

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

**AGENDA
CENTRAL FLORIDA EXPRESSWAY AUTHORITY
BOARD WORKSHOP
May 30, 2018
10:00 a.m.**

**Meeting location: Central Florida Expressway Authority
Pelican Conference Room
4974 ORL Tower Road
Orlando, FL 32807**

A. CALL TO ORDER / PLEDGE OF ALLEGIANCE

B. PUBLIC COMMENT

Pursuant to Rule 1-1.011, the governing Board for CFX has set aside at least 15 minutes at the beginning of each regular meeting for citizens to speak to the Board on any matter of public interest under the Board's authority and jurisdiction, regardless of whether the public interest is on the Board's agenda but excluding pending procurement issues. Each speaker shall be limited to 3 minutes.

C. BUDGET - FY 2019 OPERATIONS, MAINTENANCE & ADMINISTRATION AND FY 2019 THROUGH FY 2023 FIVE YEAR WORK PLAN

D. BOARD MEMBER COMMENT

E. ADJOURNMENT

This meeting is open to the public.

Section 286.0105, Florida Statutes states that if a person decides to appeal any decision made by a board, agency, or commission with respect to any matter considered at a meeting or hearing, he or she will need a record of the proceedings, and that, for such purpose, he or she may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based.

In accordance with the Americans with Disabilities Act (ADA), if any person with a disability as defined by the ADA needs special accommodation to participate in this proceeding, then not later than two (2) business days prior to the proceeding, he or she should contact the Central Florida Expressway Authority at 407-690-5000.

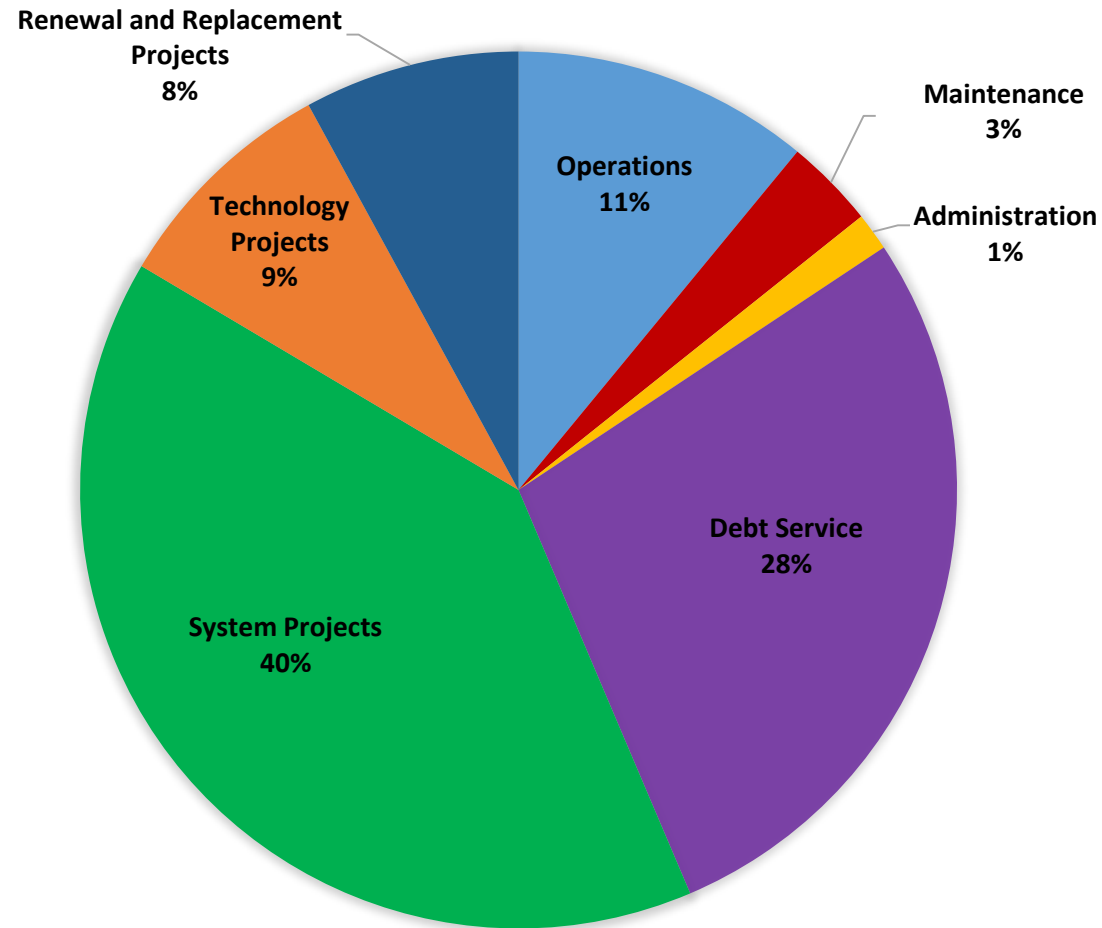
Persons who require translation services, which are provided at no cost, should contact CFX at (407) 690-5000 x5317 or by email at Iranetta.dennis@CFXway.com at least three business days prior to the event.

The logo for the Central Florida Expressway Authority is centered in the upper portion of the image. It consists of a white rectangular box with two horizontal orange bars, one above and one below the text. The text is arranged in four lines: 'CENTRAL' and 'FLORIDA' in black, 'EXPRESSWAY' in orange, and 'AUTHORITY' in black. The background of the entire slide is a photograph of a multi-level highway interchange with concrete overpasses and a grassy embankment under a clear blue sky.

**CENTRAL
FLORIDA
EXPRESSWAY
AUTHORITY**

DRAFT
FY 2019 OPERATIONS, MAINTENANCE & ADMINISTRATION BUDGET
and
FY 2019 – FY 2023 FIVE YEAR WORK PLAN
May 30, 2018

Total Proposed Spending for FY 2019



Projected Revenues

	<u>FY 2018</u>	<u>FY 2019</u>	<u>Change</u>	<u>%</u>
Tolls	\$430,500,000	\$460,900,000	\$30,400,000	7.1%
Fees	5,840,000	7,248,500	1,408,500	24.1%
Transponder Sales	226,460	286,700	60,240	26.6%
Other Operating	1,399,646	1,349,670	(49,976)	-3.6%
Interest	3,118,625	3,469,550	350,925	11.3%
Miscellaneous	1,010,268	1,037,350	27,082	2.7%
Total Revenues	\$442,094,999	\$474,291,770	\$32,196,771	7.3%

Proposed Operations Budget

FY 2018 Budget	FY 2019 Budget	Change	%
\$57,173,411	\$63,606,058	\$6,432,648	11.3%

Cost Increases:

Service Center

- Contract personnel – wage increase for CSRs
- Interoperability transaction fee – increased traffic
- Credit card fees – increased traffic
- Dues and subscriptions – new agreement for license plate look up

Proposed Maintenance Budget

FY 2018 Budget	FY 2019 Budget	Change	%
\$17,831,023	\$19,937,227	\$2,106,204	11.8%

Cost Increases:

Maintenance Administration

- Contract personnel – security and inspector
- Motorist service patrol agreement – additional patrol for Wekiva Parkway

Routine Maintenance

- Roadway and Bridges Maintenance – Wekiva Parkway

Proposed Administrative Budget

FY 2018 Budget	FY 2019 Budget	Change	%
\$8,135,422	\$8,366,477	\$231,055	2.8%

Cost Increases:

General

- Insurance – cyber insurance
- Facilities maintenance – additional building hours

Cost Decreases:

Records Management

- Professional services – bringing a position in house

Major OM&A Capital Items and Projects

Major Capital Items and Projects:

- IT equipment and software
- Purchase of 2 vehicles
- Security equipment
- New timesheet software
- Changes to corporate website

Proposed OM&A Budget – Debt Service Ratio

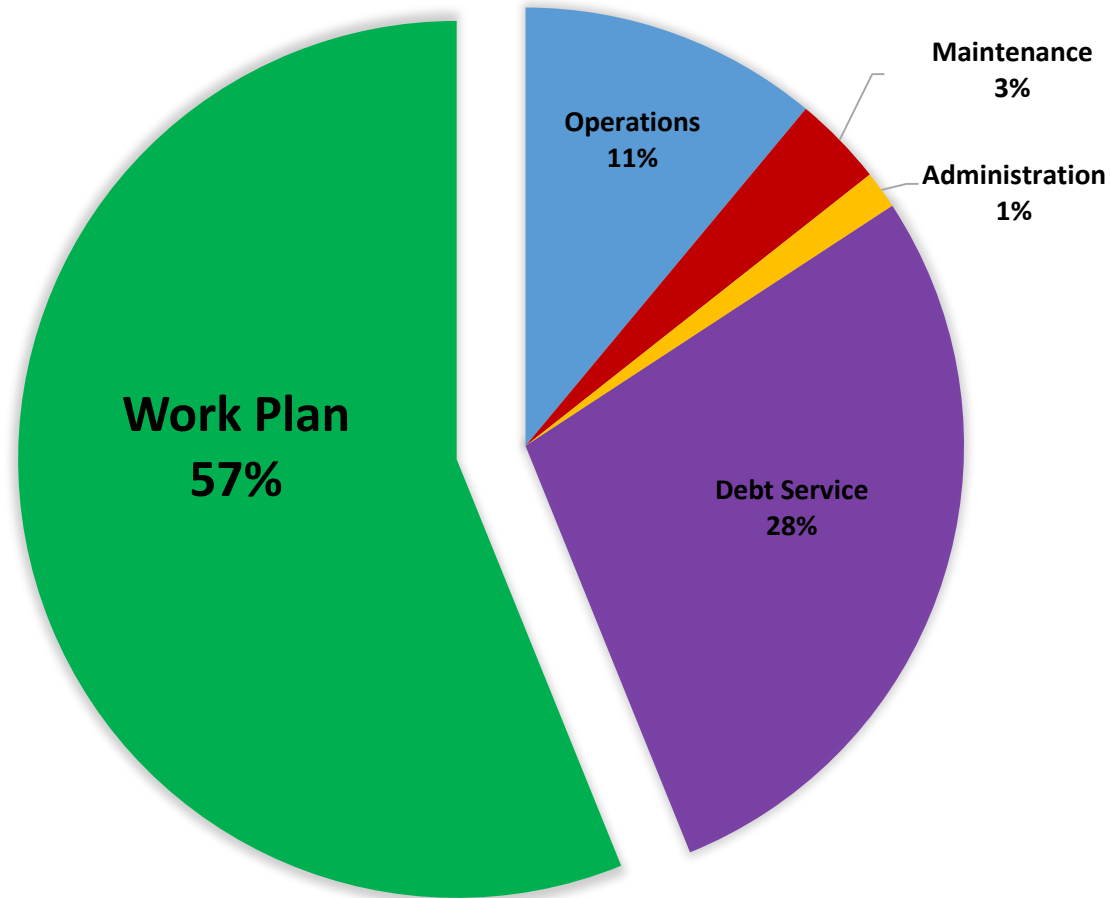
	<u>FY 2018 Budget</u>	<u>FY 2018 Projected</u>	<u>FY 2019 Budgeted</u>
Total Revenues	\$442,094,999	\$452,323,274	\$474,291,770
Total Expenses	85,675,454	82,673,809	94,363,512
OM&A Reserve Deposits	735,436	735,436	1,086,007
FDOT Advances	(7,022,890)	(6,916,087)	(7,070,420)
Net Revenues	<u>\$362,706,999</u>	<u>\$375,830,116</u>	<u>\$385,912,671</u>
Senior Debt Service Payments	<u>\$162,955,205</u>	<u>\$162,955,205</u>	<u>\$160,988,513</u>
Senior Debt Service Ratio	<u>2.23</u>	<u>2.31</u>	<u>2.40</u>

Proposed OM&A Budget – Goldenrod Road Extension

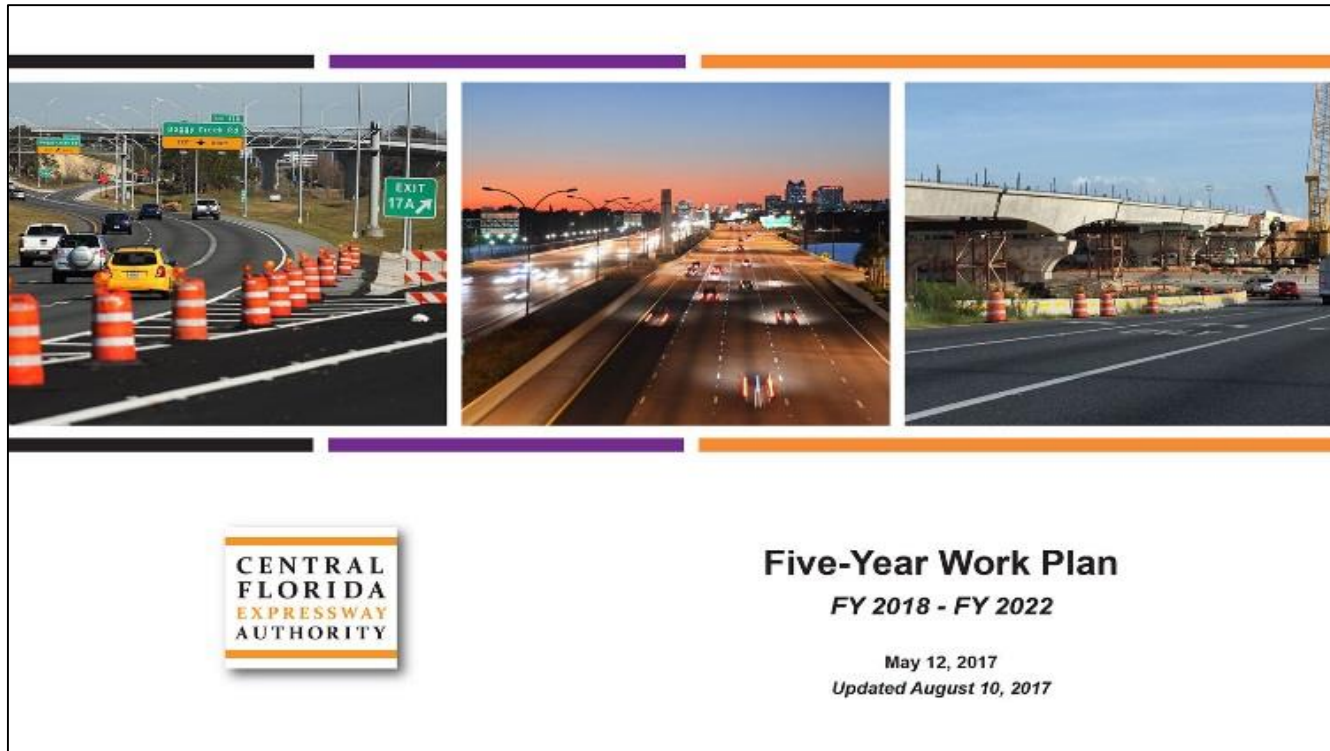
Goldenrod Budget

- Total operations and maintenance expense budget - \$449,734
- Toll revenue budget - \$2,200,000

Total Proposed Spending for FY 2019



Current Five-Year Work Plan



Adopted May 2017

- \$1.65 B

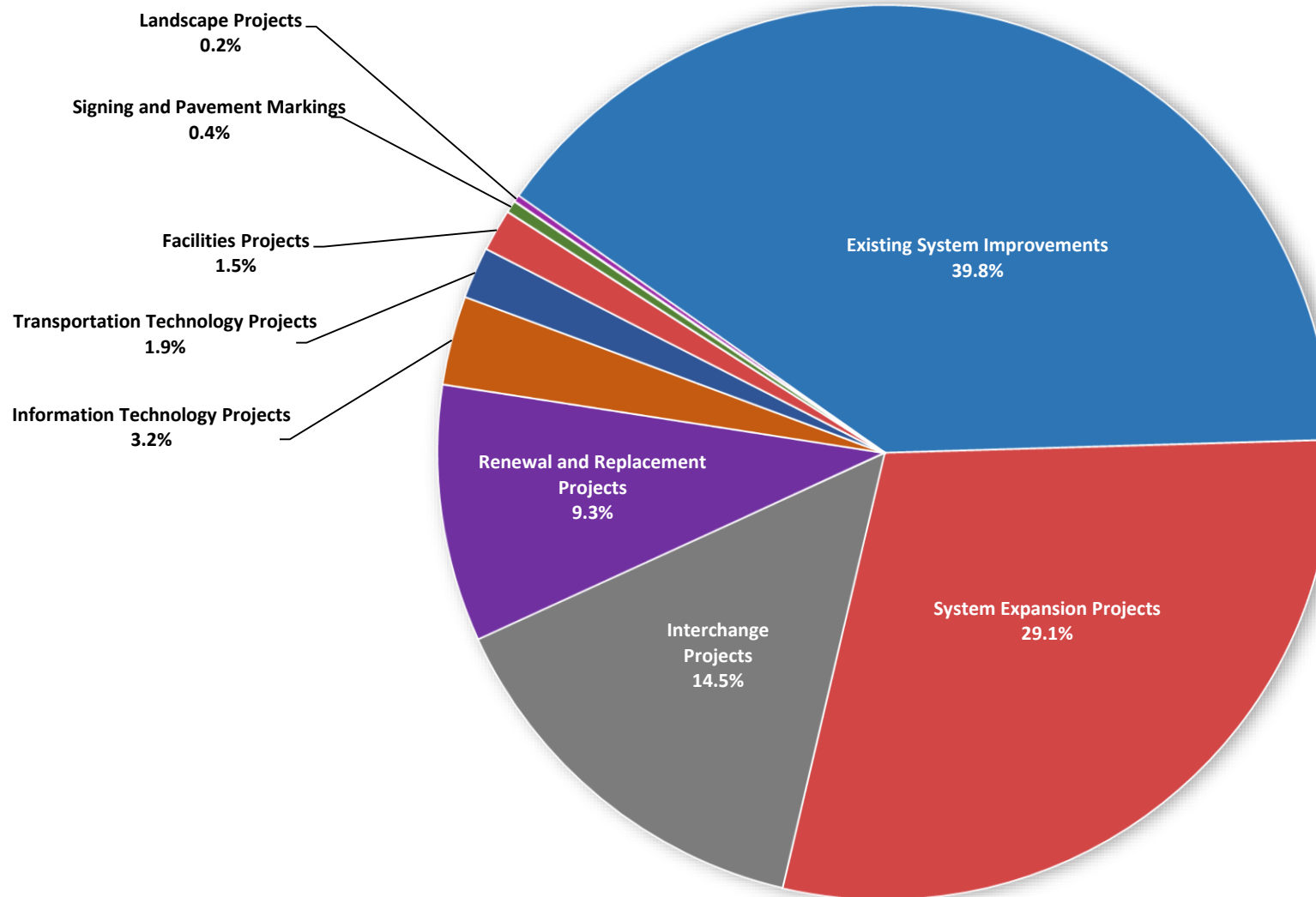
Major Accomplishments:

