - | FY 19/20 FY 2018 2.5% | Total = | | - FY 2 2.5 | |
| TOTA sh Flow Inflated | 658 3,288 L 3,946 d (in thousands \$): | FY 15/16 T Encumbers | ed = on Rate = | 2.5% | 130 | FY 16/17 Encumber | Total = red = | 1,096 | 151 1,096 2,569 | 151 1,096 FY 17/18 | Const. Inflatio | 1,24 on Rates = | FY 2016 2.7% | | | - | FY 19/20 FY 2018 2.5% | | | - FY 2 2.5 | |
| AL onstruction TOTA ssh Flow Inflated | 658 3,288 L 3,946 It (in thousands \$): Totals \$ 682 3,441 | FY 15/16 TEncumbers Base Inflati 2015 | ed = on Rate = | 2.5% | 22 66 | FY 16/17 Encumber | Total = ered = | 1,096 | 151 1,096 2,569 2,569 20 158 1,147 | 151 1,096 FY 17/18 | Const. Inflatic | 1,24 on Rates = | FY 2016 2.7% | - | | - | FY 19/20 FY 2018 2.5% | - | | - FY 2 2.5 | |

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Upgrade existing tone wire system to improve accuracy of fiber optic locates, improve reliability of the system, and reduce cost of long-term maintenance.

| Current Status: | On-going | Priority: | 2 | Project Name/Number: | Systemwide Discretionary Landscape Projects | # - |
|------------------|----------|-------------|---|----------------------|---|-----|
| Date Originated: | 3/1/95 | | | Route Number: | Systemwide | |
| Last Revision: | 5/21/15 | | | Project Category: | Landscape Projects | |
| Fund Source: | SP | | | Work Description: | Landscaping | |
| Length (miles): | - | | | | Design & Construction | |
| From: | - | To: | | | 5 yr Landscaping Program | |
| Duning Calmadada | | | | | | |

Project Schedule:

| Activity | 20 | 015 | | 2 | 016 | | 20 | 017 | | 20 | 018 | | 2 | 019 | | 20 |)20 | |
|--------------|----|-----|--|---|-----|--|----|-----|--|----|-----|--|---|-----|--|----|-----|--|
| Design | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | |
| Maintenance | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |

Project Cost (in thousands \$):

| Activity | Totals \$ | | 20 |)15 | | | 20 | 16 | | | 20 | 17 | | | 20 | 18 | | | 201 | .9 | | | 202 | 20 | |
|--------------|-----------|--------------------------------|----|----------|---------|-----|-------|----------|---------|-----|-------|----------|---------|-----|-------|----------|---------|-----|-------|----------|---------|-----|-------|----|--|
| EAL | 650 | | | 60 | 35 | 35 | | 60 | 35 | 35 | | 60 | 35 | 35 | | 60 | 35 | 35 | | 60 | 35 | 35 | | | |
| Construction | 4,250 | | | | 425 | 425 | | | 425 | 425 | | | 425 | 425 | | | 425 | 425 | | | 425 | 425 | | | |
| Maintenance | 100 | | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 5,000 | | • | FY 15/16 | Total = | | 1,000 | FY 16/17 | Total = | | 1,000 | FY 17/18 | Total = | • | 1,000 | FY 18/19 | Total = | | 1,000 | FY 19/20 | Total = | • | 1,000 | • | |
| | | FY 15/16 Total = Encumbered = | | | | | | Encumber | red = | | | | | | | | | | | | | | | | |

| Activity | Totals \$ | | 2015 | | | | 20 | 16 | | | 20 | 17 | | | 20 | 018 | | | 20 | 19 | | | 202 | 0 | |
|--------------|-----------|---|------|--------|---------|-----|-------|----------|---------|-----|-------|----------|---------|-----|-------|------------|--------|-----|-------|----------|---------|-----|-------|---|--|
| EAL | 650 | | | 60 | 35 | 35 | - | 60 | 35 | 35 | - | 60 | 35 | 35 | - | 60 | 35 | 35 | - | 60 | 35 | 35 | - | | |
| Construction | 4,250 | | | - | 425 | 425 | - | - | 425 | 425 | - | - | 425 | 425 | - | - | 425 | 425 | - | - | 425 | 425 | - | | |
| Maintenance | 100 | | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 5,000 | | FY 1 | 5/16 T | Γotal = | | 1,000 | FY 16/17 | Total = | | 1,000 | FY 17/18 | Total = | | 1,000 | FY 18/19 T | otal = | | 1,000 | FY 19/20 | Total = | | 1,000 | | |
| | · | • | Encu | mbere | ed = | · | | Encumber | ed = | | · | | | · | · | | | | · | | · | | | | |

