

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

AGENDA
CENTRAL FLORIDA EXPRESSWAY AUTHORITY
AUDIT COMMITTEE MEETING
October 30, 2019
10:30 AM

Meeting location: Central Florida Expressway Authority
4974 ORL Tower Road
Orlando, FL 32807

A. CALL TO ORDER

- B. PUBLIC COMMENT** – Pursuant to Florida Statute 286.0114 the Audit Committee will allow public comment on any matter either identified on this meeting agenda as requiring action, or anticipated to come before the Committee for action in reasonable proximity to this meeting. Speakers shall be limited to three minutes per person and the assignment of one person's time to another or designation of group spokesperson shall be allowed at the discretion of the Committee Chairman.

C. APPROVAL OF THE JUNE 20, 2019 MINUTES – (Action Item)

D. EXTERNAL AUDIT MATTERS – Moore, Stephens, Lovelace

1. Review and Acceptance of Audit of Fiscal 2019 Financial Statements and Required Communications – (Action Item)

E. INTERNAL AUDIT MATTERS - Protiviti

1. Status Update: Fiscal 2020 Internal Audit Plan – (Info Item)
2. Review and Acceptance of Internal Audit Reports – (Action Items)
 - a. Fiscal 2019 IT Project Management Review
 - b. Fiscal 2019 Tolling System Replacement – LENS Access Control Review
 - c. Fiscal 2020 Prior Audit Recommendations: Semi-Annual Follow-Up
3. Upcoming Internal Audits – (Info Item)
 - a. Fiscal 2020 Procurement and Contract Audit Selections

F. OTHER BUSINESS

1. Legal Update: Adoption of Public Comment Procedures – (Action Item)

G. ADJOURNMENT

This meeting is open to the public.

Note: Any person who decides to appeal any decision made at this meeting will need record of the proceedings and for that purpose, may need to ensure that a verbatim record of the proceedings is made which includes the testimony any evidence upon which the appeal is to be based, per Florida Statute 286.0105.

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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 x5316 or by email at Iranetta.dennis@CFXway.com at least three business days prior to the event.

C.

**Approval of
Minutes**

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

DRAFT MINUTES

CENTRAL FLORIDA EXPRESSWAY AUTHORITY AUDIT COMMITTEE MEETING June 20, 2019

Location: Central Florida Expressway Authority
4974 ORL Tower Road
Orlando, FL 32807
Pelican Conference Room 107

Committee Members Present:

Megan Zee, Citizen Representative, Chairman
Kaye Dover, Osceola County Representative
Kristy Mullane, Lake County Representative
Timothy Jecks, Seminole County Representative

Participating by Phone:

Brian Battles, City of Orlando Representative
Teresa Mallary, Protiviti

Committee Members Not Present:

Randy Singh, Orange County Representative

Also Present:

Laura Kelley, Executive Director
Lisa Lumbard, Chief Financial Officer
Jim Greer, Chief Technology and Operating Officer
Linda Lanosa, Deputy General Counsel
Michael Carlisle, Director of Accounting and Finance
Aneth Williams, Director of Procurement
Ruth Valentin, Recording Secretary/Administrative Coordinator
Jeff Tecau, Protiviti
David Taylor, Protiviti

A. CALL TO ORDER

The meeting was called to order at approximately 1:01 p.m. by Chairman Megan Zee.

B. PUBLIC COMMENT

There was no public comment.

C. APPROVAL OF MINUTES

A motion was made by Ms. Mullane and seconded by Ms. Dover to approve the April 29, 2019 minutes as presented. The motion carried unanimously with five (4) members present voting AYE by voice vote; one (1) member, Mr. Battles voting AYE by phone; Mr. Singh was not present.

D. INTERNAL AUDIT MATTERS

1. Status Update: Fiscal 2019 Internal Audit Plan

Jeff Tecau of Protiviti presented a status update on the Fiscal Year 2019 Internal Audit Plan.

(This item was presented for information only. No formal committee action was taken.)

2. Review and Acceptance of Fiscal Year 2019 Internal Audit Reports

a. Toll Revenue Audit

Mr. Tecau summarized the Toll Review Audit and introduced Teresa Mallary of Protiviti to present the audit.

Ms. Mallary of Protiviti presented the Toll Revenue Audit for review and acceptance.

A motion was made by Ms. Mullane and seconded by Ms. Dover to approve the Toll Revenue Audit as presented. The motion carried unanimously with five (4) members present voting AYE by voice vote; one (1) member, Mr. Battles voting AYE by phone; Mr. Singh was not present.

b. Accounting and Finance Controls Review

Ms. Mallary presented the Accounting and Finance Controls Review for review and acceptance.

A motion was made by Ms. Dover and seconded by Mr. Jecks to approve the Accounting and Finance Controls Review as presented. The motion carried

unanimously with five (4) members present voting AYE by voice vote; one (1) member, Mr. Battles voting AYE by phone; Mr. Singh was not present.

c. Ransomware Review

David Taylor of Protiviti presented the Ransomware Review for review and acceptance.