- Wekiva Parkway Open to Public
- SR 528 / Innovation Way Interchange Open to Public
- SR 408 / SR 417 Interchange - Phase I Complete
- OCX Master Plan Concept Studies Complete

Draft FY 2019-2023 Work Plan

Project Cost Summary (\$000's)	Fiscal Year					Totals
	2018/19	2019/20	2020/21	2021/22	2022/23	
Existing System Improvements	96,128	153,340	309,648	152,794	46,983	758,894
System Expansion Projects	12,420	12,149	37,645	105,784	387,140	555,138
Interchange Projects	117,416	96,314	6,617	12,350	43,704	276,401
Facilities Projects	11,811	12,735	1,704	1,554	1,155	28,959
Transportation Technology Projects	14,065	9,009	5,554	3,989	3,138	35,755
Information Technology Projects	37,259	16,689	7,251	0	0	61,199
Signing and Pavement Markings	1,837	2,847	1,966	1,392	180	8,222
Renewal and Replacement Projects	44,000	58,165	31,203	35,335	8,119	176,822
Landscape Projects	810	805	1,435	810	805	4,665
Non-System Projects	0	0	0	0	0	0
TOTALS	335,746	362,053	403,023	314,008	491,223	1,906,054

Draft Work Plan Funding Distribution



Draft Work Plan Major Projects

Capacity Improvements → \$729.8 M

- SR 408 from SR 417 to Alafaya Trail
- SR 417 from I-Drive to SR 528
- SR 417 from Econ Trail to Seminole County Line
- SR 429 from Florida's Turnpike to SR 414
- SR 528 from SR 436 to Goldenrod Road
- SR 528 from Narcoossee Road to Innovation Way

Draft Work Plan Major Projects

Interchange Projects → \$266.4 M

- SR 408 / SR 417
 - Phase II Complete in Summer 2019
- SR 408 / I-4 Ultimate
- SR 528 / Dallas Boulevard

Draft Work Plan Major Projects

Expansion Projects → \$533.3 M

- Lake / Orange Connector (Potential)
 - US 27 to SR 429
- SR 408 Eastern Extension (Potential)
 - Challenger Pkwy. to Avalon Park Blvd.
- Osceola Parkway Extension (Potential)
 - Jeff Fuqua Blvd. to Sunbridge Pkwy. (Future)
- Poinciana / I-4 Connector (Potential)
 - Cypress Pkwy. to Kinny Harmon Rd.
- Southport Connector (Potential)
 - Pleasant Hill Rd. to Canoe Creek Rd.

Draft Work Plan Major Projects

Milling & Resurfacing → \$135.6 M

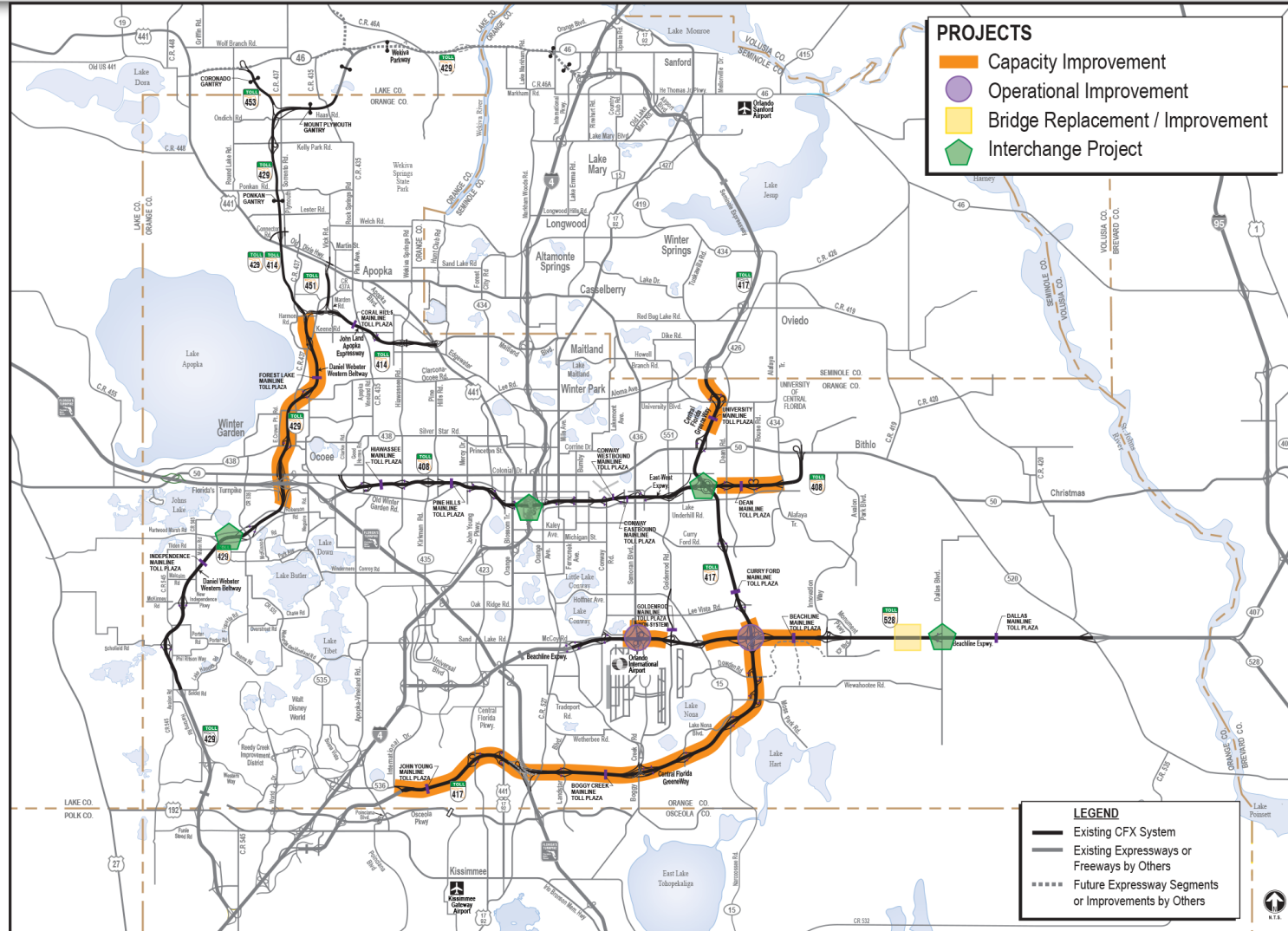
Toll Collection System Upgrade → \$25.7 M

