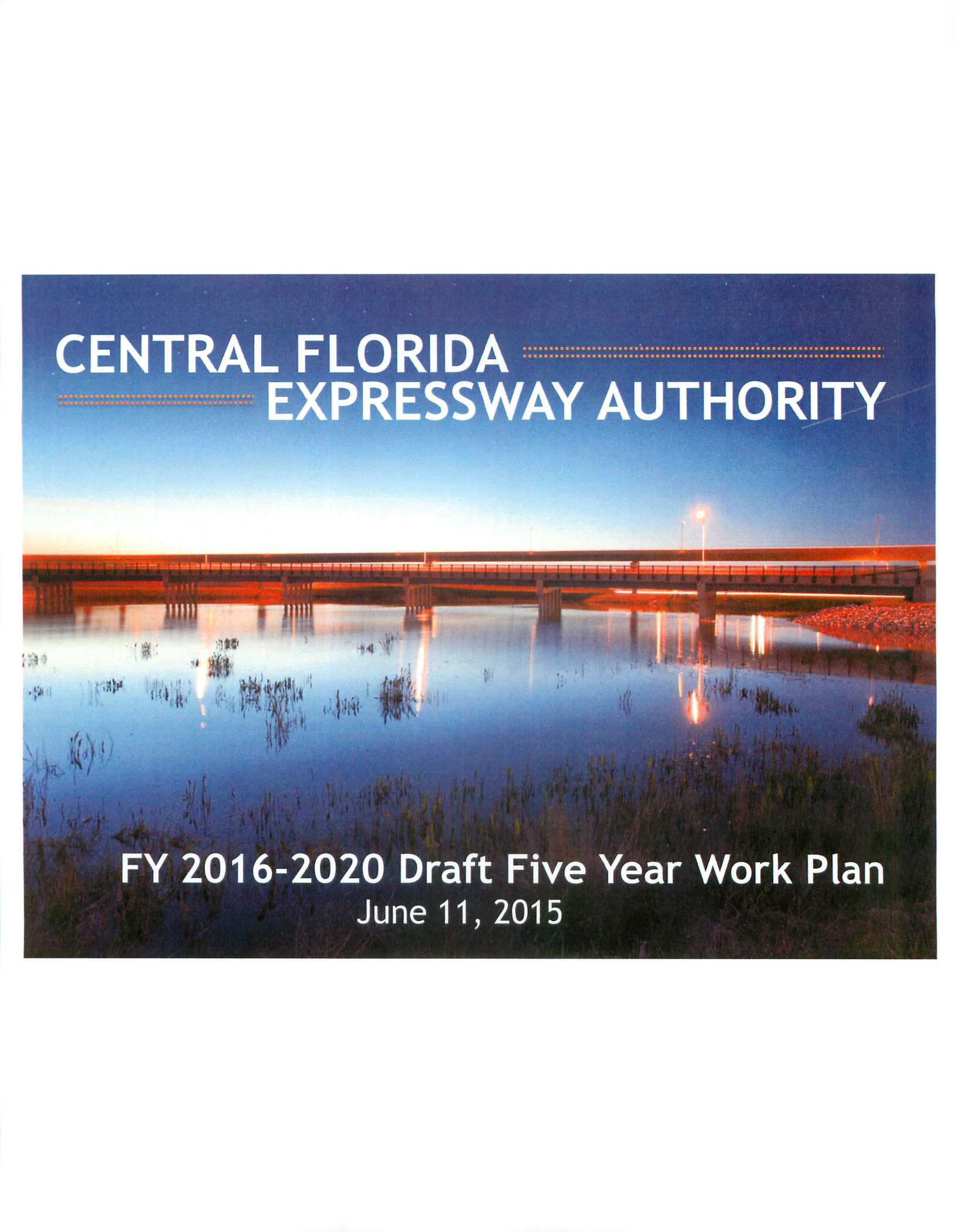




CENTRAL FLORIDA EXPRESSWAY AUTHORITY

FY 2016-2020 Draft Five Year Work Plan
June 11, 2015

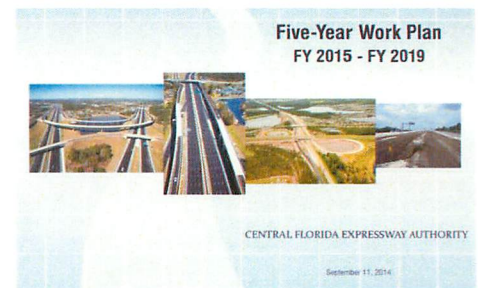


WORKSHOP AGENDA

- Current Work Plan
- Work Plan Development
- Draft FY 16-20 Work Plan
- Financial Analysis

»» CURRENT WORK PLAN

- Adopted September 2014
 - \$1.16 B
- Major Accomplishments:
 - SR 417 Widening (Curry Ford to Lake Underhill)
 - 20 Parcels Acquired for Wekiva Parkway
 - SR 429 / Schofield Road Interchange
 - SR 417 / Florida's Turnpike Interchange
 - Goldenrod Road Resurfacing