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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.

| | No Activ | ty | | P | riority: | 1 | | _ | | | Project Na | | er: | Goldenro | d Road Res | urfacing | | | | | | # | 800-903D |
|---------------------------|--|----|----------|-----------|----------|----|----------|---------|---|----|------------|------------|--------------|-----------|-----------------|----------|-----------------|---|-----------------|-----------|-----------------|----|-----------------|
| Date Originated : | | | | | | | | _ | | | Route Nu | | | | | | | | | | | | |
| Last Revision: | 4/1/15 | | | | | | | _ | | | Project Ca | | | | em Projects | 3 | | | | | | | |
| Fund Source: | NSP | | | | | | | _ | | | Work Des | cription: | | Mill & Re | | | | | | | | | |
| | 0.9 | | | | | | | _ | | | | | | Construct | ion | | | | | | | | |
| From: | Lee Vista | | То | Narcooss | ee Road | | | = | | | | | • | | | | | | | | | | |
| Project Schedule | | | | | | | | | | | | | | | | | | | | | | | |
| Activity | | | 2015 | | | 20 | 016 | | | 20 | 017 | | | 20 | 018 | | | 2 | .019 | | | 20 | 20 |
| Bidding | | | | | | | | | | | | | | | | | | | | | | | |
| Bidding Construction Sect | ion B | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Project Cost (in the | ousands \$) | | 2015 | | | 20 | 016 | | | 20 | 017 | | | 20 | 018 | | | 2 | 019 | | | 20 | 20 |
| EAL | 91 | | 2013 | | | 20 | | | | | 10 | 41 | 41 | 20 | 310 | | | | .017 | | | 20 | |
| Construction B | 813 | | | | | | | | | | 10 | 407 | 406 | | | | | | | | | | |
| Construction B | 010 | | | | | | | | | | | .07 | .00 | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAI | 904 | | FY 15/10 | 5 Total = | | - | FY 16/17 | Total = | | | FY 17/18 | Total = | | 904 | FY 18/19 | Total = | ! | _ | FY 19/20 |) Total = | | _ | |
| | | 1 | | | | - | Encumbe | | | | | | | | 1 | | | | 1 | | | | |
| Cash Flow Inflate | sh Flow Inflated (in thousands \$): Base Inflation Rate = | | | | | | | | | | _ | Const. Inf | lation Rates | ; = | FY 2016 2.7% | | FY 2017 2.5% | | FY 2018 2.5% | | FY 2019 2.5% | | FY 2020 2.5% |
| Activity | Totals \$ | | 2015 | | | 20 | 16 | | | 20 | 017 | | | 20 | 018 | | | 2 | .019 | | | 20 | 20 |
| EAL | 97 | | - | - | - | - | - | - | - | 11 | 43 | 43 | - | - | - | - | - | - | - | - | - | | |
| Construction B | 867 | | - | - | - | - | - | - | - | - | - | 434 | 433 | - | - | - | - | - | - | - | - | - | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAI | 964 | | FY 15/10 | o Total = | | - | FY 16/17 | Total = | | - | FY 17/18 | Total = | <u> </u> | 964 | FY 18/19 | Total = | | _ | FY 19/20 |) Total = | | - | |

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

Estimated construction cost for Section B is \$813 thousand (2014\$). Section B is from Lee Vista to Narcoossee Road.

Encumbered =

Design for Section B is complete. Section A construction, from Cargo Road to Lee Vista, which included Friction Course Repair on SR 528 at the SR 528/Goldenrod Road Interchange is complete.

- Encumbered =