E-PASS Back Office Update → \$19.6 M

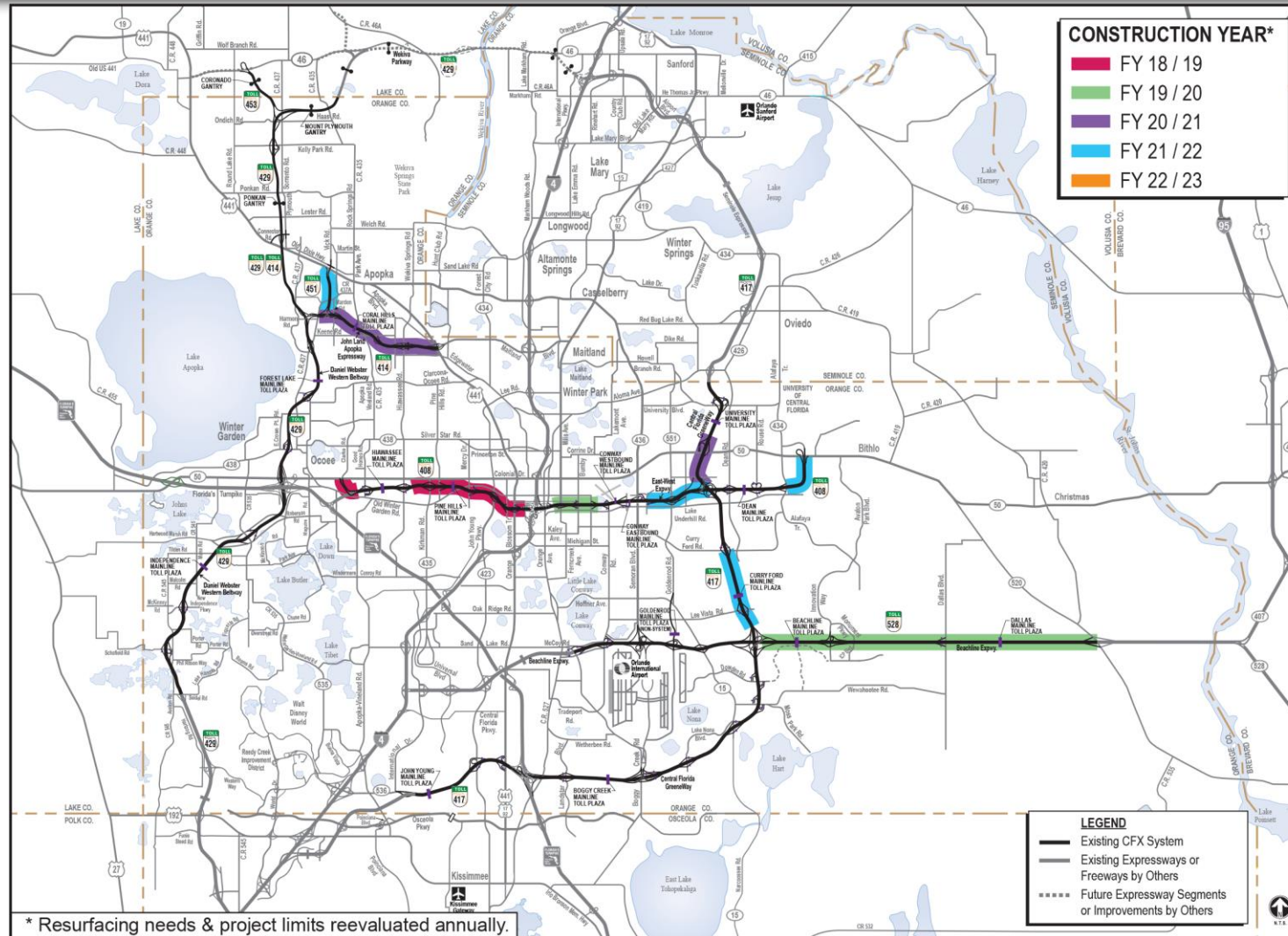
Connected Vehicle Technology → \$2.3 M

Transportation Technology Master Plan → \$0.2 M

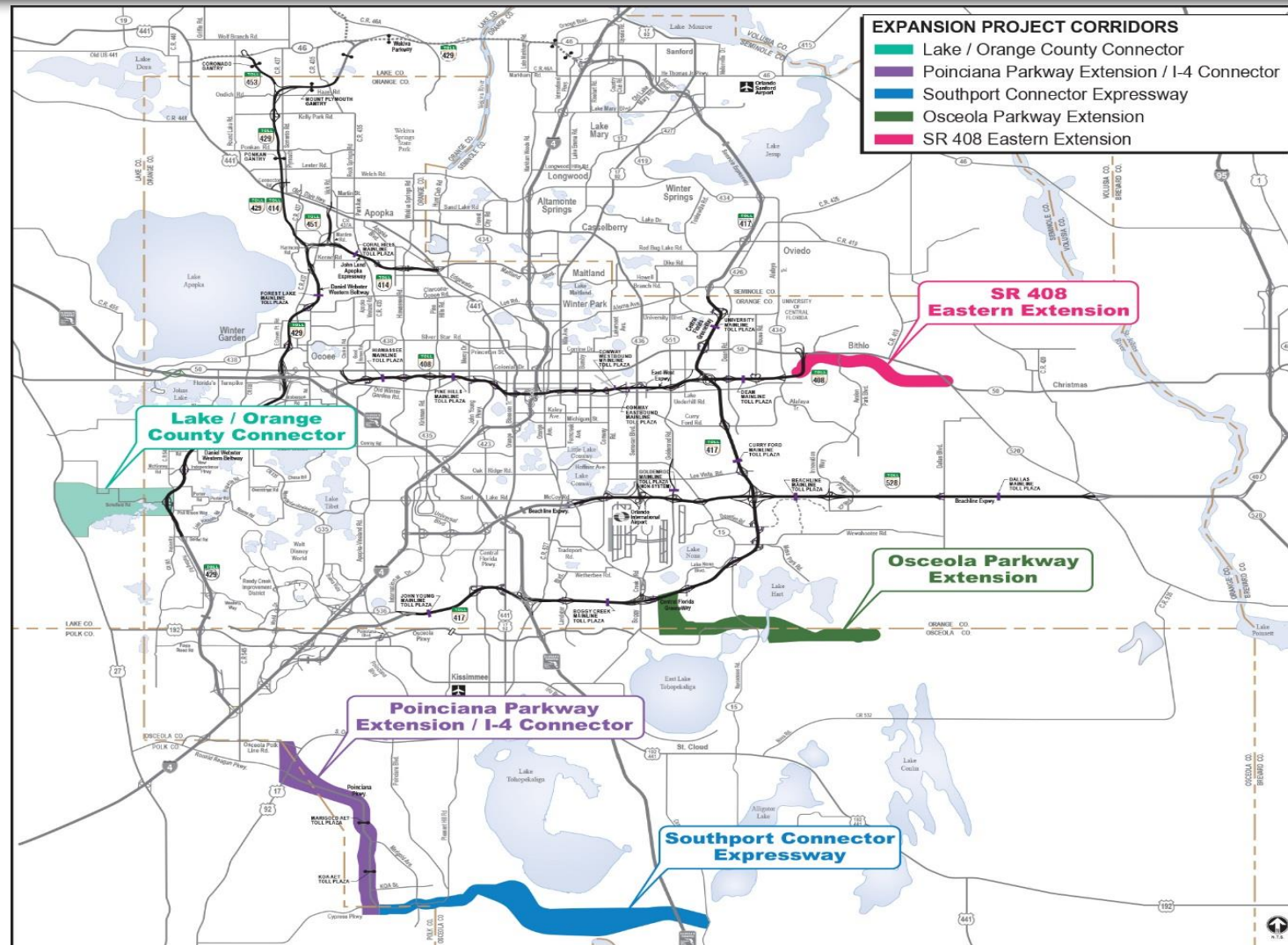
Draft Work Plan Major Projects



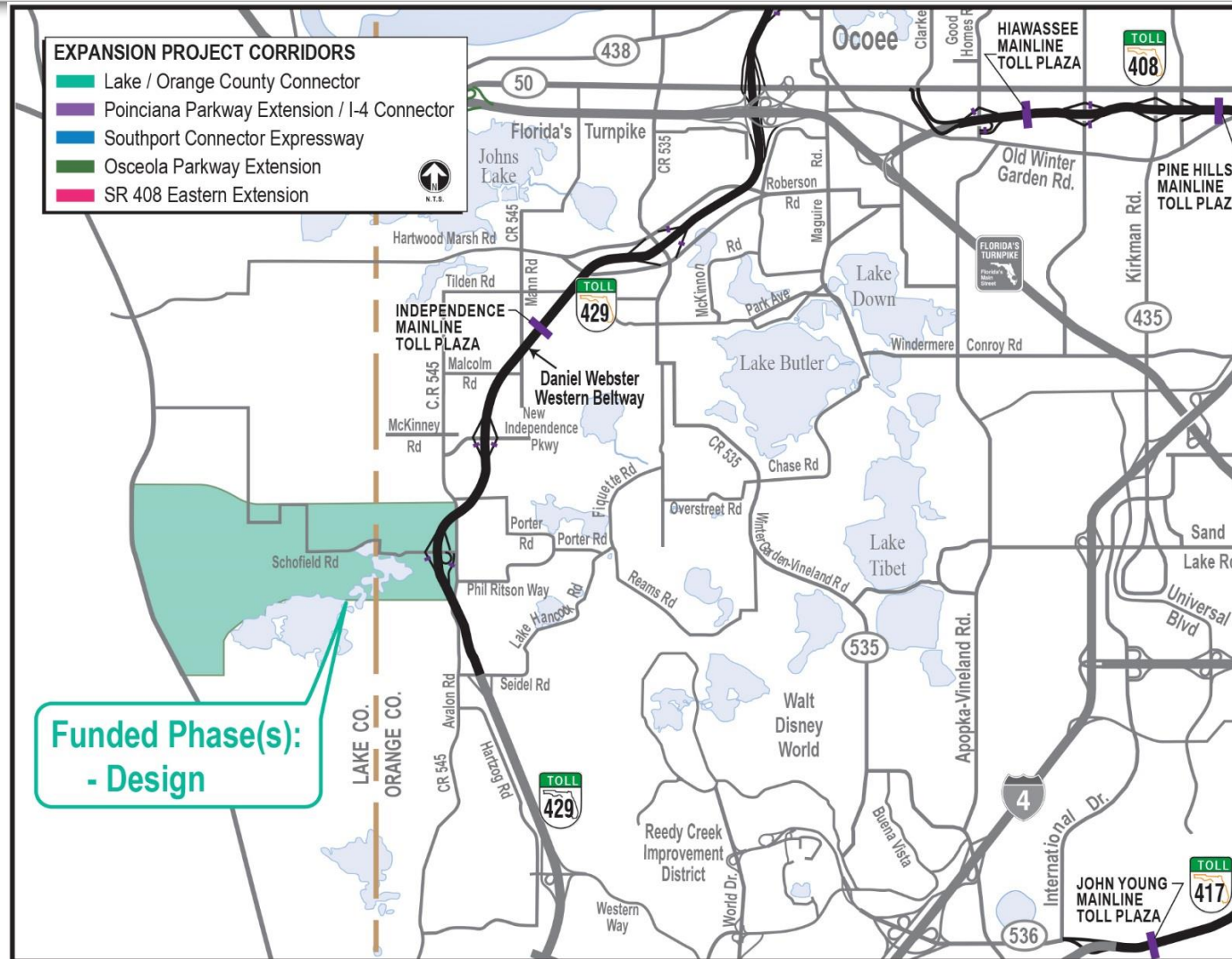
Draft Work Plan Major Resurfacing Projects



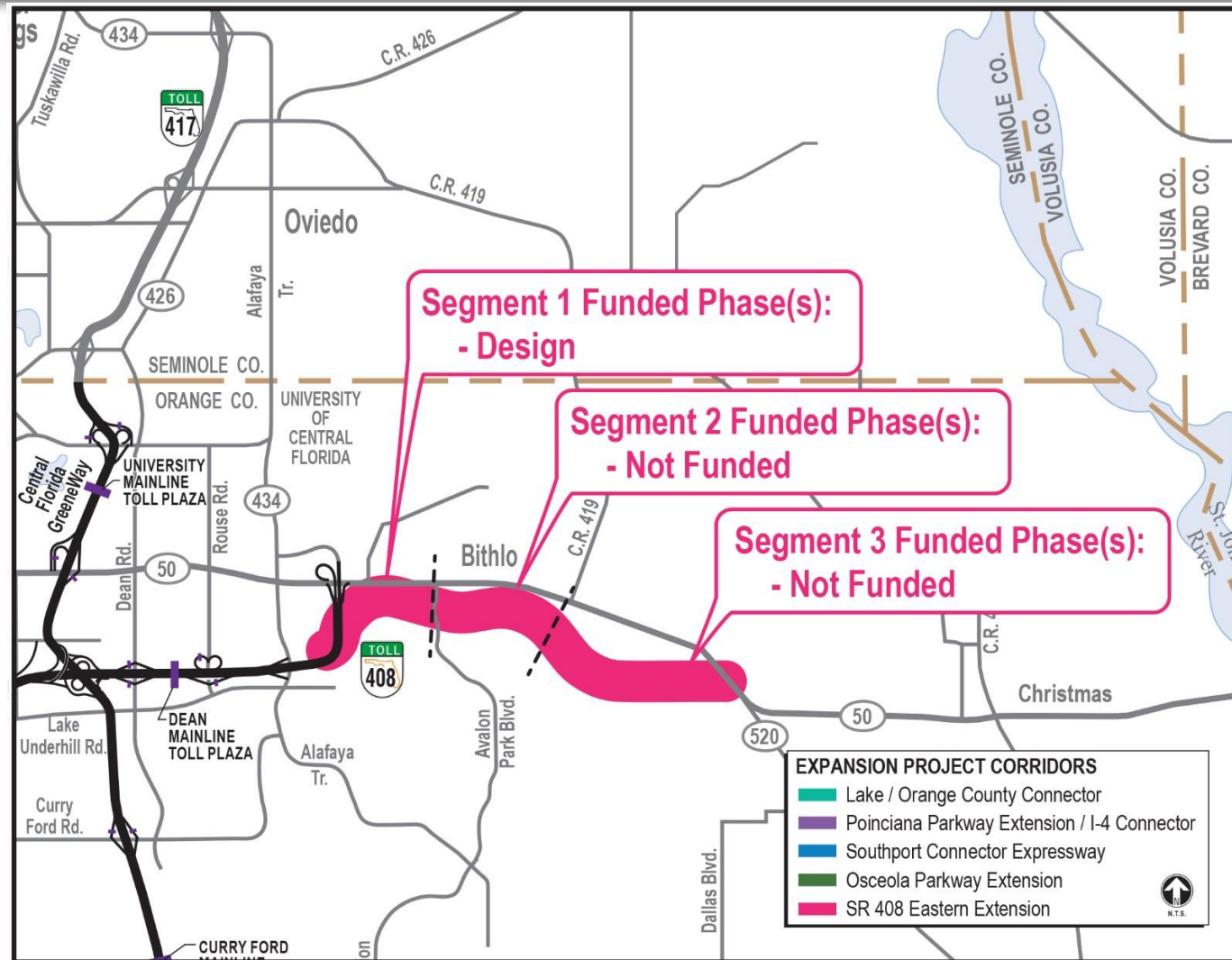
Draft Work Plan Expansion Projects (Potential)



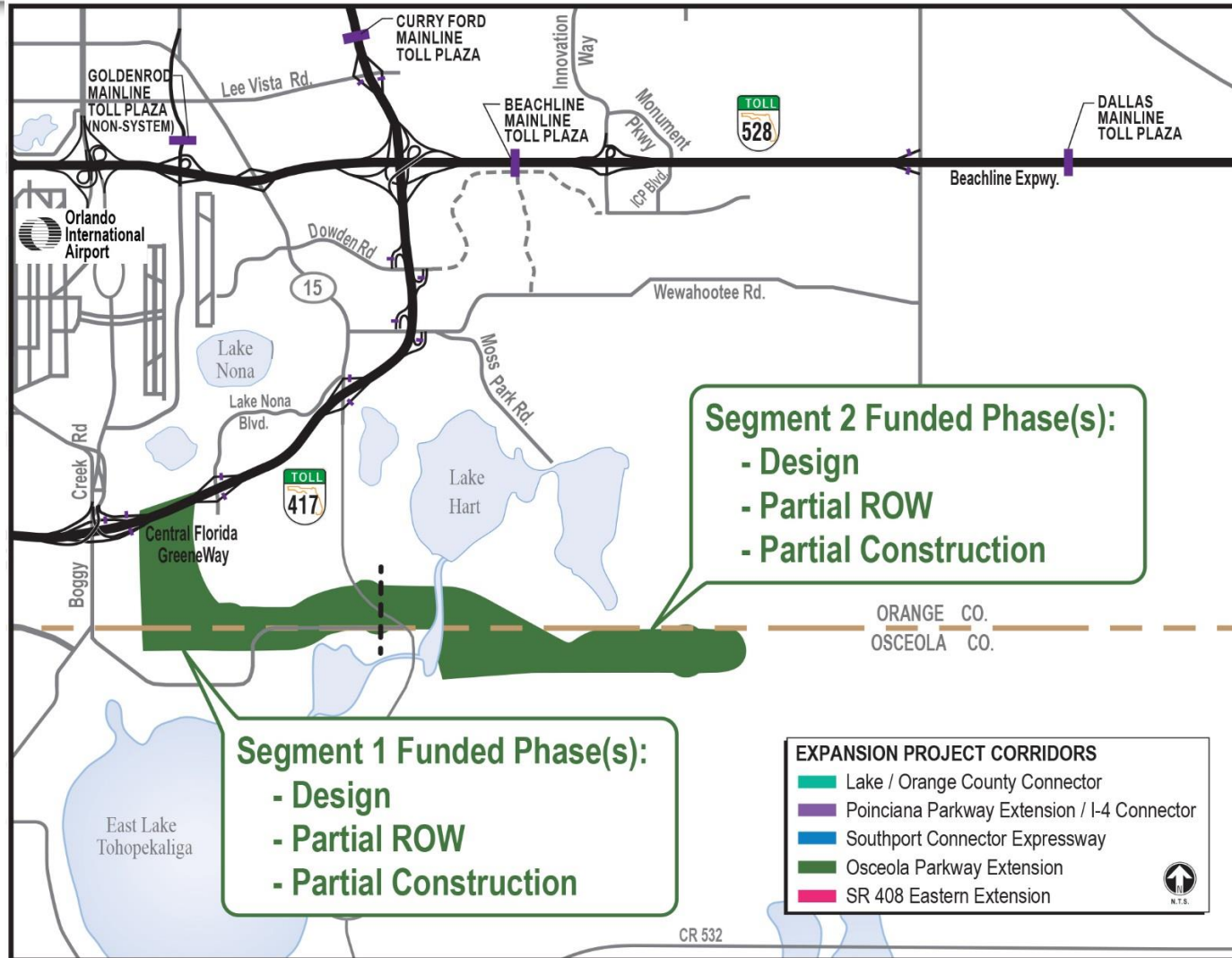
Lake/Orange County Connector (Potential)



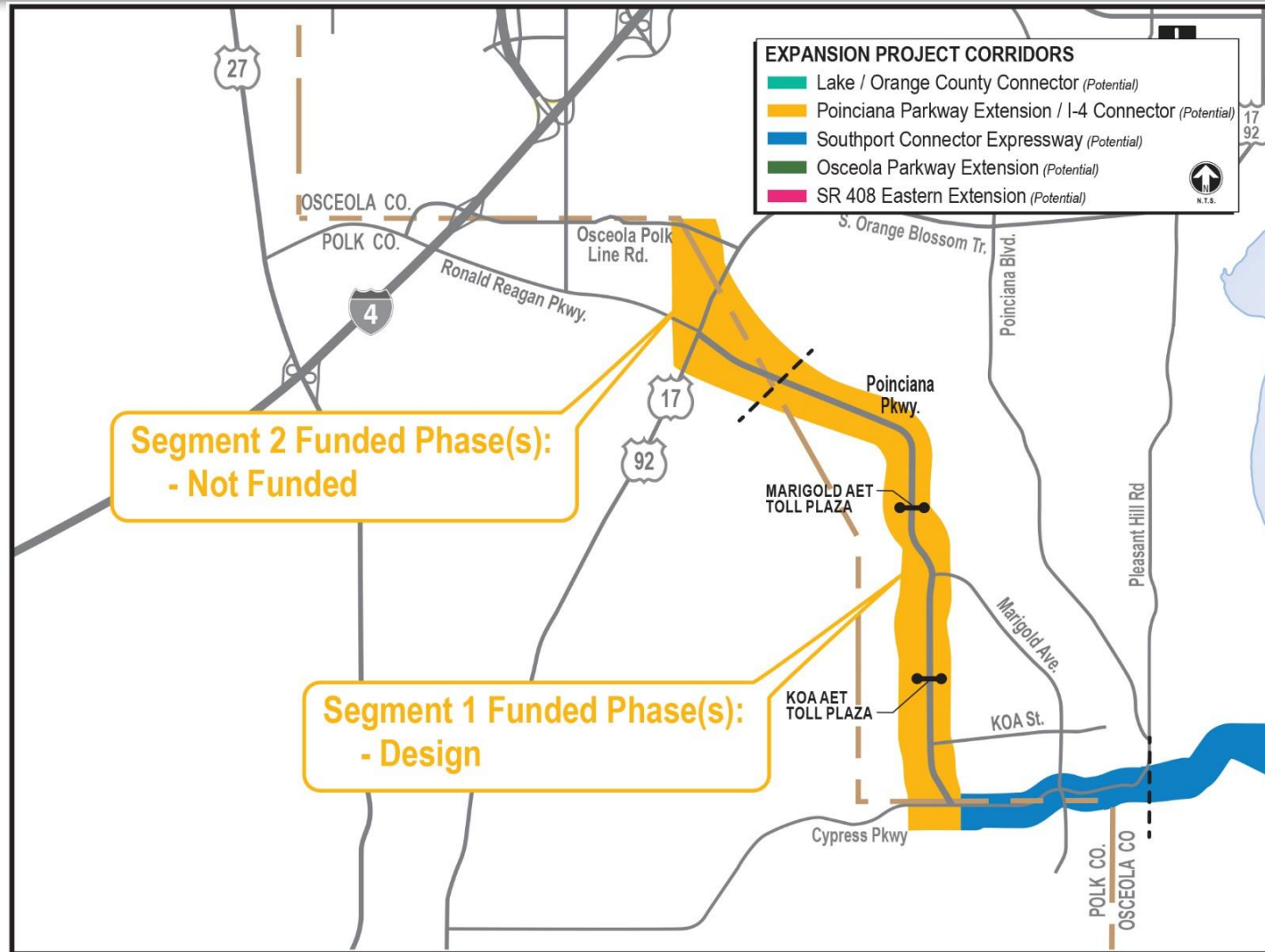
408 Eastern Extension (Potential)



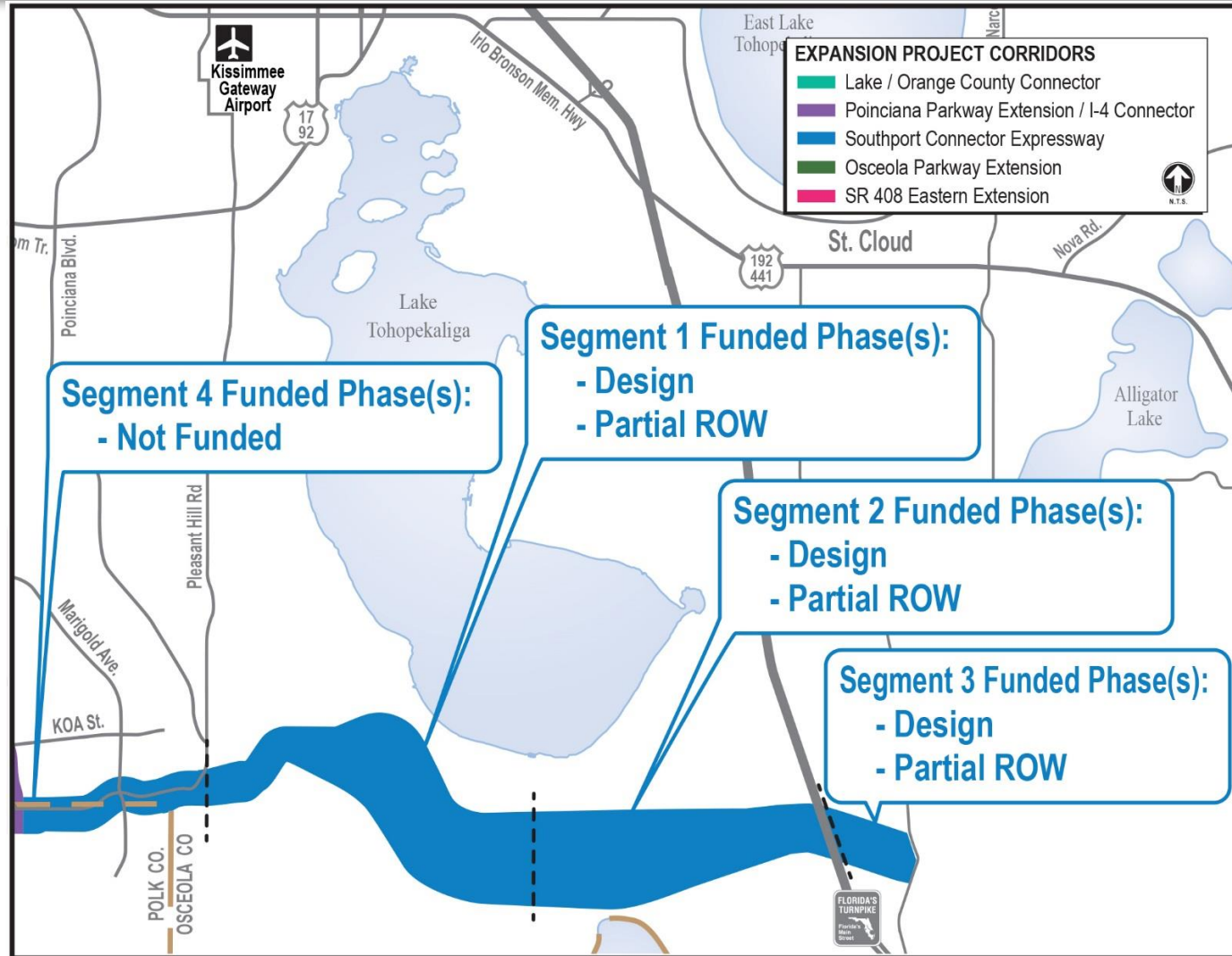
Osceola Parkway Extension (Potential)