WORK PLAN DEVELOPMENT



CENTRAL FLORIDA EXPRESSWAY AUTHORITY

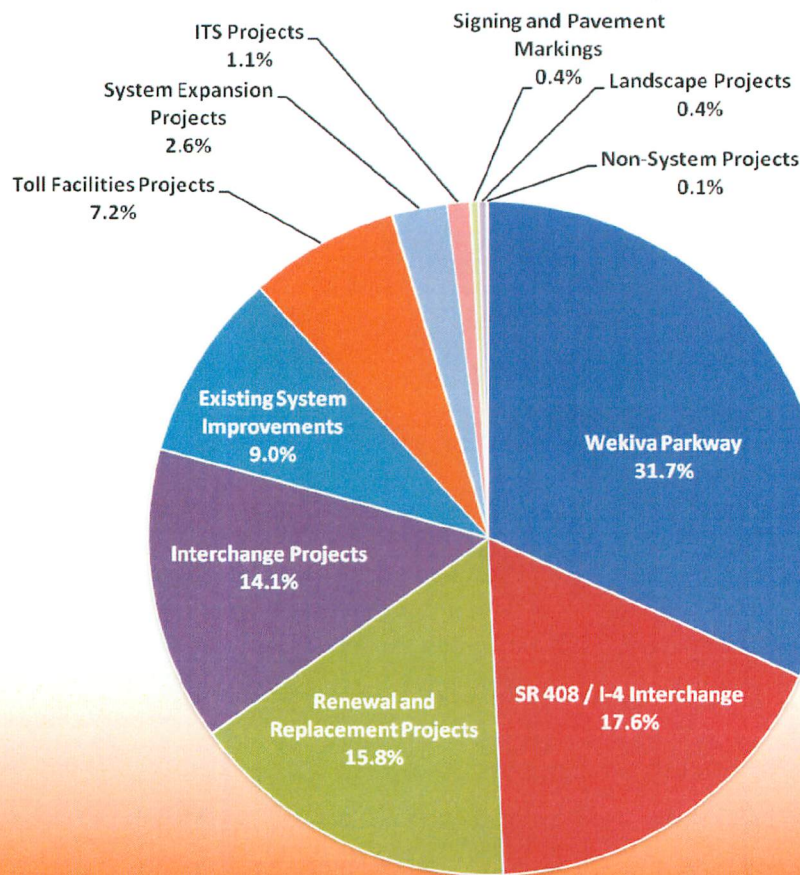
DRAFT FY 16-20 WORK PLAN

Project Cost Summary (\$000's)	Fiscal Year					Totals
	2015/16	2016/17	2017/18	2018/19	2019/20	
Existing System Improvements	28,777	63,057	18,867	3,217	6,897	120,816
System Expansion Projects	190,805	206,024	60,380	1,479	0	458,688
Interchange Projects	39,808	63,898	106,401	113,613	99,836	423,556
Toll Facilities Projects	41,430	12,687	23,905	16,117	1,639	95,778
ITS Projects	4,927	3,078	3,646	2,657	555	14,863
Signing and Pavement Markings	275	4,462	150	150	150	5,187
Renewal and Replacement Projects	57,779	66,849	34,185	6,164	46,687	211,664
Landscape Projects	1,000	1,000	1,000	1,000	1,000	5,000
Non-System Projects	0	0	964	0	0	964
SUB TOTALS	364,801	421,055	249,498	144,397	156,764	1,336,516
Third Party Contributions	30,250	-	-	-	-	30,250
GRAND TOTALS	334,551	421,055	249,498	144,397	156,764	1,306,266

CENTRAL FLORIDA EXPRESSWAY AUTHORITY



DRAFT PLAN FUNDING DISTRIBUTION



CENTRAL FLORIDA EXPRESSWAY AUTHORITY

MAJOR PROJECTS

- Capacity Improvements (\$63.5 M)
 - SR 408 from Good Homes to Hiawassee
 - SR 408 from SR 417 to Alafaya Trail
 - SR 528 from Narcoossee to SR 417
 - SR 417 from Econ Trail to County Line (Design)
- Operational Improvements (\$14.5 M)
 - SR 417 SB to SR 528 WB Ramp Modification
 - SR 429 SB to CR 535 Exit Ramp Modification

»» MAJOR PROJECTS (CONTINUED)

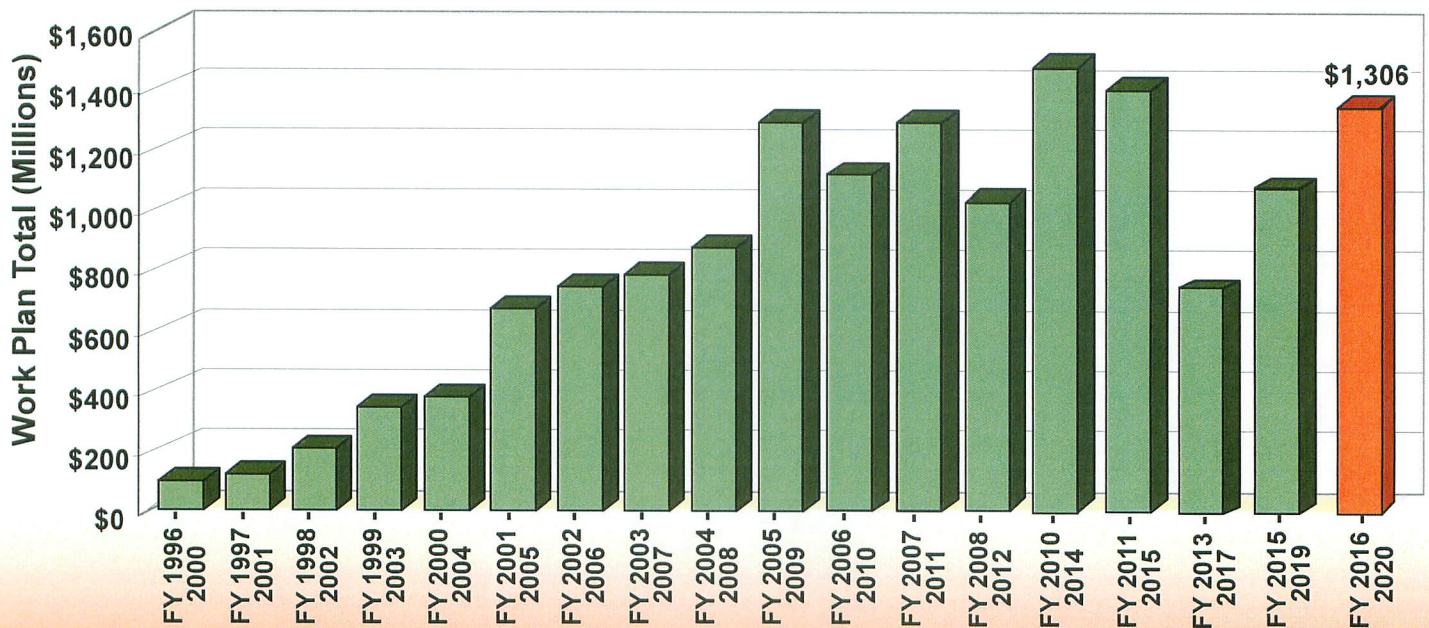
- Bridge Replacement / Improvements (\$36.2 M)
 - SR 528 / SR 436 Bridge Deck Replacements
 - SR 528 Econ River Bridge Replacement
- Right-of-Way - Multimodal Corridor (\$28.0 M)
- Wekiva Parkway (\$423.7 M)
 - US 441 to Kelly Park Complete in Spring 2017
 - Kelly Park to SR 46 Complete in January 2018