Poinciana Parkway Ext./I-4 Connector (Potential)



Southport Connector Expressway (Potential)



Capital Planning Model Assumptions

Debt issuance assumptions are:

- 30-year, fixed rate bonds
- Interest rates
 - AAA Municipal Market Data as of 5/1/2018 plus 50 basis points of credit spread (based of CFX's current credit ratings) and an additional 50 basis points of cushion
 - Additional 25 basis points added per year for each future issuance
- Debt Service Ratio target of 1.60 (senior debt lien)
- Fully cash funded debt service reserve funds

Capital Planning Model Results

Requires additional debt

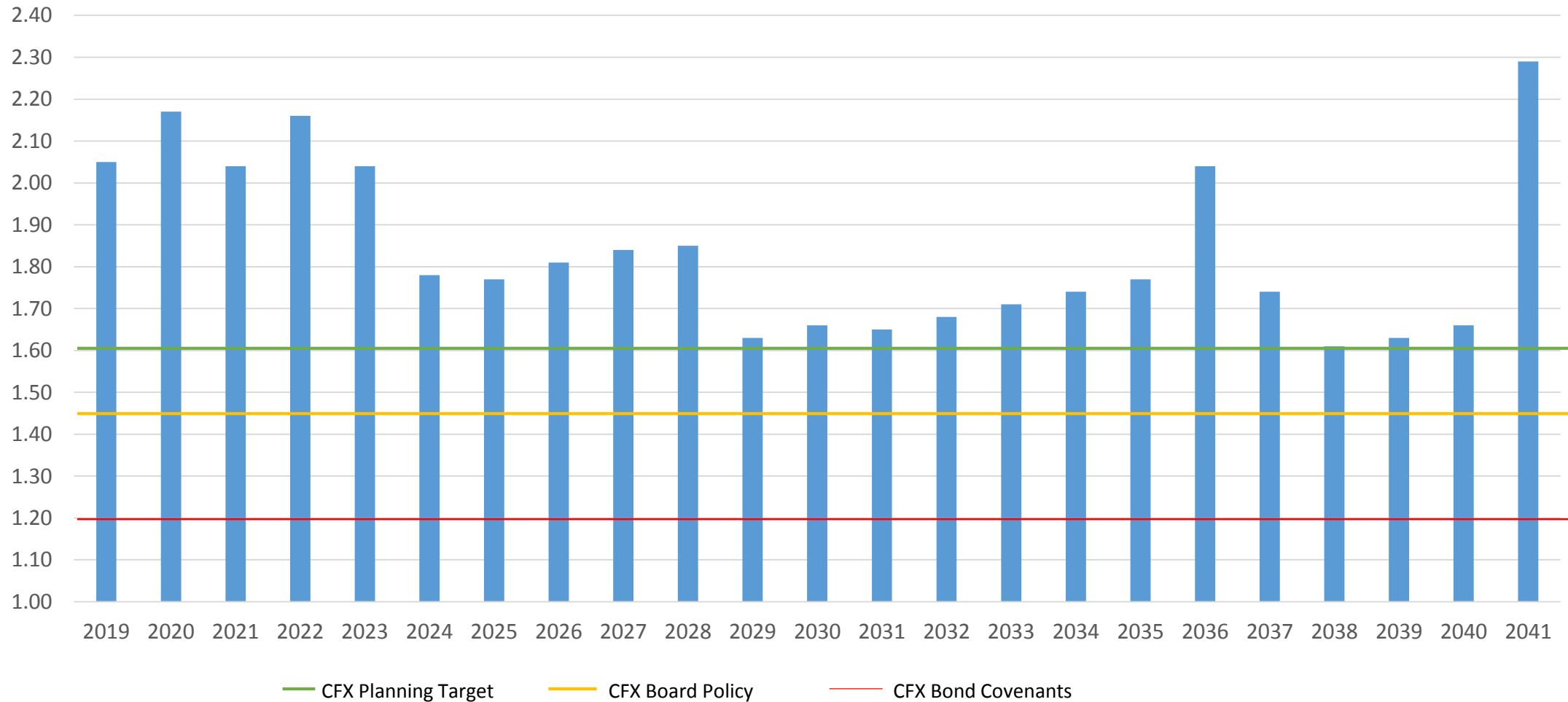
- Approximately \$915 million (FY19, FY21, FY23)
- Approximately 42% of project expenditures over the 5 year period

Modeling updated

- New bonds are issued
- New major assumptions

Debt coverage ratio meets 1.60 planning target

Projected Senior Lien Coverage Ratio



Central Florida Expressway Authority
Calculation of the Composite Debt Service Ratio, as Defined
by the Bond Resolutions and Related Documents - Including Subordinate Coverage

	Budget 2018	Projected 2018	Budget 2019	\$ Inc (Decr) Over Budget	% Inc (Decr) Over Proj	% Ince (Decr) Over Budget
Revenues:						
Tolls	\$430,500,000	439,000,000	\$460,900,000	\$30,400,000	5%	7%
Fees Collected via Pay by Plate and UTC's	5,840,000	6,665,000	7,248,500	1,408,500	9%	24%
Transponder sales	226,460	271,580	286,700	60,240	6%	27%
Other Operating	1,399,646	1,356,800	1,349,670	(49,976)	-1%	-4%
Interest	3,118,625	4,019,024	3,469,550	350,925	-14%	11%
Miscellaneous	1,010,268	1,010,870	1,037,350	27,082	3%	3%
Total revenues	442,094,999	452,323,274	474,291,770	32,196,771	5%	7%
Expenses:						
Operations	57,173,411	55,198,398	63,606,058	6,432,648	15%	11%
Maintenance	17,831,023	17,812,008	19,937,227	2,106,204	12%	12%
Administrative	8,135,422	7,538,530	8,366,477	231,055	11%	3%
Other Operating	2,535,599	2,124,874	2,453,750	(81,849)	15%	-3%
Total expenses	85,675,454	82,673,809	94,363,512	8,688,058	14%	10%
Add deposits into OMA reserve	735,436	735,436	1,086,007	350,571	48%	48%
Less advances for operations and maintenance expenses received from the FDOT	(7,022,890)	(6,916,087)	(7,070,420)	(47,530)	2%	1%
Total Expenses and Deposits	79,388,000	76,493,158	88,379,099	8,991,099	16%	11%
Net revenues, as defined, plus payments received from the FDOT	362,706,999	375,830,116	385,912,671	23,205,672	3%	6%
Senior debt service payments*	162,955,205	162,955,205	160,988,513	(1,966,692)	-1%	-1%
Subordinate Lien (SIB Loan)	1,074,549	1,074,549	-	(1,074,549.00)	-100%	-100%
SunTrust Bank Loan Payment	6,890,416	6,890,416	7,147,340	256,924.00	4%	4%
Total debt payments plus FDOT repayments	170,920,170	170,920,170	168,135,853	(2,784,317)	-2%	-2%
Subordinate debt service ratio of net revenues to total debt payment	2.12	2.20	2.30	0.17	4%	8%
Senior debt service ratio of net revenues to debt service	2.23	2.31	2.40	0.17	4%	8%

* Per Bond Resolution Calculation.

Central Florida Expressway Authority
Budgeted Flow of Funds - Including Subordinate Payments
On a Cash Flow Basis

	Budget 2018	Projected 2018	Budget 2019	\$ Inc (Decr) Over Budget	% Inc (Decr) Over Proj	% Ince (Decr) Over Budget
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Other Operating	2,535,599	2,124,874	2,453,750	(81,849)	15%	-3%
Total expenses	85,675,454	82,673,809	94,363,512	8,688,058	14%	10%
Debt service payments	162,955,205	162,955,205	162,165,363	(789,842.00)	0%	0%
Subordinate Lien (SIB Loan)	1,074,549	1,074,549	-	(1,074,549)	-100%	-100%
SunTrust Bank Loan Payment	6,890,416	6,890,416	7,147,340	256,924	4%	4%
Renewal and Replacement Reserve	21,000,000	24,000,000	44,000,000	23,000,000	83%	110%
OM&A Capital Expenditures & Projects	456,500	263,677	468,500	12,000	78%	3%
Net Available for System Projects	\$164,042,875	\$174,465,618	\$166,147,055	\$2,104,180	-5%	1%

Central Florida Expressway Authority All Activities - Total By Line Item

Description	2018 Annual Budget	Projected Year-end Actual	2019 Annual Budget	\$ Inc (Decr) over 2018 Budget	% Inc (Decr) over Proj. 2018 Actual	% Inc (Decr) over 2018 Budget
SALARIES & BENEFITS						
Salaries & Wages	\$ 5,562,375	\$ 5,591,166	\$ 5,858,261	\$ 295,886	4.8%	5.3%
Social Security and Medicare	392,191	387,216	412,333	20,142	6.5%	5.1%
Retirement Contributions -FRS	598,766	627,142	711,177	112,411	13.4%	18.8%
Life and Health Insurance	1,314,300	1,238,666	1,368,553	54,254	10.5%	4.1%
State Assessment	13,007	11,107	13,887	880	25.0%	6.8%
Workers' Compensation	52,298	53,285	53,385	1,087	0.2%	2.1%
Total Salaries & Benefits	7,932,936	7,908,582	8,417,596	484,660	6.4%	6.1%
OTHER						
Cost Of Transponders Sold - Sticker	844,600	950,000	1,050,000	205,400	10.5%	24.3%
Cost Of Transponders Sold - Hardcase	365,000	380,000	420,000	55,000	10.5%	15.1%
Cost Of Transponders Sold - Bumper	8,722	3,539	3,738	(4,984)	5.6%	-57.1%
Professional Services	1,494,250	1,419,303	1,629,250	135,000	14.8%	9.0%
Legal Fees	200,000	175,000	200,000	-	14.3%	0.0%
Consultant Fees	338,729	284,677	337,993	(736)	18.7%	-0.2%
Consultant Fees - Surveys	-	-	20,000	20,000		
Maintenance Program Support	112,000	112,000	162,000	50,000	44.6%	44.6%
Maintenance Program Support - ITS	1,020,000	850,000	850,000	(170,000)	0.0%	-16.7%
FON Program Support	200,000	250,000	250,000	50,000	0.0%	25.0%
Pavement Management System	35,000	35,000	35,000	-	0.0%	0.0%
Auditing Fees	79,500	79,500	79,500	-	0.0%	0.0%
Contract Personnel	9,669,664	8,729,000	13,098,988	3,429,324	50.1%	35.5%
Toll Plazas Salaries/Wages	10,172,024	10,172,024	10,316,332	144,308	1.4%	1.4%
Toll Plazas Other Direct Expenses	433,852	433,852	434,620	768	0.2%	0.2%
Toll Collection Management Fees	951,542	920,000	922,657	(28,885)	0.3%	-3.0%
Toll Plazas Administration Salaries	1,729,603	1,729,603	1,748,240	18,637	1.1%	1.1%
Toll Plazas Office Expenses	303,405	303,405	308,210	4,805	1.6%	1.6%
Toll Plazas Insurance and Bond	49,471	49,471	49,970	499	1.0%	1.0%
Florida Highway Patrol Services	965,871	1,013,000	1,031,364	65,493	1.8%	6.8%
Motorist Service Patrol Agreement	1,400,000	1,334,000	1,760,812	360,812	32.0%	25.8%
Rapid Incident Scene Clearance	50,000	30,000	50,000	-	66.7%	0.0%
Toll Plazas Janitorial	317,113	317,113	323,455	6,342	2.0%	2.0%
Travel	70,500	44,347	76,900	6,400	73.4%	9.1%
Reimbursed Local Travel	12,095	8,452	16,300	4,205	92.9%	34.8%
Gasoline	15,250	14,000	15,500	250	10.7%	1.6%
Telephone Service	548,410	373,285	409,250	(139,160)	9.6%	-25.4%
Internet Service	55,800	112,000	104,000	48,200	-7.1%	86.4%
Postage and Delivery	1,944,500	1,734,000	2,003,700	59,200	15.6%	3.0%
Printing	454,480	432,600	487,500	33,020	12.7%	7.3%
Service Center Printing and Mailing	60,000	62,000	66,000	6,000	6.5%	10.0%
CAFR	17,500	17,500	17,500	-	0.0%	0.0%
Utilities	2,474,000	2,371,000	2,481,000	7,000	4.6%	0.3%
Lease - Buildings	234,900	135,000	56,500	(178,400)	-58.1%	-75.9%
Leases - Equipment	57,632	52,500	54,700	(2,932)	4.2%	-5.1%
Records Management	31,900	27,800	32,956	1,056	18.5%	3.3%
Insurance	777,789	814,816	850,582	72,793	4.4%	9.4%
Repairs & Maint. - Equipment	181,600	160,800	258,300	76,700	60.6%	42.2%
Maintenance FON Locates	12,000	12,000	12,000	-	0.0%	0.0%
Maintenance - ITS Infrastructure	1,790,000	1,790,000	1,887,000	97,000	5.4%	5.4%
Support & Maint. - Software	98,910	99,089	104,043	5,133	5.0%	5.2%
Repairs & Maint. - Software and Hardware	1,011,715	1,048,700	655,550	(356,165)	-37.5%	-35.2%

Description	2018 Annual Budget	Projected Year-end Actual	2019 Annual Budget	\$ Inc (Decr) over 2018 Budget	% Inc (Decr) over Proj. 2018 Actual	% Inc (Decr) over 2018 Budget
Maintenance - Toll Collection Software	890,000	950,000	890,000	-	-6.3%	0.0%
Maintenance - Toll System Replacement	511,372	250,000	511,000	(372)	104.4%	-0.1%
Repairs & Maint. - Fiber Optic Network	380,000	300,000	365,000	(15,000)	21.7%	-3.9%
Facilities Maintenance	2,058,120	2,017,137	1,906,680	(151,440)	-5.5%	-7.4%
Repairs and Maint. - Toll Equipment	2,987,796	2,820,750	2,894,082	(93,714)	2.6%	-3.1%
Repairs and Maint. - Toll Equipment Parts	420,500	360,250	390,500	(30,000)	8.4%	-7.1%
Repairs & Maint. - VES Equipment	521,303	500,000	515,069	(6,234)	3.0%	-1.2%
Repairs & Maint. - Vehicles	10,100	9,433	10,000	(100)	6.0%	-1.0%
System Modifications Maintenance -Website	5,400	25,000	5,400	-	-78.4%	0.0%
Roadway and Bridges Maintenance	5,259,300	6,772,465	6,373,540	1,114,240	-5.9%	21.2%
Landscape Maintenance Service	3,707,300	2,672,336	3,843,311	136,011	43.8%	3.7%
Bridge Inspection	342,000	356,500	342,000	-	-4.1%	0.0%
Sign Maintenance/Inspection	294,500	282,000	306,280	11,780	8.6%	4.0%
Traffic Signals and Lights	164,000	126,300	164,000	-	29.8%	0.0%
Aquatics	218,750	158,121	240,625	21,875	52.2%	10.0%
Board Meeting Broadcasting	8,700	8,700	8,700	-	0.0%	0.0%
Promotion - Sponsorships	-	1,017	-	-	-100.0%	
Promotion	1,757,500	1,757,500	1,800,000	42,500	2.4%	2.4%
Newsletter	2,000	3,600	3,600	1,600	0.0%	80.0%
Photography	2,000	4,000	2,000	-	-50.0%	0.0%
Displays	1,500	1,500	3,500	2,000	133.3%	133.3%
Graphic Production Services	78,500	57,500	70,000	(8,500)	21.7%	-10.8%
Promotional Items	26,000	26,300	27,500	1,500	4.6%	5.8%
Advertising and Legal Notices	7,500	7,300	7,500	-	2.7%	0.0%
Bank Fees	1,230,000	1,425,300	1,549,500	319,500	8.7%	26.0%
Credit Card Fees	7,345,537	7,100,000	7,870,000	524,463	10.8%	7.1%
Security	14,260	12,990	7,110	(7,150)	-45.3%	-50.1%
Special Events	21,000	26,500	37,000	16,000	39.6%	76.2%
Employee Support Services	3,000	5,800	7,000	4,000	20.7%	133.3%
Miscellaneous Expense	20,550	3,350	22,150	1,600	561.2%	7.8%
Office Supplies	94,019	76,500	88,750	(5,269)	16.0%	-5.6%
Office Expense - Other	198,575	166,640	196,700	(1,875)	18.0%	-0.9%
Operating Supplies	39,250	36,125	39,250	-	8.7%	0.0%
Transponder Supplies	10,000	7,000	10,000	-	42.9%	0.0%
Software Expense	49,775	75,150	3,100	(46,675)	-95.9%	-93.8%
Dues and Subscriptions	242,685	237,729	601,584	358,899	153.1%	147.9%
Books and Publications	600	100	600	-	500.0%	0.0%
Seminars and Conferences	30,300	32,454	40,425	10,125	24.6%	33.4%
Staff Training and Education	72,600	60,550	74,550	1,950	23.1%	2.7%
Contingency (Projects)	57,500	5,000	57,500	-	1050.0%	0.0%
Furniture	33,800	21,080	35,250	1,450	67.2%	4.3%
Total Other:	69,706,919	67,640,353	75,992,166	6,285,247	12.3%	9.0%
Interoperability Transaction Fee	5,500,000	5,000,000	7,500,000	2,000,000	50.0%	36.4%
Other Operating Expenses	2,535,599	2,124,874	2,453,750	(81,849)	15.5%	-3.2%
TOTAL	85,675,454	82,673,809	94,363,512	8,688,058	14.1%	10.1%
CAPITAL EXPENDITURES						
General Equipment	168,500	68,000	213,500	45,000	214.0%	26.7%
Vehicle Purchases	113,000	107,677	60,000	(53,000)	-44.3%	-46.9%
Software	175,000	88,000	195,000	20,000	121.6%	11.4%
Total Capital Expenditures:	456,500	263,677	468,500	12,000	77.7%	2.6%

**Central Florida Expressway Authority
Operations Activity - Summary**

	2018 Budget	Projected Year-end Actual	2019 Annual Budget	\$ Inc (Decr) over 2018 Budget	% Inc (Decr) over Proj. 2018 Actual	% Inc (Decr) over 2018 Budget
Toll Operations (710)	\$ 543,117	\$ 519,836	\$ 561,165	\$ 18,048	8%	3%
IT (720)	4,431,746	4,720,946	4,568,412	136,666	-3%	3%
Special Projects (725)	221,369	196,192	215,969	(5,399)	10%	-2%
Service Center (740 & 750)	20,087,392	18,647,919	24,150,079	4,062,687	30%	20%
E-PASS Business Services (743)	-	-	154,059	154,059		
Public Outreach/Education (745)	2,545,651	2,564,366	2,517,100	(28,551)	-2%	-1%
Toll Facilities	23,844,136	23,549,140	23,939,274	95,138	2%	0%
Subtotal	51,673,411	50,198,398	56,106,058	4,432,648	12%	9%
Interoperability Transaction Fee	5,500,000	5,000,000	7,500,000	2,000,000	50%	36%
Total Operating Costs	57,173,411	55,198,398	63,606,058	6,432,648	15%	11%

Capital Expenditures and Projects

Capital Expenditures

IT (720)	153,500	60,000	153,500	-	156%	0%
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Central Florida Expressway Authority Operations Activity - Total By Line Item

Description	2018 Annual Budget	Projected Year-end Actual	2019 Annual Budget	\$ Inc (Decr) over 2018 Budget	% Inc (Decr) over Proj. 2018 Actual	% Inc (Decr) over 2018 Budget
SALARIES & BENEFITS						
Salaries & Wages	\$ 1,272,573	\$ 1,541,930	\$ 1,405,883	\$ 133,310	-9%	10.5%
Social Security and Medicare	91,404	114,272	104,556	13,152	-9%	14.4%
Retirement Contributions -FRS	123,958	151,429	157,645	33,687	4%	27.2%
Life and Health Insurance	310,035	352,796	342,442	32,407	-3%	10.5%
State Assessment	2,850	2,972	3,427	577	15%	20.3%
Workers' Compensation	3,983	4,802	4,628	645	-4%	16.2%
Total Salaries & Benefits	1,804,802	2,168,202	2,018,580	213,779	-7%	11.8%
OTHER						
Cost Of Transponders Sold - Sticker	844,600	950,000	1,050,000	205,400	11%	24.3%
Cost Of Transponders Sold - Hardcase	365,000	380,000	420,000	55,000	11%	15.1%
Cost Of Transponders Sold - Bumper	8,722	3,539	3,738	(4,984)	6%	-57.1%
Professional Services	659,000	740,000	904,000	245,000	22%	37.2%
Consultant Fees- Surveys	-	-	20,000	20,000		
Contract Personnel	9,020,405	8,090,000	12,020,101	2,999,696	49%	33.3%
Toll Plazas Salaries/Wages	10,172,024	10,172,024	10,316,332	144,308	1%	1.4%
Toll Plazas Other Direct Expenses	433,852	433,852	434,620	768	0%	0.2%
Toll Collection Management Fees	951,542	920,000	922,657	(28,885)	0%	-3.0%
Toll Plazas Administration Salaries	1,729,603	1,729,603	1,748,240	18,637	1%	1.1%
Toll Plazas Office Expenses	303,405	303,405	308,210	4,805	2%	1.6%
Toll Plazas Insurance and Bond	49,471	49,471	49,970	499	1%	1.0%
Toll Plazas Janitorial	317,113	317,113	323,455	6,342	2%	2.0%
Travel	12,200	5,900	14,700	2,500	149%	20.5%
Reimbursed Local Travel	1,450	1,150	2,950	1,500	157%	103.4%
Gasoline	1,900	1,400	2,150	250	54%	13.2%
Telephone Service	528,560	356,020	409,250	(119,310)	15%	-22.6%
Internet Service	55,800	112,000	104,000	48,200	-7%	86.4%
Postage and Delivery	1,937,500	1,728,000	1,997,500	60,000	16%	3.1%
Printing	448,500	427,600	480,500	32,000	12%	7.1%
Service Center Printing and Mailing	60,000	62,000	66,000	6,000	6%	10.0%
Utilities	2,042,000	1,939,000	2,035,000	(7,000)	5%	-0.3%
Lease - Buildings	234,900	135,000	56,500	(178,400)	-58%	-75.9%
Leases - Equipment	20,200	16,500	18,200	(2,000)	10%	-9.9%
Records Management	1,900	1,800	1,900	-	6%	0.0%
Insurance	676,855	670,000	695,139	18,284	4%	2.7%
Repairs & Maint. - Equipment	171,300	155,800	248,300	77,000	59%	45.0%
Repairs & Maint. - Software and Hardware	884,865	933,700	613,700	(271,165)	-34%	-30.6%
Maintenance - Toll Collection Software	890,000	950,000	890,000	-	-6%	0.0%
Maintenance - Toll System Replacement	511,372	250,000	511,000	(372)	104%	-0.1%
Facilities Maintenance	1,832,620	1,841,637	1,661,180	(171,440)	-10%	-9.4%
Repairs and Maint. - Toll Equipment	2,987,796	2,820,750	2,894,082	(93,714)	3%	-3.1%
Repairs and Maint. - Toll Equipment Parts	420,500	360,250	390,500	(30,000)	8%	-7.1%
Repairs & Maint. - VES Equipment	521,303	500,000	515,069	(6,234)	3%	-1.2%
Repairs & Maint. - Vehicles	2,050	1,500	2,000	(50)	33%	-2.4%
Promotion - Sponsorships	-	1,017	-	-		
Promotion	1,757,500	1,757,500	1,800,000	42,500	2%	2.4%
Newsletter	2,000	3,600	3,600	1,600	0%	80.0%
Displays	1,500	1,500	3,500	2,000	133%	133.3%
Graphic Production Services	63,500	50,000	60,000	(3,500)	20%	-5.5%
Promotional Items	25,000	25,000	25,000	-	0%	0.0%
Bank Fees	1,194,000	1,389,300	1,512,500	318,500	9%	26.7%
Credit Card Fees	7,345,537	7,100,000	7,870,000	524,463	11%	7.1%
Security	12,760	9,990	5,610	(7,150)	-44%	-56.0%
Miscellaneous Expense	3,050	1,500	3,650	600	143%	19.7%
Office Supplies	43,569	34,900	43,900	331	26%	0.8%
Office Expense - Other	150,025	148,100	150,250	225	1%	0.1%
Operating Supplies	39,250	36,125	39,250	-	9%	0.0%
Transponder Supplies	10,000	7,000	10,000	-	43%	0.0%
Software Expense	47,275	50,150	600	(46,675)	-99%	-98.7%
Dues and Subscriptions	17,460	16,350	365,325	347,865	2134%	1992.4%
Books and Publications	600	100	600	-	500%	0.0%

Description	2018 Annual Budget	Projected Year-end Actual	2019 Annual Budget	\$ Inc (Decr) over 2018 Budget	% Inc (Decr) over Proj. 2018 Actual	% Inc (Decr) over 2018 Budget
Seminars and Conferences	3,725	6,850	4,700	975	-31%	26.2%
Staff Training and Education	34,000	22,000	36,000	2,000	64%	5.9%
Contingency Project(s)	10,000	5,000	10,000	-	100%	0.0%
Furniture	9,550	5,200	12,050	2,500	132%	26.2%
Total Other:	49,868,609	48,030,196	54,087,478	4,218,869	13%	8.5%
SUBTOTAL	51,673,411	50,198,398	56,106,058	4,432,648	12%	8.6%
Interoperability Transaction Fee	5,500,000	5,000,000	7,500,000	2,000,000	50%	36.4%
TOTAL	57,173,411	55,198,398	63,606,058	6,432,648	15%	11.3%
CAPITAL EXPENDITURES						
General Equipment	133,500	50,000	133,500	-	167%	0.0%
Software	20,000	10,000	20,000	-	100%	0.0%
Total Capital Expenditures:	153,500	60,000	153,500	-	156%	0.0%

Central Florida Expressway Authority
Maintenance Activity - Summary

	2018 Annual Budget	Projected Year-end Actual	2019 Annual Budget	\$ Inc (Decr) over 2018 Budget	% Inc (Decr) over Proj. 2018 Actual	% Inc (Decr) over 2018 Budget
Maintenance Administration (810)	\$ 2,617,836	\$ 2,486,868	\$ 3,485,551	\$ 867,715	40%	33%
Traffic Operations (820)	5,231,837	4,989,417	5,196,276	(35,561)	4%	-1%
Routine Maintenance (408, 414, 417, 429, 451, 453, 528)	9,981,350	10,335,722	11,255,399	1,274,049	9%	13%
Total Maintenance Costs	17,831,023	17,812,008	19,937,227	2,106,204	12%	12%

Capital Expenditures

Capital Expenditures						
Maintenance Administration (810)	39,000	33,177	60,000	21,000	81%	54%
Traffic Operations (820)	68,000	108,000	60,000	(8,000)	-44%	-12%
Total Capital Expenditures	107,000	141,177	120,000	13,000	-15%	12%

**Central Florida Expressway Authority
Maintenance Activity - Total By Line Item**

Description	2018 Annual Budget	Projected Year-end Actual	2019 Annual Budget	\$ Inc (Decr) over 2018 Budget	% Inc (Decr) over Proj. 2018 Actual	% Inc (Decr) over 2018 Budget
SALARIES & BENEFITS						
Salaries & Wages	\$ 977,901	\$ 925,415	\$ 1,002,817	\$ 24,916	8.4%	2.5%
Social Security and Medicare	72,456	68,777	74,857	2,401	8.8%	3.3%
Retirement Contributions -FRS	68,074	69,209	82,833	14,759	19.7%	21.7%
Life and Health Insurance	244,950	207,955	245,013	63	17.8%	0.0%
State Assessment	2,452	1,975	2,453	1	24.2%	0.0%
Workers' Compensation	34,682	34,290	34,792	110	1.5%	0.3%
Total Salaries & Benefits	1,400,515	1,307,621	1,442,765	42,250	10.3%	3.0%
OTHER						
Consultant Fees	120,000	90,000	125,000	5,000	38.9%	4.2%
Maintenance Program Support	112,000	112,000	162,000	50,000	44.6%	44.6%
Maintenance Program Support - ITS	1,020,000	850,000	850,000	(170,000)	0.0%	-16.7%
FON Program Support	200,000	250,000	250,000	50,000	0.0%	25.0%
Pavement Management System	35,000	35,000	35,000	-	0.0%	0.0%
Contract Personnel	80,887	75,000	510,887	430,000	581.2%	531.6%
Florida Highway Patrol Services	965,871	1,013,000	1,031,364	65,493	1.8%	6.8%
Motorist Service Patrol Agreement	1,400,000	1,334,000	1,760,812	360,812	32.0%	25.8%
Rapid Incident Scene Clearance	50,000	30,000	50,000	-	66.7%	0.0%
Travel	7,000	4,032	9,500	2,500	135.6%	35.7%
Reimbursed Local Travel	1,700	1,700	1,700	-	0.0%	0.0%
Gasoline	11,200	11,200	11,200	-	0.0%	0.0%
Telephone Service	8,900	7,500	-	(8,900)	-100.0%	-100.0%
Postage and Delivery	1,000	1,000	1,000	-	0.0%	0.0%
Utilities	132,000	132,000	140,000	8,000	6.1%	6.1%
Maintenance FON Locates	12,000	12,000	12,000	-	0.0%	0.0%
Maintenance - ITS Infrastructure	1,790,000	1,790,000	1,887,000	97,000	5.4%	5.4%
Repairs & Maint. - Software and Hardware	85,000	85,000	-	(85,000)	-100.0%	-100.0%
Repairs & Maint. - Fiber Optic Network	380,000	300,000	365,000	(15,000)	21.7%	-3.9%
Repairs & Maint. - Vehicles	6,000	5,933	6,000	-	1.1%	0.0%
Roadway and Bridges Maintenance	5,259,300	6,772,465	6,373,540	1,114,240	-5.9%	21.2%
Landscape Maintenance Service	3,655,300	2,640,336	3,781,454	126,154	43.2%	3.5%
Bridge Inspection	342,000	356,500	342,000	-	-4.1%	0.0%
Sign Maintenance/Inspection	294,500	282,000	306,280	11,780	8.6%	4.0%
Traffic Signals and Lights	164,000	126,300	164,000	-	29.8%	0.0%
Aquatics	218,750	158,121	240,625	21,875	52.2%	10.0%
Advertising and Legal Notices	1,000	1,000	1,000	-	0.0%	0.0%
Office Supplies	4,100	4,100	4,100	-	0.0%	0.0%
Office Expense - Other	4,500	4,200	4,500	-	7.1%	0.0%
Dues and Subscriptions	2,500	2,500	2,500	-	0.0%	0.0%
Seminars and Conferences	5,000	4,500	5,000	-	11.1%	0.0%
Staff Training and Education	8,500	8,500	8,500	-	0.0%	0.0%
Contingency Project(s)	47,500	-	47,500	-	-	0.0%
Furniture	5,000	4,500	5,000	-	11.1%	0.0%
Total Other:	16,430,508	16,504,387	18,494,462	2,063,954	12.1%	12.6%
TOTAL	17,831,023	17,812,008	19,937,227	2,106,204	11.9%	11.8%
CAPITAL EXPENDITURES						
General Equipment	10,000	7,000	60,000	50,000	757.1%	500.0%
Vehicle Purchases	57,000	56,177	-	(57,000)	-100.0%	-100.0%
Software	40,000	78,000	60,000	20,000	-23.1%	50.0%
Total Capital Expenditures:	107,000	141,177	120,000	13,000	-15.0%	12.1%

**Central Florida Expressway Authority
Administration Activity - Summary**

	2018 Budget	Projected Year-end Actual	2019 Annual Budget	\$ Inc (Decr) over 2018 Budget	% Inc (Decr) over Proj. 2018 Actual	% Inc (Decr) over 2018 Budget
General (610)	\$ 821,679	\$ 744,440	\$ 908,519	\$ 86,840	22%	11%
525 Magnolia (615)	24,646	24,605	25,324	678	3%	3%
Administrative Services (620)	2,052,154	2,025,879	2,108,650	56,496	4%	3%
Engineering (623)	57,185	55,980	60,316	3,130	8%	5%
Legal (625)	742,944	644,661	752,219	9,275	17%	1%
Accounting (630)	1,547,653	1,417,871	1,585,147	37,494	12%	2%
Procurement (640)	472,018	457,284	486,381	14,363	6%	3%
Records Management (655)	418,921	286,742	373,470	(45,451)	30%	-11%
Human Resources (660)	308,510	252,944	317,415	8,905	25%	3%
Supplier Diversity (665)	361,421	326,646	364,054	2,633	11%	1%
Communications (670)	704,937	689,203	759,841	54,904	10%	8%
Construction Administration (685)	59,354	48,277	61,142	1,788	27%	3%
Internal Audit (690)	564,000	564,000	564,000	-	0%	0%
Total Administration Costs	8,135,422	7,538,530	8,366,477	231,055	11%	3%

Capital Expenditures and Projects

Capital Expenditures						
General (610)	45,000	31,500	45,000	-	43%	0%
HR (660)	30,000	-	30,000	-		0%
Communications (670)	85,000	-	85,000	-		0%
Construction Administration (685)	36,000	31,000	35,000	(1,000)	13%	-3%
Total Capital Expenditures	196,000	62,500	195,000	(1,000)	212%	-1%