MAJOR PROJECTS (CONTINUED)

- Interchange Projects (\$423.1 M)
 - SR 408 / SR 417
 - SR 417 / Boggy Creek Road
 - SR 528 / Innovation Way
 - SR 408 at I-4 Ultimate
- SR 528 Airport Toll Plaza Demolition (\$27.8 M)
- Toll Collection System Upgrade (\$68.0 M)
- Milling & Resurfacing (\$168.4 M)



HISTORICAL WORK PLAN TOTALS



CENTRAL FLORIDA EXPRESSWAY AUTHORITY

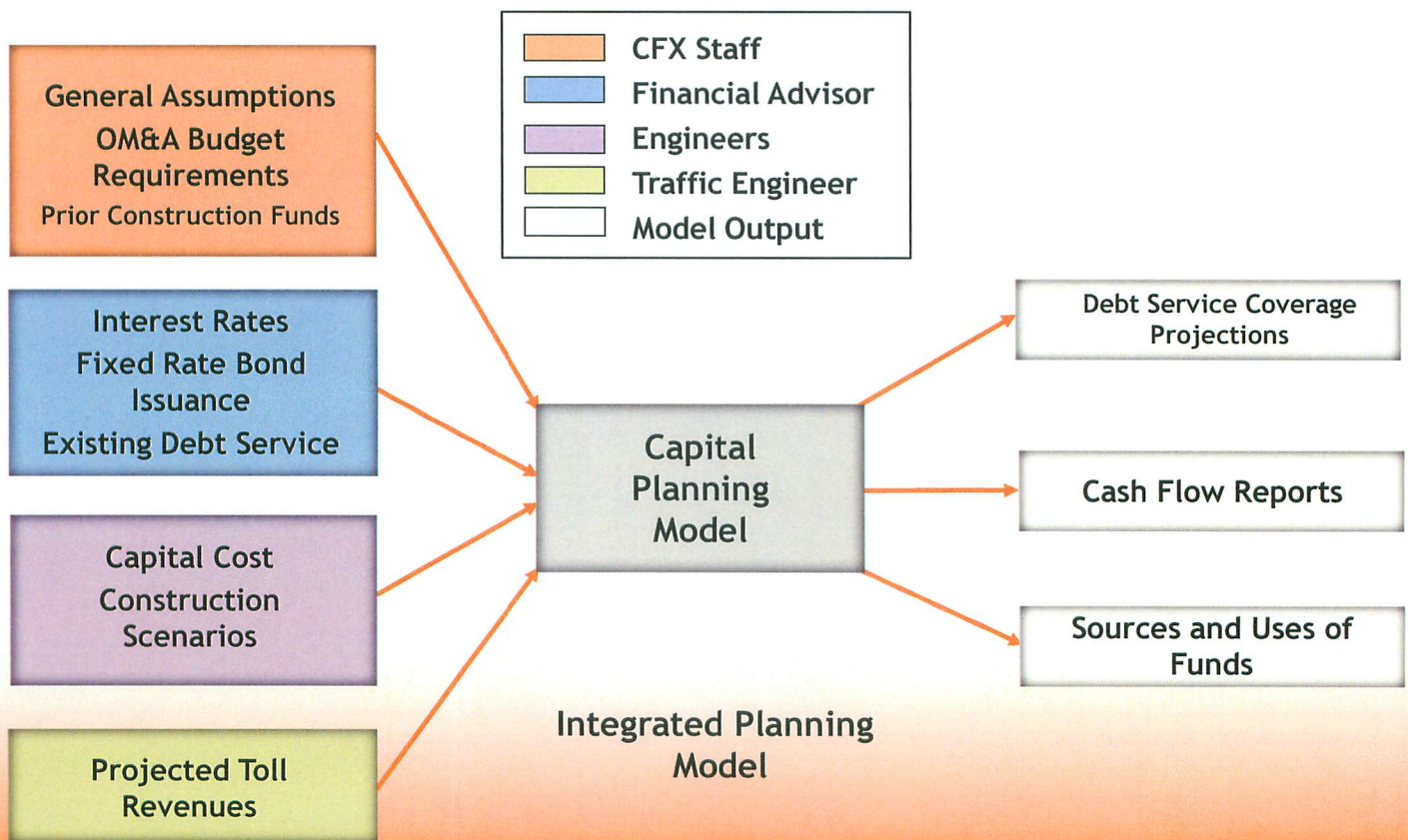


FINANCIAL ANALYSIS

CENTRAL FLORIDA EXPRESSWAY AUTHORITY



FINANCIAL PLANNING MODEL



CENTRAL FLORIDA EXPRESSWAY AUTHORITY



CAPITAL PLANNING MODEL ASSUMPTIONS

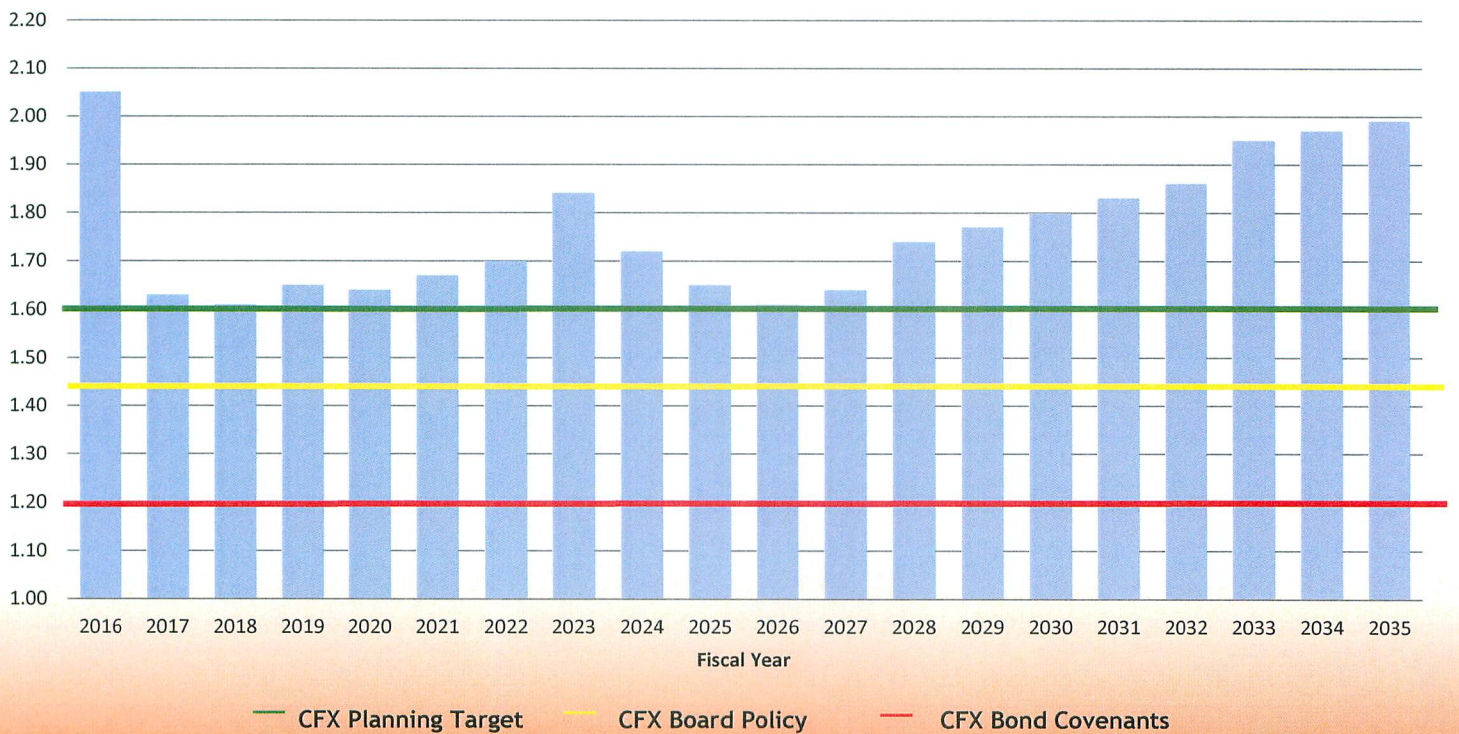
- Debt issuance assumptions are:
 - 30-year, fixed rate bonds, uninsured
 - Interest rates
 - assume historical 10-year average of Municipal Market Data,
 - credit spread of 90 bps (based on CFX's current credit ratings)
 - additional 135 bps of cushion
 - Debt Service Ratio target of 1.60x (senior lien debt)
 - Fully cash funded debt service reserve funds

CAPITAL PLANNING MODEL RESULTS

- Requires additional debt
 - Approximately \$1.1 billion (FY16, FY17, FY18, FY20, FY22, and FY24)
 - Approximately 50% of project expenditures over the 10 year period
- Modeling updated
 - New bonds are issued
 - New major assumptions
- Debt coverage ratios meets 1.60 planning target