**Central Florida Expressway Authority
Administration Activity - Total By Line Item**

Description	2018 Annual Budget	Projected Year-end Actual	2019 Annual Budget	\$ Inc (Decr) over 2018 Budget	% Inc (Decr) over Proj. 2018 Actual	% Inc (Decr) over 2018 Budget
SALARIES & BENEFITS						
Salaries & Wages	\$ 3,311,901	\$ 3,123,821	\$ 3,449,561	\$ 137,660	10.4%	4.2%
Social Security and Medicare	228,331	204,167	232,920	4,589	14.1%	2.0%
Retirement Contributions -FRS	406,734	406,504	470,700	63,965	15.8%	15.7%
Life and Health Insurance	759,315	677,915	781,099	21,783	15.2%	2.9%
State Assessment	7,706	6,160	8,007	302	30.0%	3.9%
Workers' Compensation	13,633	14,193	13,965	331	-1.6%	2.4%
Total Salaries & Benefits	4,727,620	4,432,760	4,956,251	228,631	11.8%	4.8%
OTHER						
Professional Services	835,250	679,303	725,250	(110,000)	6.8%	-13.2%
Legal Fees	200,000	175,000	200,000	-	14.3%	0.0%
Consultant Fees	218,729	194,677	212,993	(5,736)	9.4%	-2.6%
Auditing Fees	79,500	79,500	79,500	-	0.0%	0.0%
Contract Personnel	568,372	564,000	568,000	(372)	0.7%	-0.1%
Travel	51,300	34,415	52,700	1,400	53.1%	2.7%
Reimbursed Local Travel	8,945	5,602	11,650	2,705	108.0%	30.2%
Gasoline	2,150	1,400	2,150	-	53.6%	0.0%
Telephone Service	10,950	9,765	-	(10,950)	-100.0%	-100.0%
Postage and Delivery	6,000	5,000	5,200	(800)	4.0%	-13.3%
Printing	5,980	5,000	7,000	1,020	40.0%	17.1%
CAFR	17,500	17,500	17,500	-	0.0%	0.0%
Utilities	300,000	300,000	306,000	6,000	2.0%	2.0%
Leases - Equipment	37,432	36,000	36,500	(932)	1.4%	-2.5%
Records Management	30,000	26,000	31,056	1,056	19.4%	3.5%
Insurance	100,934	144,816	155,443	54,509	7.3%	54.0%
Repairs & Maint. - Equipment	10,300	5,000	10,000	(300)	100.0%	-2.9%
Support & Maint. - Software	98,910	99,089	104,043	5,133	5.0%	5.2%
Repairs & Maint. - Software and Hardware	41,850	30,000	41,850	-	39.5%	0.0%
Facilities Maintenance	225,500	175,500	245,500	20,000	39.9%	8.9%
Repairs & Maint. - Vehicles	2,050	2,000	2,000	(50)	0.0%	-2.4%
System Modifications Maintenance - Website	5,400	25,000	5,400	-	-78.4%	0.0%
Landscape Maintenance Service	52,000	32,000	61,857	9,857	93.3%	19.0%
Board Meeting Broadcasting	8,700	8,700	8,700	-	0.0%	0.0%
Photography	2,000	4,000	2,000	-	-50.0%	0.0%
Graphic Production Services	15,000	7,500	10,000	(5,000)	33.3%	-33.3%
Promotional Items	1,000	1,300	2,500	1,500	92.3%	150.0%
Advertising and Legal Notices	6,500	6,300	6,500	-	3.2%	0.0%
Bank Fees	36,000	36,000	37,000	1,000	2.8%	2.8%
Security	1,500	3,000	1,500	-	-50.0%	0.0%
Special Events	21,000	26,500	37,000	16,000	39.6%	76.2%
Employee Support Services	3,000	5,800	7,000	4,000	20.7%	133.3%
Miscellaneous Expense	17,500	1,850	18,500	1,000	900.0%	5.7%
Office Supplies	46,350	37,500	40,750	(5,600)	8.7%	-12.1%
Office Expense - Other	44,050	14,340	41,950	(2,100)	192.5%	-4.8%
Software Expense	2,500	25,000	2,500	-	-90.0%	0.0%
Dues and Subscriptions	222,725	218,879	233,759	11,034	6.8%	5.0%
Seminars and Conferences	21,575	21,104	30,725	9,150	45.6%	42.4%
Staff Training and Education	30,100	30,050	30,050	(50)	0.0%	-0.2%
Furniture	19,250	11,380	18,200	(1,050)	59.9%	-5.5%
Total Other:	3,407,802	3,105,770	3,410,226	2,424	9.8%	0.1%
TOTAL	8,135,422	7,538,530	8,366,477	231,055	11.0%	2.8%
CAPITAL EXPENDITURES						
General Equipment	25,000	11,000	20,000	(5,000)	81.8%	-20.0%
Vehicles	56,000	51,500	60,000	4,000	16.5%	7.1%
Software	115,000	-	115,000	-	-	0.0%
Total Capital Expenditures:	196,000	62,500	195,000	(1,000)	212.0%	-0.5%

**Central Florida Expressway Authority
Other Operating**

	2018 Annual Budget	Projected Year-end Actual	2019 Annual Budget	\$ Inc (Decr) over 2018 Budget	% Inc (Decr) over Proj. 2018 Actual	% Inc (Decr) over 2018 Budget
Traffic & Engineering Consultant	\$ 500,000	\$ 444,755	\$ 461,750	\$ (38,250)	4%	-8%
General Systems Consultant	-	-	400,000	400,000		
General Engineering Consultant	2,035,599	1,680,119	1,592,000	(443,599)	-5%	-22%
Total Other Operating Expenses	2,535,599	2,124,874	2,453,750	(81,849)	15%	-3%

**Central Florida Expressway Authority
Goldenrod Road - Summary**

	2018 Annual Budget	Projected Year-end Actual	2019 Annual Budget	\$ Inc (Decr) over 2018 Budget	% Inc (Decr) over Proj. 2018 Actual	% Inc (Decr) over 2018 Budget
Maintenance	\$ 151,000	\$ 155,545	\$ 127,702	\$ (23,298)	-18%	-15%
Operations	308,786	297,249	322,032	13,246	8%	4%
TOTAL	459,786	452,794	449,734	(10,052)	-1%	-2%
TOLL REVENUE	(2,000,000)	(2,200,000)	(2,200,000)	(200,000)		10%
NET RESULT OF ACTIVITY	1,540,214	1,747,206	1,750,266	210,052	0%	14%

Central Florida Expressway Authority
Five-Year Work Plan
Category Summary

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Category	Project Cost (thousand \$)							Total
	Fiscal Year							
	18/19		19/20		20/21	21/22	22/23	
	E	U	E	U	U	U	U	
Existing System Improvements	74,023	22,105	12,634	140,706	309,648	152,794	46,983	758,894
System Expansion Projects	2,744	9,676	0	12,149	37,645	105,784	387,140	555,138
Interchange Projects	117,416	0	90,819	5,495	6,617	12,350	43,704	276,401
Facilities Projects	47	11,764	0	12,735	1,704	1,554	1,155	28,959
Transportation Technology Projects	7,184	6,881	0	9,009	5,554	3,989	3,138	35,755
Information Technology Projects	21,922	15,337	4,854	11,835	7,251	0	0	61,199
Signing and Pavement Markings	210	1,627	0	2,847	1,966	1,392	180	8,222
Renewal and Replacement Projects	18,826	25,174	0	58,165	31,203	35,335	8,119	176,822
Landscape Projects	0	810	0	805	1,435	810	805	4,665
SUB TOTALS	242,372	93,374	108,307	253,746	403,023	314,008	491,223	
TOTALS	335,746		362,053		403,023	314,008	491,223	1,906,054
Non-System Projects	0	0	0	0	0	0	0	0
GRAND TOTALS	335,746		362,053		403,023	314,008	491,223	1,906,054

* Construction costs escalated at 2.8% for FY 2019, 2.6% for FY 2020, 2.5% for FY 2021, 2.7% for FY 2022, and 2.8% for FY 2023. In general, all other costs escalated at an average of 2.7% per year.

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

U = Unencumbered costs

Existing System Improvements Summary (Page 1 of 2)

Page	Project Number	Project Name	Project Description				Project Cost (thousands \$) by Fiscal Year *					Fund Source	Project Phases Funded			
			From	To	Length (miles)	Work Description	18/19		19/20		20/21			21/22	22/23	
							E	U	E	U	U			U	U	
1	408-128	SR 408 Widening from SR 417 to Alafaya Trail	SR 417	Alafaya Trail	4.1	Add Lanes, Mill & Resurface	44,800	0	11,200	0	0	0	0	SP	Construction	
2	417-134	SR 417 Widening from Econ Trail to County Line	Econlockhatchee Trail	County Line	2.3	Add Lanes, Mill & Resurface	0	16,052	0	30,263	0	0	0	SP	Bidding & Construction	
3	417-141	SR 417 Widening from International Drive to John Young Parkway	International Drive	John Young Parkway	4.1	Add Lanes, Mill & Resurface	6,660	0	0	28,975	58,350	0	0	SP	Design & Construction	
4	417-142	SR 417 Widening from John Young Parkway to Landstar Boulevard	John Young Parkway	Landstar Boulevard	3.7	Add Lanes, Mill & Resurface	6,570	0	0	28,584	57,148	0	0	SP	Design & Construction	
5	417-149	SR 417 Widening from Landstar Boulevard to Boggy Creek Road	Landstar Boulevard	Boggy Creek Road	3.7	Add Lanes, Mill & Resurface	4,536	0	1,134	12,420	49,641	12,410	0	SP	Design & Construction	
6	417-150	SR 417 Widening from Boggy Creek Road to Narcoossee Road	Boggy Creek Road	Narcoossee Road	4.5	Add Lanes, Mill & Resurface	0	0	0	0	976	3,903	21,198	SP	Design & Partial Construction	
7	417-151	SR 417 Widening from Narcoossee Road to SR 528	Narcoossee Road	SR 528	4.7	Add Lanes, Mill & Resurface	0	1,479	0	5,917	32,128	64,236	0	SP	Design & Construction	
8	-	SR 417 Widening - Curry Ford to Lake Underhill Road Landscaping	Curry Ford Road	Lake Underhill Road	1.6	Landscaping	0	0	0	19	300	20	20	SP	Design, Installation & Maintenance	
9	417-253G	SR 417 / SR 408 Interchange Landscaping	-	-	-	Interchange Landscaping	0	0	0	0	0	80	1,098	SP	Design, Installation & Partial Maintenance	
10	-	SR 417 / Florida's Turnpike Interchange Landscaping	-	-	-	Interchange Landscaping	0	0	0	0	54	780	20	SP	Design, Installation & Partial Maintenance	
11	-	SR 429 / Florida's Turnpike Interchange	-	-	-	Interchange Improvements	0	0	0	0	0	0	10,000	SP	Agency Partnership	
12	429-152	SR 429 Widening from Florida's Turnpike to West Road	Florida's Turnpike / SR 50	West Road	4.3	Add Lanes, Mill & Resurface	0	3,120	0	2,090	45,196	22,598	0	SP	Design & Construction	
13	429-153	SR 429 Widening from West Road to SR 414	West Road	SR 414	3.7	Add Lanes, Mill & Resurface	0	536	0	2,145	11,653	24,125	0	SP	Design & Construction	
14	429-654D	SR 429 / CR 535 Northbound On Ramp Improvements	-	-	-	On Ramp Improvements	6,832	0	0	0	0	0	0	SP	Partial Construction	
Encumbered Total							69,398		12,334							
Unencumbered Total								21,187		110,413	255,446	128,152	32,336			
SUB-TOTALS (Page 1)							90,585		122,747	255,446	128,152	32,336				

* Construction costs escalated at 2.8% for FY 2019, 2.6% for FY 2020, 2.5% for FY 2021, 2.7% for FY 2022, and 2.8% for FY 2023. In general, all other costs escalated at an average of 2.7% per year.

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Existing System Improvements Summary (Page 2 of 2)

Page	Project Number	Project Name	Project Description				Project Cost (thousands \$) by Fiscal Year *					Fund Source	Project Phases Funded		
			From	To	Length (miles)	Work Description	18/19		19/20		20/21			21/22	22/23
							E	U	E	U	U			U	U
15	528-143	SR 528 Widening - SR 436 to Goldenrod Rd.	SR 436	Goldenrod Road	1.4	Ramps, Add Lanes, Mill & Resurface	4,400	0	0	25,452	50,885	0	0	SP	Design & Construction
16	-	SR 528 Widening from Narcoossee Road to SR 417	Narcoossee Road	SR 417	1.8	Add Lanes, Mill & Resurface	0	0	0	802	812	20,743	0	SP	Design & Construction
17	-	SR 528 Widening from SR 417 to Innovation Way	SR 417	Innovation Way	3.2	Add Lanes, Mill & Resurface	0	0	0	0	624	2,498	13,571	SP	Design & Partial Construction
18	-	SR 528 Airport Frontage Landscaping	Boggy Creek Road	SR 436	2.1	Landscaping	0	0	0	0	250	20	20	SP	Design, Installation & Maintenance
19	528-915	Owner's Authorized Rep. for the Brightline Const. along SR 528	OIA	SR 520	-	Roadway Construction CEI	225	0	300	0	300	75	0	SP	Construction Liaison
20	599-156	SR 408 WB exit ramp Intersection Improvements with Old Winter Garden Rd.	-	-	-	Minor Roadway Projects - Signalization	0	60	0	174	0	0	0	SP	Design & Construction
21	-	SR 408 EB Mills Avenue Exit Ramp Improvements	-	-	-	Minor Roadway Projects	0	60	0	174	0	0	0	SP	Design & Construction
22	-	Systemwide Safety and Operational Improvement Projects	-	-	-	Minor Roadway Projects	0	50	0	473	316	301	176	SP	Design & Construction
23	-	Systemwide Guardrail Upgrade	-	-	-	Guardrail Improvements	0	20	0	155	155	150	90	SP	Design & Construction
24	-	Systemwide Drainage Improvements	-	-	-	Drainage Improvements	0	20	0	155	155	150	90	SP	Design & Construction
25	-	SR 528 / SR 520 Interchange Lighting	-	-	-	Lighting Replacement	0	158	0	2,338	0	0	0	SP	Design & Construction
26	599-137	Systemwide Lighting & LED Upgrades	-	-	-	Lighting Rehabilitation	0	0	0	20	155	155	150	SP	Design & Construction
27	-	Multimodal/Intermodal Opportunity Study	-	-	-	Multimodal/Intermodal Study	0	300	0	300	300	300	300	SP	Multimodal/Intermodal Study
28	-	Safety Campaign	-	-	-	Safety Project	0	250	0	250	250	250	250	SP	Communications
Encumbered Total							4,625		300						
Unencumbered Total								918		30,293	54,202	24,642	14,647		
SUB-TOTALS (Page 2)							5,543		30,593	54,202	24,642	14,647			
TOTALS							96,128		153,340	309,648	152,794	46,983			

* Construction costs escalated at 2.8% for FY 2019, 2.6% for FY 2020, 2.5% for FY 2021, 2.7% for FY 2022, and 2.8% for FY 2023. In general, all other costs escalated at an average of 2.7% per year.
E = Encumbered costs from projects under contracts from previous fiscal years
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System Expansion Projects Summary (Page 1 of 2)

Page	Project Number	Project Name	Project Description				Project Cost (thousands \$) by Fiscal Year *					Fund Source	Project Phases Funded			
			From	To	Length (miles)	Work Description	18/19		19/20		20/21			21/22	22/23	
							E	U	E	U	U			U	U	
29	599-215	Northeast Connector Expressway Extension Study	Northeast District	SR 528	8.0	New Expressway	1,059	0	0	0	0	0	0	SP	Concept, Feasibility & Mobility Study	
30	599-225	Lake / Orange Connector Feasibility/PD&E Study	US 27	SR 429	-	New Expressway	1,500	0	0	0	0	0	0	SP	PD&E	
31	-	Lake / Orange Connector (Potential)	US 27	SR 429	5.0	New Expressway	0	0	0	0	0	7,531	7,531	SP	Design	
32	408-254	SR 408 Eastern Extension PD&E	Challenger Parkway	SR 520	-	New Expressway	100	0	0	0	0	0	0	SP	PD&E	
33	-	SR 408 Eastern Extension - Segment 1 (Potential)	Challenger Parkway	Avalon Park Boulevard	2.1	New Expressway	0	0	0	0	0	8,513	8,513	SP	Design	
34	599-221	Osceola Parkway Extension PD&E Study Re-Evaluation (Potential)	Boggy Creek Road	Sunbridge Parkway	-	New Expressway	0	2,000	0	0	0	0	0	SP	PD&E	
35	-	Osceola Parkway Extension - Segment 1 (Potential)	Jeff Fuqua Boulevard	Narcoossee Road	7.5	New Expressway	0	0	0	7,547	15,094	34,519	125,214	SP	Design, Partial Right-of-Way, & Partial Construction	
36	-	Osceola Parkway Extension - Segment 2 (Potential)	Narcoossee Road	Sunbridge Parkway	5.3	New Expressway	0	0	0	0	13,386	19,012	126,453	SP	Design, Partial Right-of-Way, & Partial Construction	
37	599-224	Poinciana / I-4 Connector PD&E Study (Potential)	Cypress Parkway	CR 532	-	New Expressway	0	2,000	0	0	0	0	0	SP	PD&E	
38	-	Poinciana / I-4 Connector - Segment 1 (Potential)	Cypress Parkway	SR 538 @ Kinny Harmon Road	7.4	New Expressway	0	0	0	0	0	4,425	8,849	SP	Design	
39	-	Southport Connector - Segment 1 (Potential)	Pleasant Hill Rd.	Future Interchange	5.0	New Expressway	0	0	0	0	0	9,823	51,621	SP	Design & Partial Right-of-Way	
40	-	Southport Connector - Segment 2 (Potential)	Future Interchange	Florida's Turnpike	4.5	New Expressway	0	0	0	0	0	6,548	46,357	SP	Design & Partial Right-of-Way	
41	-	Southport Connector - Segment 3 (Potential)	Florida's Turnpike	Canoe Creek Rd.	2.0	New Expressway	0	0	0	0	6,945	13,891	11,582	SP	Design & Partial Right-of-Way	
Encumbered Total							2,659		0							
Unencumbered Total								4,000		7,547	35,425	104,262	386,120			
SUB-TOTALS (Page 1)							6,659		7,547	35,425	104,262	386,120				

* Construction costs escalated at 2.8% for FY 2019, 2.6% for FY 2020, 2.5% for FY 2021, 2.7% for FY 2022, and 2.8% for FY 2023. Right-of-Way costs escalated at 6.0% per year.

In general, all other costs escalated at an average of 2.7% per year.

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

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System Expansion Projects Summary (Page 2 of 2)

Page	Project Number	Project Name	Project Description				Project Cost (thousands \$) by Fiscal Year *					Fund Source	Project Phases Funded		
			From	To	Length (miles)	Work Description	18/19		19/20		20/21			21/22	22/23
							E	U	E	U	U			U	U
42	-	SR 414 Direct Connection Study (Potential)	US 441	SR 434	-	New Expressway	0	0	0	517	0	0	0	SP	Concept Study
43	-	Future Corridor Planning Studies (Potential)	-	-	-	New Expressway	0	1,000	0	1,000	1,000	1,000	1,000	SP	Planning Studies
44	-	2045 Master Plan	-	-	-	Master Plan	0	0	0	0	637	0	0	SP	Planning
45	429-200G	SR 429 / SR 414 Interchange Landscape Phase II	-	-	-	Landscaping	20	0	0	0	0	0	0	SP	Partial Maintenance
46	429-825	Wekiva Parkway (206) Landscape	Coronado Somerset Dr.	SR 46	-	Landscaping	0	951	0	20	10	0	0	SP	Installation & Maintenance
47	429-824	Wekiva Parkway (202 & 203) Landscape	US 441	Kelly Park Road	-	Landscaping	0	60	0	60	0	0	0	SP	Maintenance
48	429-826	Wekiva Parkway (205) Landscape	Plymouth Sorrento Rd.	South of Orange/Lake County Line	-	Landscaping	65	879	0	884	20	5	0	SP	Design, Installation & Maintenance
49	-	Wekiva Parkway (204) Landscape (Systems IC)	South of Ondich Rd.	Plymouth Sorrento Rd.	-	Landscaping	0	161	0	2,085	20	15	0	SP	Design, Installation & Maintenance
50	-	Wekiva Parkway (203) Kelly Park Rd. Interchange Landscape	Kelly Park Rd. Interchange	-	-	Landscaping	0	0	0	36	533	502	20	SP	Design, Installation & Partial Maintenance
51	429-051	SR 429 - Wekiva Parkway (Right-of-Way)	US 441	East of Mt Plymouth Rd and NW to SR 46	-	New Expressway	0	2,625	0	0	0	0	0	SP / CF	Right-of-Way
Encumbered Total							85		0						
Unencumbered Total								5,676		4,602	2,220	1,522	1,020		
SUB-TOTALS (Page 2)							5,761		4,602	2,220	1,522	1,020			
TOTALS							12,420		12,149	37,645	105,784	387,140			

* Construction costs escalated at 2.8% for FY 2019, 2.6% for FY 2020, 2.5% for FY 2021, 2.7% for FY 2022, and 2.8% for FY 2023. Right-of-Way costs escalated at 6.0% per year.

In general, all other costs escalated at an average of 2.7% per year.

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U = Unencumbered costs

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

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Page	Project Number	Project Name	Project Description				Project Cost (thousands \$) by Fiscal Year *					Fund Source	Project Phases Funded			
			From	To	Length (miles)	Work Description	18/19		19/20		20/21			21/22	22/23	
							E	U	E	U	U			U	U	
52	408-253G	SR 408/SR 417 Interchange (Phase II) Design-Build	SR 408/SR 417	Lake Underhill Road	-	Ramps, Mill & Resurface	41,216	0	10,304	0	0	0	0	0	SP	Construction
53	-	SR 429 / Schofield Road Interchange Landscaping	-	-	-	Landscaping	0	0	0	0	0	0	14	SP	Partial Design	
54	417-301D	SR 417 / Boggy Creek Road Interchange (Phase III) Landscaping	-	-	-	Landscaping	20	0	15	0	0	0	0	SP	Partial Maintenance	
55	408-312	SR 408 at I-4 Ultimate	-	-	-	Interchange Reconstruction	75,500	0	80,500	0	300	0	0	SP	Contribution, Corridor Consultant, & Const. Liaison	
56	429-316A	SR 429 Stoneybrook West Interchange	-	-	-	Interchange Design	680	0	0	5,490	3,160	0	0	SP	Design & Construction	
57	-	SR 528 / Innovation Way Landscaping	-	-	-	Landscaping	0	0	0	0	48	598	20	SP	Design, Installation & Partial Maintenance	
58	-	SR 528 - Dallas Boulevard Interchange	East of Econ River Bridge	East of Dallas Blvd.	-	Interchange Reconstruction	0	0	0	5	3,109	11,752	43,670	SP	Design & Construction	
Encumbered Total							117,416		90,819							
Unencumbered Total								0		5,495	6,617	12,350	43,704			
TOTALS							117,416		96,314		6,617	12,350	43,704			

* Construction costs escalated at 2.8% for FY 2019, 2.6% for FY 2020, 2.5% for FY 2021, 2.7% for FY 2022, and 2.8% for FY 2023. In general, all other costs escalated at an average of 2.7% per year.

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U = Unencumbered costs

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

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Page	Project Number	Project Name	Project Description				Project Cost (thousands \$) by Fiscal Year *						Fund Source	Project Phases Funded	
			From	To	Length (miles)	Work Description	18/19		19/20		20/21	21/22			22/23
							E	U	E	U	U	U			U
59	-	Systemwide Toll Plaza Projects	-	-	-	Toll Plaza Projects	0	100	0	100	100	100	100	SP	Design & Construction
60	-	Systemwide Generator Replacement (SR 417 / 408 / 429)	-	-	-	Generator Replacement	0	35	0	2,140	0	0	0	SP	Design & Construction
61	-	Systemwide Generator Replacement (SR 429)	-	-	-	Generator Replacement	0	0	0	41	595	0	0	SP	Design & Construction
62	-	Systemwide Generator Replacements and Upgrades	-	-	-	Generator Replacements	0	0	0	0	16	346	26	SP	Design & Construction
63	599-732A	SR 408 and SR 429 Toll Plaza Air Conditioner Replacements	-	-	-	Air Conditioner Replacements	47	0	0	0	0	0	0	SP	Construction
64	-	Systemwide Air Conditioner Unit Replacement 408 / 429 / 414	-	-	-	Air Conditioner Replacements	0	41	0	297	0	0	0	SP	Design & Construction
65	-	Systemwide Air Conditioner Replacements and Upgrades	-	-	-	Air Conditioner Replacements	0	0	0	0	28	143	64	SP	Design & Construction
66	-	SR 408 Ramp Plazas Roof Replacements	-	-	-	Roof Replacements	0	716	0	0	0	0	0	SP	Design & Construction
67	-	Systemwide Roof Replacements	-	-	-	Roof Replacements	0	0	0	540	540	540	540	SP	Design & Construction
68	-	Systemwide Uninterrupted Power Supply (UPS) Replacements	-	-	-	UPS Replacements	0	110	0	110	110	110	110	SP	Installation
69	599-413	CFX Headquarters 1st & 3rd Floor Renovations	-	-	-	Building Modification	0	1,197	0	0	0	0	0	SP	Bidding & Construction
70	-	Miscellaneous CFX Headquarters Improvements	-	-	-	Miscellaneous Projects	0	25	0	315	315	315	315	SP	Design & Construction
71	599-416A	CFX East District Facility	-	-	-	District Facility	0	6,109	0	3,050	0	0	0	SP	Design & Construction
72	-	CFX West District Facility	-	-	-	District Facility	0	3,431	0	6,142	0	0	0	SP	Design & Construction
Encumbered Total							47		0						
Unencumbered Total								11,764		12,735	1,704	1,554	1,155		
TOTALS							11,811		12,735	1,704	1,554	1,155			

* Construction costs escalated at 2.8% for FY 2019, 2.6% for FY 2020, 2.5% for FY 2021, 2.7% for FY 2022, and 2.8% for FY 2023. In general, all other costs escalated at an average of 2.7% per year.

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

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Page	Project Number	Project Name	Project Description				Project Cost (thousands \$) by Fiscal Year *						Fund Source	Project Phases Funded	
			From	To	Length (miles)	Work Description	18/19		19/20		20/21	21/22			22/23
							E	U	E	U	U	U			U
73	408-509	Fiber Optic Network (FON) Utility Adjustments	-	-	-	Utility Adjustments	0	100	0	50	50	50	50	SP	Utility Adjustments
74	599-536	Regional ITS Partnership Projects	-	-	-	Regional ITS Partnership Projects	0	180	0	180	180	180	180	SP	Partnership Contributions
75	599-524	ITS Network Upgrade Phase II	-	-	-	Re-splice Network Physical Architecture	0	1,820	0	0	0	0	0	SP	Design & Installation
76	599-547	Wekiva Parkway CCTV Deployment Sections 2A, 2B & 2C	-	-	-	CCTV Cameras	0	953	0	943	0	0	0	SP	Installation
77	-	Advanced Expressway Operations Performance Measures	-	-	-	Enhancements to ITS Data Analysis Systems	0	0	0	1,345	0	0	0	SP	Implementation
78	599-537	Supplemental DCS and CCTV Deployment	-	-	-	Deploy DCS and CCTV Cameras	7,184	0	0	0	0	0	0	SP	Installation
79	599-526	Wrong-Way Driving Countermeasures	-	-	-	Wrong-Way Driving Countermeasures	0	35	0	1,735	1,193	0	0	SP	Design & Construction
80	-	Security Cameras - Plazas, Ramps, and Service Centers	-	-	-	Security Cameras	0	215	0	308	0	0	0	SP	Design & Construction
81	-	Traffic Safety Improvements Pilot	-	-	-	Warning Devices	0	322	0	0	0	0	0	SP	Bidding & Construction
82	-	Three-Line DMS Upgrade Program	-	-	-	New Full-Color DMS roadway signs	0	2,581	0	3,764	3,862	3,593	1,205	SP	Design & Construction
83	-	Field Ethernet Switch Replacement	-	-	-	IT Network switches	0	153	0	157	162	166	0	SP	Implementation
84	-	Connected Vehicle Study	-	-	-	Connected Vehicle Study	0	150	0	0	0	0	0	SP	Concept Study
85	-	Transportation Technology Master Plan	-	-	-	Connected Vehicle Pilot Concept	0	203	0	0	0	0	0	SP	Concept
86	599-538	Connected Vehicle Pilot Project	-	-	-	Pilot Project	0	169	0	236	0	0	0	SP	Design and Construction
87	-	Connected Vehicle Technology Deployment	-	-	-	Deployment of Connected Vehicle Technology	0	0	0	0	0	0	1,703	SP	Design and Implementation
88	-	Terminal Server Replacement	-	-	-	Replacement of Digi Terminal Servers	0	0	0	135	0	0	0	SP	Construction
89	-	Remote Power Managers Replacement	-	-	-	Replacement of Minuteman Remote Power Managers	0	0	0	52	0	0	0	SP	Installation
90	-	MG2 Lower Arm Replacement	-	-	-	Replacement of Lowering Arms for HD Cameras	0	0	0	104	107	0	0	SP	Installation
Encumbered Total							7,184		0						
Unencumbered Total								6,881		9,009	5,554	3,989	3,138		
TOTALS							14,065		9,009	5,554	3,989	3,138			

* Construction costs escalated at 2.8% for FY 2019, 2.6% for FY 2020, 2.5% for FY 2021, 2.7% for FY 2022, and 2.8% for FY 2023. In general, all other costs escalated at an average of 2.7% per year.
E = Encumbered costs from projects under contracts from previous fiscal years
U = Unencumbered costs

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

DRAFT

Page	Project Number	Project Name	Project Description				Project Cost (thousands \$) by Fiscal Year *					Fund Source	Project Phases Funded		
			From	To	Length (miles)	Work Description	18/19		19/20		20/21			21/22	22/23
							E	U	E	U	U			U	U
91	599-902	Toll Collection System Upgrade	-	-	-	Hardware & Software	17,668	0	4,436	0	3,569	0	0	SP	Implementation & Testing
92	599-533	Software - Hardware Replacements & Upgrades	-	-	-	Hardware and Software	0	1,200	0	1,200	0	0	0	SP	Design & Implementation
93	-	Back Office - E-PASS Re-Write	-	-	-	Hardware & Software	0	9,202	0	6,958	3,482	0	0	SP	Design & Implementation
94	599-531	eCommerce Mobile Application	-	-	-	Software	0	468	0	366	0	0	0	SP	Design & Implementation
95	-	Financial / Accounting Software Replacement	-	-	-	Software	0	810	0	0	0	0	0	SP	Design
96	-	E-PASS Service Center Relocations and Buildout	-	-	-	New Building for Walk-Up Center	0	1,117	0	2,911	0	0	0	SP	Design & Construction
97	-	E-PASS Parking Initiatives	-	-	-	E-PASS at Offsite Garages	0	2,040	0	0	0	0	0	SP	Design and Implementation
98	-	Third-Party Toll Technology	-	-	-	Software Testing	0	500	0	400	200	0	0	SP	Support Services
99	-	Airport E-PASS Rental Car Program	-	-	-	E-PASS for airport car rentals.	2,000	0	0	0	0	0	0	SP	Design, Construction, Implementation
100	-	Toll Plazas Security Camera	-	-	-	Hardware & Software	2,254	0	418	0	0	0	0	SP	Implementation & Testing
Encumbered Total							21,922		4,854						
Unencumbered Total								15,337		11,835	7,251	0	0		
TOTALS							37,259		16,689		7,251	0	0		

* Construction costs escalated at 2.8% for FY 2019, 2.6% for FY 2020, 2.5% for FY 2021, 2.7% for FY 2022, and 2.8% for FY 2023. In general, all other costs escalated at an average of 2.7% per year.
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U = Unencumbered costs

Signing and Pavement Markings Summary

Page	Project Number	Project Name	Project Description				Project Cost (thousands \$) by Fiscal Year *					Fund Source	Project Phases Funded		
			From	To	Length (miles)	Work Description	18/19		19/20		20/21			21/22	22/23
							E	U	E	U	U			U	U
101	429-631	SR 429/CR 437A Int. SB Merge Signage	-	-	-	Signing	150	874	0	864	0	0	0	SP	Partial Design & Construction
102	428-628	SR 408 Guide Sign Replacement	-	-	-	Signing	60	586	0	1,152	0	0	0	SP	Partial Design & Construction
103	-	SR 417 Guide Sign Replacement	-	-	-	Signing	0	62	0	663	1,182	0	0	SP	Design & Construction
104	-	SR 414 Guide Sign Replacement	-	-	-	Signing	0	0	0	63	679	1,212	0	SP	Design & Construction
105	-	Systemwide Miscellaneous Signing and Pavement Markings	-	-	-	Signing & Pavement Markings	0	105	0	105	105	180	180	SP	Design & Construction
Encumbered Total							210		0						
Unencumbered Total								1,627		2,847	1,966	1,392	180		
TOTALS							1,837		2,847	1,966	1,392	180			

* Construction costs escalated at 2.8% for FY 2019, 2.6% for FY 2020, 2.5% for FY 2021, 2.7% for FY 2022, and 2.8% for FY 2023. In general, all other costs escalated at an average of 2.7% 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)