PROJECTED SENIOR LIEN COVERAGE RATIO



CENTRAL FLORIDA EXPRESSWAY AUTHORITY

**Draft Five-Year Work Plan
FY 2016 - FY 2020**

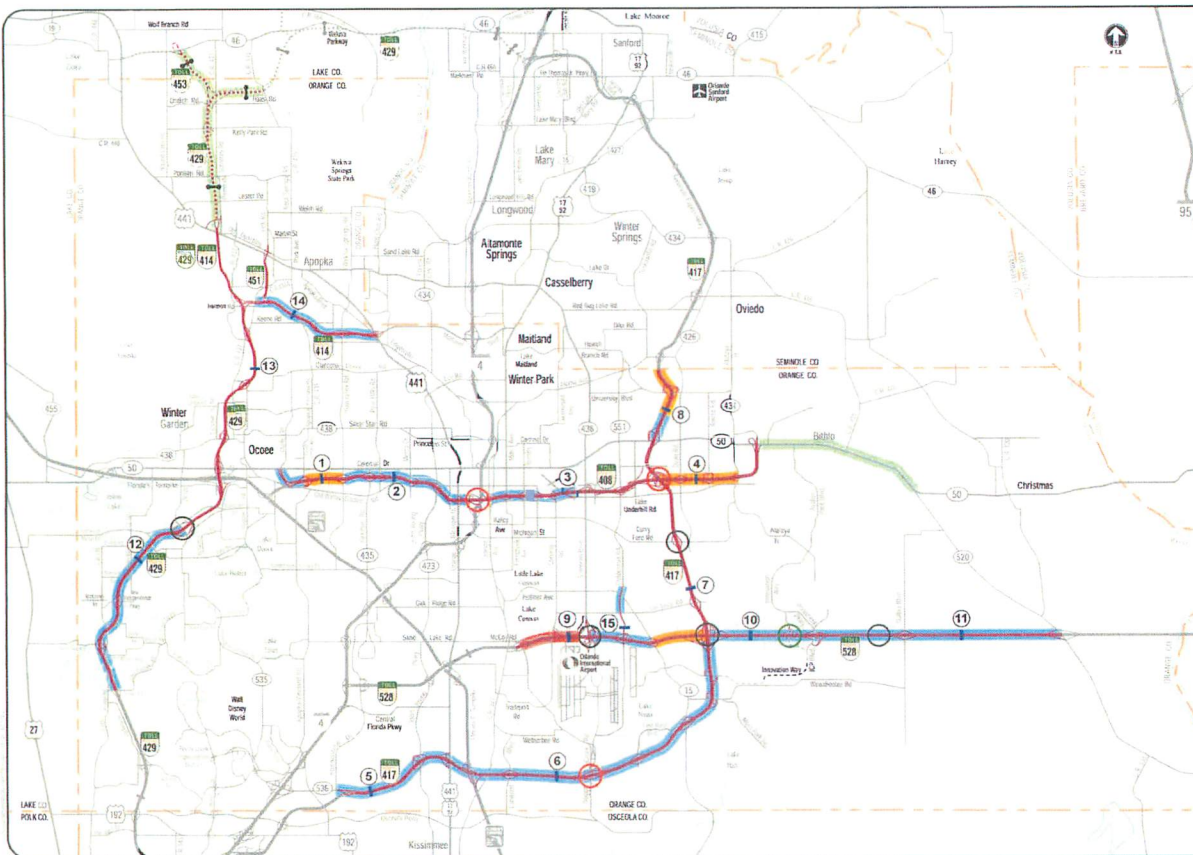
CENTRAL FLORIDA EXPRESSWAY AUTHORITY
4974 ORL Tower Road
Orlando, Florida 32807

June 11, 2015

Five-Year Work Plan FY 2016 - FY 2020

- LEGEND:**
- EXISTING CFX SYSTEM
 - FUTURE CFX SEGMENTS
 - EXISTING EXPRESSWAYS OR FREEWAYS BY OTHERS
 - FUTURE EXPRESSWAY SEGMENTS OR IMPROVEMENTS BY OTHERS
 - SYSTEM EXPANSION PROJECTS
 - MILL AND RESURFACE
 - CAPACITY IMPROVEMENTS
 - TOLL PLAZA DEMOLITION & OTHER IMPROVEMENTS
 - EXISTING SYSTEM IMPROVEMENTS
 - INTERCHANGE IMPROVEMENTS
 - PROPOSED INTERCHANGE

- EXISTING CFX MAINLINE TOLL PLAZA**
- | | |
|---------------|---------------------------|
| 1 HIWASSEE | 9 AIRPORT |
| 2 PINE HILLS | 10 BEACHLINE |
| 3 CONWAY | 11 DALLAS |
| 4 DEAN | 12 INDEPENDENCE |
| 5 JOHN YOUNG | 13 FOREST LAKE |
| 6 BOGGY CREEK | 14 CORAL HILLS |
| 7 CURRY FORD | 15 GOLDENROD (NON-SYSTEM) |
| 8 UNIVERSITY | |
- PROPOSED WEKIVA GANTRIES



CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Major Projects Map

Exhibit

Central Florida Expressway Authority
Five-Year Work Plan
Category Summary

Category	Project Cost (thousand \$)							
	Fiscal Year							Total
	15/16		16/17		17/18	18/19	19/20	
	E	U	E	U	U	U	U	
Existing System Improvements	5,314	23,463	10	63,047	18,867	3,217	6,897	120,816
System Expansion Projects	75,030	115,775	51,010	155,014	60,380	1,479	0	458,688
Interchange Projects	11,762	28,046	1,060	62,838	106,401	113,613	99,836	423,556
Toll Facilities Projects	41,430	0	12,687	0	23,905	16,117	1,639	95,778
Intelligent Transportation Systems Projects	180	4,747	0	3,078	3,646	2,657	555	14,863
Signing and Pavement Markings	125	150	0	4,462	150	150	150	5,187
Renewal and Replacement Projects	10,451	47,328	0	66,849	34,185	6,164	46,687	211,664
Landscape Projects	0	1,000	0	1,000	1,000	1,000	1,000	5,000
SUB TOTALS	144,293	220,508	64,767	356,288	248,534	144,397	156,764	
TOTALS	364,801		421,055		248,534	144,397	156,764	1,335,552
Non-System Project (Goldenrod Road)	0	0	0	0	964	0	0	964
GRAND TOTALS	364,801		421,055		249,498	144,397	156,764	1,336,516
THIRD PARTY CONTRIBUTIONS **	30,250		0		0	0	0	30,250
GRAND TOTALS WITH CONTRIBUTIONS	334,551		421,055		249,498	144,397	156,764	1,306,266

* 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 contribution 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

Central Florida Expressway Authority
Five-Year Work Plan
Existing System Improvements Summary

Project Number	Project Name	Project Description				Project Cost (thousands \$) by Fiscal Year *										Fund Source	Project Phases Funded
		From	To	Length (miles)	Work Description	15/16		16/17		17/18		18/19		19/20			
						E	U	E	U	E	U	E	U	E	U		
408-127	SR 408 Widening from Good Homes to East of Hiwassee	Good Homes Road	East of Hiwassee Road	-	Add Lanes, Mill and Resurface	1,301	0	0	13,296	0	0	0	0	0	CF	Design & Construction	
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	0	0	CF	Design & Construction	
-	SR 417 Widening from Ecom to County Line	Fossilneckhatchee Trail	County Line	2.3	Add Lanes, Mill and Resurface	0	562	0	844	0	0	0	0	0	CF	Design	
-	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	0	0	CF	Design & Construction	
528-130	SR 528 / SR 436 Bridge Deck Replacement	-	-	-	Bridge Deck Replacement	0	6,580	0	13,998	0	0	0	0	0	CF	Design & Construction	
528-131	SR 528 Ecom River Bridge	-	-	-	Bridge Replacement & Widening	0	4,623	0	11,032	0	0	0	0	0	CF	Design & Construction	
-	Systemwide Safety and Operational Improvement Projects	-	-	-	Minor Roadway Projects	0	609	0	300	300	300	300	300	300	CF	Design & Construction	
-	Systemwide Guardrail Upgrade	-	-	-	Guardrail Improvements	0	150	0	150	150	150	150	150	150	CF	Design & Construction	
-	Systemwide Drainage Improvements	-	-	-	Drainage Improvements	0	150	0	150	150	150	150	150	150	CF	Design & Construction	
-	Systemwide Roadway Lighting	-	-	-	Lighting Rehabilitation	0	150	0	150	150	150	150	150	150	CF	Design & Construction	
408-419	SR 408 Landscape Improvements	SR 436	Chickasaw Trail	2.0	Landscaping	159	0	0	0	0	0	0	0	0	CF	Post Installation Maintenance	
408-113A	SR 408 / SR 50 Interchange Landscape Improvements	-	-	-	Landscaping	40	0	10	0	0	0	0	0	0	CF	Post Installation Maintenance	
599-126	SR 417 / SR 538 Ramp Improvements	-	-	-	Ramp Improvements	0	5,238	0	2,065	0	0	0	0	0	CF	ROW & Construction	
429-654C	SR 429 / CR 535 Southbound Off Ramp Improvements	-	-	-	Off Ramp Improvements	0	1,404	0	0	0	0	0	0	0	CF	Construction	
-	SR 429 / CR 535 Northbound On Ramp Improvements	-	-	-	On Ramp Improvements	0	1,758	0	2,763	0	0	0	0	0	CF	Design & Construction	
-	SR 417 / Curry Ford Road Southbound On Ramp Improvements	-	-	-	On Ramp Improvements	0	707	0	597	0	0	0	0	0	CF	Design & Construction	
599-132	Backup Data Center	-	-	-	Backup Data Center	0	1,401	0	464	0	0	0	0	0	CF	Design-Build	
-	2040 CFX Master Plan	-	-	-	Master Plan Study	270	130	0	0	0	0	0	0	0	CF	Master Plan Study	
Encumbered Total						5,314			10								
Unencumbered Total						23,463			63,047	18,867	3,217	6,897					
TOTALS						28,777			63,057	18,867	3,217	6,897					

* 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

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

Project Number	Project Name	Project Description				Project Cost (thousands \$) by Fiscal Year *										Fund Source	Project Phases Funded
		From	To	Length (miles)	Work Description	15/16		16/17		17/18	18/19	19/20					
						E	U	E	U	U	U	U					
-	SR 528 Right of Way Corridor (FRI / SLR)	-	-	-	Right of Way	0	12,000	0	0	0	0	0	0	CF	Right of Way		
-	SR 528 Additional Parcels	-	-	-	Right of Way	0	16,000	0	0	0	0	0	0	CF	Right of Way		
429-200E	SR 451 / SR 441 Landscape	-	-	-	Landscaping	28	0	0	0	0	0	0	0	CF	Post Installation Maintenance		
429-200F	SR 429 / SR 414 Interchange Landscape	-	-	-	Landscaping	1,398	0	20	0	5	0	0	0	CF	Installation & Maintenance		
-	SR 429 / SR 414 Interchange Landscape Phase II	-	-	-	Landscaping	0	1,934	0	21	21	0	0	0	CF	Design, Installation & Maintenance		
408-254	SR 408 Easton Extension	Challenger Parkway	SR 520	7.3	New Expressway	1,612	0	403	0	1,587	0	0	0	CF	PD&E & 15% Line & Grade		
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	0	CF	Construction		
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	0	42143	Construction		
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	0	CF	Design & Construction		
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	0	CF	Design & Construction		
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	0	CF	Design & Construction		
-	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	0	CF	Right of Way		
-	Wekiva Parkway Gantries	-	-	-	New Expressway	0	0	0	152	3,757	0	0	0	CF	Design & Construction		
Encumbered Total						75,030		51,010									
Unencumbered Total							115,775		155,014	60,380	1,479		0				
TOTALS						190,805		206,024		60,380	1,479	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.
E = Encumbered costs from projects under contracts from previous fiscal year
U = Unencumbered costs