Page	Project Number	Project Name	Project Description				Project Cost (thousands \$) by Fiscal Year *					Fund Source	Project Phases Funded		
			From	To	Length (miles)	Work Description	18/19		19/20		20/21			21/22	22/23
							E	U	E	U	U			U	U
106	408-742A	SR 408 Resurfacing	West SR 50	Ortman/Mercy Dr.	3.9	Mill & Resurface	4,400	0	0	0	0	0	RR	Construction	
107	408-742B	SR 408 Resurfacing	Ortman/Mercy Dr.	I-4	3.2	Mill & Resurface	2,205	0	0	0	0	0	RR	Construction	
108	408-746	SR 408 Resurfacing	East of I-4	Lake Underhill Bridge	1.8	Mill & Resurface	0	6,109	0	3,050	0	0	RR	Construction	
109	-	SR 408 Resurfacing	Yucatan Drive	SR 417	2.6	Mill & Resurface	0	0	0	0	679	12,904	0	RR	Design & Construction
110	-	SR 408 Resurfacing	East of Woodbury Rd.	North of SR 50 (East)	1.3	Mill & Resurface	0	0	0	0	230	4,305	0	RR	Design & Construction
111	-	SR 414 Resurfacing	West of SR 451	West of Keene Rd.	3.8	Mill & Resurface	0	796	0	10,187	5,088	0	0	RR	Design & Construction
112	-	SR 414 Resurfacing	West of Keene Rd.	US 441 (East)	3.1	Mill & Resurface	0	551	0	7,056	3,523	0	0	RR	Design & Construction
113	-	SR 417 Resurfacing	SR 528	Curry Ford Rd.	2.6	Mill & Resurface	0	0	0	723	9,244	4,617	0	RR	Design & Construction
114	-	SR 417 Resurfacing	SR 408	Canal E-4 Bridge	2.1	Mill & Resurface	0	0	0	472	9,043	0	0	RR	Design & Construction
115	429-752	SR 429 Pavement Study CR 535 to SR 451	CR 535	SR 451	1.6	Pavement Study	10	0	0	0	0	0	0	RR	Study
116	-	SR 429/414 Resurfacing	SR 414	US 441	3.0	Mill & Resurface	0	0	0	0	0	0	784	RR	Design
117	-	SR 451 Resurfacing	North of CR 437A Ramps	US 441	1.7	Mill & Resurface	0	0	0	0	258	4,957	0	RR	Design & Construction
118	528-747	SR 528 Resurfacing	SR 417	Innovation Way	5.8	Mill & Resurface	218	6,152	0	12,404	0	0	0	RR	Partial Design & Construction
119	528-749	SR 528 Resurfacing	Innovation Way	East of Dallas Blvd.	6.7	Mill & Resurface	93	4,616	0	4,606	0	0	0	RR	Partial Design & Construction
Encumbered Total							6,927		0						
Unencumbered Total								18,224		38,498	28,065	26,783	784		
SUB-TOTALS (Page 1)							25,151		38,498	28,065	26,783	784			

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U = Unencumbered costs

Renewal and Replacement Projects Summary (Page 2 of 2)

Page	Project Number	Project Name	Project Description				Project Cost (thousands \$) by Fiscal Year *					Fund Source	Project Phases Funded		
			From	To	Length (miles)	Work Description	18/19		19/20		20/21			21/22	22/23
							E	U	E	U	U			U	U
120	528-750	SR 528 Resurfacing	East of Dallas Blvd.	SR 520	7.6	Mill & Resurface	162	5,384	0	10,748	0	0	0	RR	Partial Design & Construction
121	528-131	SR 528 Econ River Bridge	-	-	-	Bridge Replacement & Widening	6,586	0	0	0	0	0	RR	Construction	
122	-	Miscellaneous Resurfacing Projects	-	-	-	Mill & Resurface	0	25	0	290	290	290	RR	Design & Construction	
123	-	Miscellaneous Drainage and Stormwater Projects	-	-	-	Drainage and Stormwater	0	60	0	310	310	310	RR	Design & Construction	
124	-	Systemwide Bridge Projects	-	-	-	Misc. Structural Projects	0	52	0	429	429	392	RR	Design & Construction	
125	599-734	Systemwide Coatings SR 408	Good Homes Road	I-4	-	Painting & Inspections	5,152	0	0	0	0	0	RR	Construction	
126	-	Systemwide Coatings Ramp Plaza Butterfly Structures	-	-	-	Painting & Inspections	0	46	0	425	0	0	RR	Design & Construction	
127	-	Systemwide Coatings	-	-	-	Painting & Inspections	0	150	0	4,490	160	4,630	RR	Design & Construction	
128	-	Systemwide Fence Projects	-	-	-	Fencing Replacement	0	275	0	275	275	275	RR	Construction	
129	-	Systemwide Bridge Joint & Approach Slab Projects	-	-	-	Structural	0	17	0	110	110	110	RR	Design & Construction	
130	-	Systemwide Reflective Pavement Markers & Thermo Striping	-	-	-	RPM & Striping	0	25	0	135	180	185	RR	Design & Construction	
131	-	Systemwide Trailblazer Upgrades	-	-	-	Signing	0	620	0	615	1,085	620	RR	Design & Construction	
132	-	Systemwide Signing Replacement Projects	-	-	-	Signing	0	145	0	1,685	140	1,740	RR	Design & Construction	
133	599-528	Traffic Management CCTV Upgrade	-	-	-	Equipment Cameras	0	151	0	155	159	0	RR	Implementation	
Encumbered Total							11,900		0						
Unencumbered Total								6,950		19,667	3,138	8,552	7,335		
SUB-TOTALS (Page 2)							18,849		19,667	3,138	8,552	7,335			
TOTALS							44,000		58,165	31,203	35,335	8,119			

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

U = Unencumbered costs

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

DRAFT

Page	Project Number	Project Name	Project Description				Project Cost (thousands \$) by Fiscal Year *					Fund Source	Project Phases Funded		
			From	To	Length (miles)	Work Description	18/19		19/20		20/21			21/22	22/23
							E	U	E	U	U			U	U
134	-	Systemwide Discretionary Landscape Projects	-	-	-	Landscaping	0	810	0	805	1,435	810	805	SP	Design & Construction
						Encumbered Total	0		0						
						Unencumbered Total		810		805	1,435	810	805		
						TOTALS		810		805	1,435	810	805		

* Construction costs escalated at 2.8% for FY 2019, 2.6% for FY 2020, 2.5% for FY 2021, 2.7% for FY 2022, and 2.8% for FY 2023. In general, all other costs escalated at an average of 2.7% per year.

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

U = Unencumbered costs

Expansion Projects Schedules

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
Activity		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038
Lake / Orange Connector	Design																					
	ROW																					
	Mitigation																					
	Bidding																					
	Construction																					
SR 408 Segment 1	Design																					
	ROW																					
	Mitigation																					
	Bidding																					
	Construction																					
SR 408 Segment 2	Design																					
	ROW																					
	Mitigation																					
	Bidding																					
	Construction																					
SR 408 Segment 3	Design																					
	ROW																					
	Mitigation																					
	Bidding																					
	Construction																					
OPE Segment 1	Design																					
	ROW																					
	Mitigation																					
	Bidding																					
	Construction																					
OPE Segment 2	Design																					
	ROW																					
	Mitigation																					
	Bidding																					
	Construction																					
Poinciana Segment 1	Design																					
	ROW																					
	Mitigation																					
	Bidding																					
	Construction																					
Poinciana Segment 2	Design																					
	ROW																					
	Mitigation																					
	Bidding																					
	Construction																					
Southport Segment 1	Design																					
	ROW																					
	Mitigation																					
	Bidding																					
	Construction																					
Southport Segment 2	Design																					
	ROW																					
	Mitigation																					
	Bidding																					
	Construction																					
Southport Segment 3	Design																					
	ROW																					
	Mitigation																					
	Bidding																					
	Construction																					
Southport Segment 4	Design																					
	ROW																					
	Mitigation																					
	Bidding																					
	Partial Const.																					

Comparison Matrix for Potential Expansion Projects
 FY 19 to FY 23 Work Plan

Project	Limits	Length (Mi)	Enviromental	10		10		10		25		25		80		Rank	Comments		
				Env. Score	R/W (ac)	Opening Yr Traffic (2025)	Traf. Score	Design Yr Traffic (2045)	Traf. Score	Project Cost (\$m 2018\$)	Revenue (\$m 2018\$)	Work Plan Estimate (\$m 2018\$)	Viability	Via Score	Project Need			Need Score	Total Score
Osceola Parkway Extension	Jeff Fuqua Blvd to Sunbridge Parkway	12.8	See attached	3.5	746 to 933	8,800	3	43,800	6	\$580 to \$885	\$297	\$652	51%	20	See attached	13	45.5	1	Reflects full dedication of project right-of-way to CFX from Tavistock and Deseret Reflects partially bridging Split Oak Forest
Southport Connector	Pleasant Hill Rd to Old Canoe Creek Rd	11.5	See attached	8	514 to 593	15,200	6	44,500	6	\$800 to \$830	\$246	\$800	31%	10	See attached	13	43.0	2	
Poinciana Parkway Extension	Cypress Parkway to CR 532	10.4	See attached	5	188-240	14,800	5	26,000	3	\$490 to \$580	\$240	\$582	49%	19	See attached	10	42.0	3	Assumes ownership and widening existing Poinciana Parkway Requires Third Party partnership Segment Alternative to CR 532 requires partnerships for widening of CR 532 to 6 lanes and for new interchange at I-4
SR 408 Eastern Extension	Woodbury Road to SR 50	7.2	See attached	8	367	20,500	8	35,500	5	\$678	\$119	\$678	17%	3	See attached	18	42.0	3	
SR 408 Eastern Extension	Woodbury Road to Avalon Park	2.1	See attached	9.5	101	20,500	8	35,500	5	\$260	\$56	\$260	22%	5	See attached	14	41.5	5	
SR 408 Eastern Extension	Woodbury Road to Chuluota Road Extension	4.2	See attached	9	216	20,500	8	35,500	5	\$515	\$94	\$515	18%	4	See attached	14	40.0	6	
Lake Orange Connector	US 27 to SR 429	5.0	See attached	8	236	9,800	3	24,500	2	\$192	\$54	\$192	28%	8	See attached	13	34.0	7	

Traffic Opening Year	
>25k	10
22.5k - 25k	9
20k - 22.5k	8
17.5k - 20k	7
15k - 17.5k	6
12.5k - 15k	5
10k - 12.5k	4
7.5k - 10k	3
5k - 7.5k	2
< 5k	1

Traffic Design Year	
>60k	10
55k - 60k	9
50k - 55k	8
45k - 50k	7
40k - 45k	6
35k - 40k	5
30k - 35k	4
25k - 30k	3
20k - 25k	2
< 20k	1

Viability			
>60%	25	34% - 36%	12
58% - 60%	24	32% - 34%	11
56% - 58%	23	30% - 32%	10
54% - 56%	22	28% - 30%	9
52% - 54%	21	26% - 28%	8
50% - 52%	20	24% - 26%	7
48% - 50%	19	22% - 24%	6
46% - 48%	18	20% - 22%	5
44% - 46%	17	18% - 20%	4
42% - 44%	16	16% - 18%	3
40% - 42%	15	14% - 16%	2
38% - 40%	14	<14%	1
36% - 38%	13		

Environmental Considerations
 FY 19 to FY 23 Work Plan

Project	Limits	Max Points	Length (Mi)	3		3		2		1		1		Composite Rank	Comments
				Species (1st Tier)	Rank	Conservation (1st Tier)	Rank	Cultural (2nd Tier)	Rank	Wetlands (2nd/3rd Tier)	Rank	Recreational (4th Tier)	Rank		
				(Ac)		(Ac)		(Ea)		(Ac)		(Y/N)			
Osceola Parkway Extension	Jeff Fuqua Blvd to Sunbridge Parkway		12.8												
				467-501	1.5	58-436	1	5-8	1	368-435	0	Y	0	3.5	
Poinciana Parkway Extension	Cypress Parkway to CR 532		10.4												
				375-576	1.5	0-68	2	2-8	1.5	84-185	0	Y	0	5	
SR 408 Eastern Extension	Woodbury Road to SR 50		7.2												
		Corridor 4			2	33	3	1	2	91	1	Y	0	8	
SR 408 Eastern Extension	Woodbury Road to Chuluota Road Extension		4.2												
		Corridor 4			2	17	3	1	2	63	1	N	1	9	
SR 408 Eastern Extension	Woodbury Road to Avalon Park		2.1												
		Corridor 4			2.5	10	3	0	2	39	1	N	1	9.5	
Southport Connector	Pleasant Hill Rd to Old Canoe Creek Rd		11.5												
				351-448	2.5	12-22	3	2-6	1.5	34-49	1	Y	0	8	
Lake Orange Connector	US 27 to SR 429		5.0												
		Corridor C		See Comments	1	12-14	3	0	2	0-1	1	N	1	8	Large population of gopher tortises and skinks.

Species Includes potential habitat - federal listed species and state listed species.
 Conservation Includes conservation easements associated with the project corridor.
 Cultural Includes potential historic resources, historic linear resources (canals), and archaeological resources.
 Wetlands Includes non-forested and forested areas.
 Recreational Includes coordination requirements for public recreation lands, wildlife refuges, etc. per Section 4(f).

Species		Conservation		Cultural		Wetlands		Recreational	
<400	3	<50	3	<5	2	<100	1	N	1
400-500	2	50-100	2	>=5	1	>=100	0	Y	0
>500	1	>100	1						

Project Need
FY 19 to FY 23 Work Plan

Project	Limits	Length (Mi)	Status	2		5		2		1		2		5		2		5		1		25		Comments
				Score	System Linkage	Score	Capacity	Score	Transportation Demand	Score	Legislation	Score	Social Demands or Economic Development	Score	Modal Interrelationships	Score	Safety & Evacuation Support	Score	Roadway Deficiencies	Score	Composite Score			
						(Y/N)				(Y/N)				(Y/N)				(Y/N)						
Osceola Parkway Extension	Jeff Fuqua Blvd to Sunbridge Parkway	12.8																						
Poinciana Parkway Extension	Cypress Parkway to CR 532	10.4	CF&M	1	See Below	1	N	0	Y	1	Y	2	See Below	5	Y	2	See Below	1	N	0	13			
SR 408 Eastern Extension	Woodbury Road to SR 50	7.2	CF&M	1	See Below	1	N	0	Y	1	N	0	See Below	3	N	0	See Below	3	Y	1	10	Undivided two-way facility to a divided 4-lane facility		
SR 408 Eastern Extension	Woodbury Road to Chuluota Road Extension	4.2	PD&E	2	See Below	5	Y	2	Y	1	Y	2	See Below	1	N	0	See Below	5	N	0	18			
SR 408 Eastern Extension	Woodbury Road to Avalon Park	2.1	PD&E	2	See Below	1	Y	2	Y	1	Y	2	See Below	3	N	0	See Below	3	N	0	14			
Southport Connector	Pleasant Hill Rd to Old Canoe Creek Rd	11.5	PD&E	2	See Below	1	Y	2	Y	1	Y	2	See Below	3	N	0	See Below	3	N	0	14			
Lake Orange Connector	US 27 to SR 429	5.0	CF&M	1	See Below	5	N	0	Y	1	N	0	See Below	5	N	0	See Below	1	N	0	13			
			CF&M	1	See Below	5	N	0	Y	1	N	0	See Below	5	N	0	See Below	1	N	0	13			

The need for the project arises from deficiencies, issues, and/or concerns that currently exist or are expected to occur within the project area. The need serves as the foundation for the proposed project.

Status: Disposition of the project

System Linkage: Discuss how the proposed project fits into the existing and future local, regional and state transportation system (network) and contributes to the movement of people, goods, and services.

Capacity: Discuss the capacity of the existing facility, its existing and anticipated LOS, and any operational deficiencies of the facility.

Transportation Demand: Discuss the project relationship to any statewide transportation plan or adopted urban transportation plan.

Legislation: Document the need to respond to federal, state, or local government requirements. (ECF Task Force - 408 and OPE)

Social Demands or Economic Development: Describe how the action will foster new employment, benefit schools, land use plans, recreation facilities.

Modal Interrelationships: Identify the need to address other modes of transportation

Safety & Evacuation Support: Discuss crashes which have occurred in the study area that may indicate a need for improvement.

Roadway Deficiencies: Is the proposed project necessary to correct existing roadway deficiencies?

Status	System Linkage	Capacity	Transportation Demand	Legislation	Social Demands or Economic Development	Modal Interrelationships	Safety & Evacuation Support	Roadway Deficiencies							
PD&E complete	2	See Below	5	Yes	1	Yes	1	See Below	5	Yes	1	See Below	5	Yes	1
CF&M complete	1	See Below	3	No	0	No	0	See Below	3	No	0	See Below	3	No	0
Conceptual	0	See Below	1					See Below	1			See Below	1		

System Linkage
 1 - Included in regional planning and future network
 3 - Included in regional planning and future network, provides new regional connection between two major facilities
 5 - Included in regional planning and future network, provides new regional connection between two major facilities, and includes multi-modal elements

Social Demands or Economic Development
 1 - Fosters new growth
 3 - Fosters new growth, supports approved land use changes
 5 - Fosters new growth, supports approved land use changes, and supports approved DRI's

Safety & Evacuation Support
 1 - Improves traffic flow and relieves congestion
 3 - Improves traffic flow and relieves congestion and diverts traffic from a higher hazard facility
 5 - Improves traffic flow and relieves congestion, diverts traffic from a higher hazard facility, and serves as a direct hurricane evacuation route