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

Project Number	Project Name	Project Description				Project Cost (thousands \$) by Fiscal Year *						Fund Source	Project Phases Funded		
		From	To	Length (miles)	Work Description	15/16		16/17		17/18	18/19			19/20	
						E	U	E	U	U	U			U	
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	0	CF	Bidding & Construction	
253F	SR 408/SR 417 Interchange (Phase II)	-	-	-	Add Ramps, Mill and Resurface	0	0	0	105	18,892	37,553	18,776	CF	Final Design & Construction	
429-305	SR 429 / Schofield Road Interchange	-	-	-	Landscaping	0	416	0	21	15	0	0	CF	Design, Installation & Maintenance	
417-301C	SR 417 / Boggy Creek Road Interchange (Phase III)	-	-	-	Modify Interchange & Landscaping	10,532	885	0	21	15	0	0	CF	Construction & Landscape	
528-313	SR 528 / Innovation Way Interchange	Innovation Way	Aerospace Parkway	-	New Interchange	170	10,157	0	40,587	11,419	0	0	CF	Design-Build	
-	SR 408 at I-4 Ultimate	-	-	-	Interchange Reconstruction	1,060	0	1,060	0	76,060	76,060	81,060	CF	Contribution & Corridor Consultant	
Encumbered Total						11,762	1,060								
Unencumbered Total						28,046		62,838		106,401		113,613		99,836	
TOTALS						39,808		63,898		106,401		113,613		99,836	

* 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

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

Project Number	Project Name	Project Description				Project Cost (thousands \$) by Fiscal Year *							Fund Source	Project Phases Funded
		From	To	Length (miles)	Work Description	15/16		16/17		17/18	18/19	19/20		
						E	U	E	U	U	U	U		
528-405	SR 528 Airport Toll Plaza Demolition	Boggy Creek Road	SR 436	2.1	Demolish Existing Mainline Toll Plaza	27,688	0	129	0	0	0	0	CF	Construction
599-902	Toll Collection System Upgrade	-	-	-	System Upgrade	13,742	0	12,558	0	23,905	16,117	1,639	CF	Design Development & Implementation
Encumbered Total						41,430		12,687						
Unencumbered Total							0		0	23,905	16,117	1,639		
TOTALS						41,430		12,687		23,905	16,117	1,639		

* 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

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

Project Number	Project Name	Project Description				Project Cost (thousands \$) by Fiscal Year *							Fund Source	Project Phases Funded
		From	To	Length (miles)	Work Description	15/16		16/17		17/18	18/19	19/20		
						E	U	E	U	U	U	U		
408-509	Fiber Optic Network (FON) Utility Adjustments	-	-	-	Utility Adjustments	0	50	0	50	50	50	50	CF	Utility Adjustments
-	Regional ITS Studies	-	-	-	Regional ITS Partnership Projects	0	100	0	100	100	0	0	CF	Partnership Contributions
-	ITS Network Upgrade Phase II	-	-	-	Re-splice Network Physical Architecture	0	2,561	0	0	0	0	0	CF	Design & Construction
-	Wekiva Parkway CCTV Deployment Sections 1A & 1B	-	-	-	CCTV Cameras	0	0	0	155	796	708	0	CF	Design & Construction
-	Wekiva Parkway CCTV Deployment Sections 2A, 2B & 2C	-	-	-	CCTV Cameras	0	0	0	0	332	1,526	505	CF	Design & Construction
-	Advanced Expressway Operations Performance Measures	-	-	-	Enhancements to ITS Data Analysis Systems	0	1,309	0	0	0	0	0	CF	Implementation
-	Supplemental DCS and CCTV Deployment	-	-	-	Deploy DCS and CCTV Cameras	0	118	0	1,788	1,660	0	0	CF	Design & Construction
-	Wrong-Way Driving Countermeasures	-	-	-	Wrong-Way Driving Countermeasures at	180	109	0	985	708	323	0	CF	Design & Construction
-	Connected Vehicle Pilot Concept	-	-	-	Connected Vehicle Pilot Concept	0	0	0	0	0	50	0	CF	Concept
-	Headquarters Security Cameras	-	-	-	Security Cameras	0	500	0	0	0	0	0	CF	Design & Construction
Encumbered Total						180		0						
Unencumbered Total							4,747		3,078	3,646	2,657	555		
TOTALS						4,927		3,078		3,646	2,657	555		

* 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

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

Project Number	Project Name	Project Description				Project Cost (thousands \$) by Fiscal Year *										Fund Source	Project Phases Funded
		From	To	Length (miles)	Work Description	15/16		16/17		17/18	18/19	19/20					
						E	U	E	U	U	U	U					
-	Systemwide Miscellaneous Signing & Markings	-	-	-	Signing and Pavement Markings	0	150	0	150	150	150	150	CF	Design & Construction			
-	E-PASS Logo Replacement	-	-	-	Signing	0	0	0	2,467	0	0	0	CF	Design & Construction			
599-620	Systemwide Ramp Striping and Option Lane Arrows	-	-	-	Signing and Striping	125	0	0	0	0	0	0	CF	Construction			
-	Central Florida Expressway Authority Logo Replacement	-	-	-	Signing	0	0	0	1,845	0	0	0	CF	Design & Construction			
Encumbered Total						125	0										
Unencumbered Total							150		4,462	150	150	150					
TOTALS						275	4,462		150	150	150						

* 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

Central Florida Expressway Authority
Five-Year Work Plan
Renewal and Replacement Projects Summary

Project Number	Project Name	Project Description					Project Cost (thousands \$) by Fiscal Year *								Fund Source	Project Phase Funded	
		From	To	Length (miles)	Work Description	15/16		16/17		17/18		18/19		19/20			
						E	U	E	U	E	U	E	U				
413-731A	SR 417 Resurfacing	SR 50	Orange / Seminole County Line	3.5	M/I & Resurface	7,399	0	0	0	0	0	0	0	0	RR	Construction	
415-733	SR 417 Resurfacing	I Drive	Mass Park	6.8	M/I & Resurface	0	23,368	0	7,919	0	0	0	0	0	RR	Construction	
-	SR 105 Resurfacing	West SR 10	I-4	8.1	M/I & Resurface	0	1,222	0	19,120	0	0	0	0	0	RR	Design & Construction	
-	SR 429 Resurfacing	Soldier Road	CR 151	9.1	M/I & Resurface	0	6,436	0	7,649	0	0	0	0	0	RR	Design & Construction	
-	SR 528 Resurfacing	SR 416	Goldenrod Road	1.4	M/I & Resurface	0	4,341	0	0	0	0	0	0	0	RR	Design & Construction	
-	SR 725 Resurfacing	Unknown Road	SR 520 (East) / SR 417 (Interchange Way (South)	21.7	M/I & Resurface	0	1,235	0	11,216	25,361	0	0	0	0	RR	Design & Construction	
-	SR 455 Resurfacing	East of I-4	Yustan Drive	4.2	M/I & Resurface	0	0	0	0	0	0	1,990	17,054	0	RR	Design & Construction	
-	SR 414 Resurfacing	SR 429	US 441	1.7	M/I & Resurface	0	0	0	0	0	0	1,310	30,830	0	RR	Design & Construction	
-	SR 417 Resurfacing	Mass Park	Innovation Way	1.9	M/I & Resurface	0	0	0	0	0	0	231	3,457	0	RR	Design & Construction	
-	Interchange Resurfacing Projects	-	-	-	M/I & Resurface	0	200	0	200	200	200	200	200	0	RR	Design & Construction	
-	Interchange Drainage and Stormwater Projects	-	-	-	Drainage and Stormwater	0	200	0	200	200	200	200	200	0	RR	Design & Construction	
-	Systemwide Toll Plaza Projects	-	-	-	Toll Plaza Projects	0	100	0	100	100	100	100	100	0	RR	Design & Construction	
-	Systemwide Customer Relationship and Upgrade	-	-	-	Customer Relationship	0	1,256	0	773	782	0	1,034	0	0	RR	Design & Construction	
-	Systemwide Air Conditioner Replacement and Upgrade	-	-	-	A/C Replacement	0	200	345	0	793	88	0	110	0	RR	Design & Construction	
-	Systemwide Roof Replacement	-	-	-	Roof Replacement	0	760	0	240	210	140	240	0	0	RR	Design & Construction	
-	Systemwide OPP Replacement	-	-	-	OPP Replacement	0	0	0	114	110	0	0	0	0	RR	Installation	
-	Systemwide Bridge Projects	-	-	-	Major Structural Projects	0	345	0	0	343	0	743	0	0	RR	Design & Construction	
-	Systemwide Closures	-	-	-	Fencing & Inspections	0	2,000	0	2,000	2,000	0	0	0	0	RR	Design & Construction	
-	Systemwide Fence Projects	-	-	-	Fencing Replacement	0	250	0	0	250	0	250	0	0	RR	Construction	
-	Systemwide Bridge Joint & Approach Sub-Projects	-	-	-	Concrete Pavement Projects	0	100	0	0	100	0	100	0	0	RR	Design & Construction	
-	Systemwide Reflective Pavement Markers & Signs Upgrading	-	-	-	RPM Replacement & Signs	0	140	0	134	180	210	112	0	0	RR	Design & Construction	
399-416	Trucklane Upgrade Phase II	-	-	-	Signing Upgrade	1,840	0	0	0	0	0	0	0	0	RR	Construction	
-	Systemwide Trucklane Upgrades	-	-	-	Signing Upgrade	0	620	0	1,160	1,160	1,460	890	0	0	RR	Design & Construction	
396-729	SR 417 / 417 / 429 South Signing Improvements	-	-	-	Signing Improvements	781	0	0	0	0	0	0	0	0	RR	Construction	
-	Systemwide Signing Improvement Projects	-	-	-	Signing Improvements	140	570	0	1,250	1,660	622	1,688	0	0	RR	Design & Construction	
-	Systemwide A/C Improvements	-	-	-	A/C Improvements	130	0	0	0	0	0	0	0	0	RR	Construction	
-	Installation of Field Units	-	-	-	Construction	0	165	0	825	0	0	0	0	0	RR	Design & Implementation	
399-423	Single Line DNS Upgrade	-	-	-	Upgrade DNS	490	0	0	4,143	0	0	0	0	0	RR	Design & Construction	
-	Traffic Management CCTV Upgrade	-	-	-	Upgrade to IP Traffic Management Cameras	0	151	0	151	150	163	163	0	0	RR	Implementation	
-	Systemwide Time View Upgrade	-	-	-	Upgrade Time View System	0	132	0	2,686	1,305	0	0	0	0	RR	Design & Construction	
Encumbered Total						10,841	0		0		0		0		0		
Unencumbered Total						41,329	0		66,849		14,385		6,164		46,687		
TOTALS						57,779	66,849		34,185		6,164		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 units from projects under contracts from previous fiscal years
U = Unencumbered units

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

Project Number	Project Name	Project Description				Project Cost (thousands \$) by Fiscal Year *							Fund Source	Project Phases Funded
		From	To	Length (miles)	Work Description	15/16		16/17		17/18	18/19	19/20		
						E	U	E	U	U	U	U		
-	Systemwide Discretionary Landscape Projects	-	-	-	Landscaping	0	1,000	0	1,000	1,000	1,000	1,000	CF	Design & Construction
Encumbered Total						0		0						
Unencumbered Total							1,000		1,000	1,000	1,000	1,000		
TOTALS						1,000		1,000		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

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

Project Number	Project Name	Project Description				Project Cost (thousands \$) by Fiscal Year *						Fund Source	Project Phases Funded	
		From	To	Length (miles)	Work Description	15/16		16/17		17/18	18/19			19/20
						E	U	E	U	U	U			U
800-903D	Goldenrod Road Resurfacing	Lee Vista	Narconosees Road	0.9	Mill & Resurface	0	0	0	0	964	0	0	NSP	Construction
Encumbered Total						0		0						
Unencumbered Total							0		0	964	0	0		
TOTALS						0		0		964	0	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.
E = Encumbered costs from projects under contracts from previous fiscal year
U = Unencumbered costs