A motion was made by Ms. Dover and seconded by Ms. Mullane to approve the Ransomware Review as presented. The motion carried unanimously with five (4) members present voting AYE by voice vote; one (1) member, Mr. Battles voting AYE by phone; Mr. Singh was not present.

3. Review and Acceptance of the Fiscal 2020 Internal Audit Plan

Mr. Tecau presented the Fiscal 2020 Internal Audit Plan for review and acceptance.

Brian Battles left the meeting at this time 2:31 p.m.

A motion was made by Ms. Dover and seconded by Ms. Mullane to approve the Fiscal 2020 Audit Plan as presented. The motion carried unanimously with five (4) members present voting AYE by voice vote; Mr. Singh and Mr. Battles were not present.

4. Annual Confirmation of No Disagreements with Management

Mr. Tecau informed the Audit Committee that Protiviti had no disagreements with management for fiscal year 2019.

5. Annual Discussion Regarding Internal Audit Performance and Effectiveness

Discussion was had regarding the Internal Audit Performance and Effectiveness. The committee stated that they appreciate how Protiviti stays within their budget, keeps track of the charter, makes audits thorough and clear, and the time spent prior to meetings. Management stated that they are happy with the consistency in Protiviti's work, the experience they provide CFX, and the handling of confidential information.

E. ANNUAL DISCUSSION REGARDING AUDIT COMMITTEE AND INDIVIDUAL MEMBER PERFORMANCE

Discussion was had regarding the Audit Committee and individual member performance.

F. AUDIT COMMITTEE CHARTER UPDATES

The Audit Committee Charter was brought before the committee with the previously discussed changes. Linda Lanosa, Deputy General Counsel suggested additional changes to the charter; adding in live streaming and alternate means. These changes will be added and brought to the Board for approval at the August Board meeting.

G. CONFIRMATION OF COMPLETION OF RESPONSIBILITIES IN THE AUDIT COMMITTEE CHARTER

Mr. Tecau informed the committee that all responsibilities have been completed for fiscal year 2019.

H. OTHER BUSINESS

Lisa Lumbard, Chief Financial Officer reminded the committee that completion of the CFX Potential Conflict Disclosure Forms are due by July 1, 2019.

I. ADJOURNMENT

Chairman Zee adjourned the meeting at approximately 3:02 p.m.

Minutes approved on _____, 2019.

Pursuant to the Florida Public Records Law and CFX Records Management Policy, audio tapes of all Board and applicable Committee meetings are maintained and available upon request to the Records Management Liaison Officer at publicrecords@CFXway.com or 4974 ORL Tower Road, Orlando, FL 32807.

D.1

Review and Acceptance of Audit of Fiscal 2019 Financial Statements and Required Communications



Moore Stephens Lovelace
CPAs & ADVISORS

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

**REQUIRED AUDITOR COMMUNICATIONS
FISCAL YEAR ENDED JUNE 30, 2019**

Presented by:
Joel A. Knopp, CPA
Shareholder





Moore Stephens Lovelace
CPAs & ADVISORS

AUDIT OVERVIEW



Services and Deliverables

- Engaged to audit CFX's financial statements for the year ended June 30, 2019.
- Issue an opinion as to whether or not CFX's financial statements are presented fairly, in all material respects, in conformity with GAAP (Pages 1-2)

Other Reports

- **Report on Internal Control Over Financial Reporting and on Compliance and Other Matters (Pages 58-59)**
- **Report on Compliance with Bond Covenants (Page 60)**
- **Examination Report on Investment Compliance (Page 61)**
- **Management Letter (Pages 62-63)**

Single Audit Report

- **Report on Compliance for Each Major Federal Program and on Internal Control Over Compliance and Report on Schedule of Expenditures of Federal Awards**

Management Responsibilities

Management Responsibilities included:

- Establishing and maintaining internal controls, as well as monitoring internal controls
- Selecting and applying appropriate accounting and reporting principles
- Making all financial records and related information available to us
- Disclosing any related parties
- Adjusting the financial statements for material misstatement
- Designing and implementing programs to prevent and detect fraud
- Informing us of any known or suspected fraud or illegal acts or allegations of same without regard to materiality

Auditor Responsibilities

Auditor Responsibilities included:

- Performing our audit in accordance with generally accepted auditing standards and the standards applicable to financial audits contained in *Government Auditing Standards* and the Rules of the Auditor General.

These standards are designed to provide reasonable, but not absolute, assurance that the financial statements are free of material misstatement.

Internal Controls

- **We considered CFX's internal controls over financial reporting as a basis for designing our audit procedures.**
- **We did not express an opinion on the effectiveness of CFX's internal controls.**
- **We performed specific tests of controls over federal grants.**

Compliance

- **We performed tests of the CFX's compliance with laws, regulations, contracts, bond covenants, and grant agreements, as applicable.**
- **For single audit purposes, we also performed tests of transactions for the types of compliance requirements that could have a direct and material effect on the major federal grant.**



Communication of Significant Matters

There were no audit adjustments made during the course of the audit.

There were no unreported or unadjusted differences.

We had no disagreements with management.

As far as we know, management did not receive opinions from other accountants.



Risk-Based Audit Approach

A Risk-Based Audit Approach requires the use of our professional judgment in determining materiality and audit areas of significance.

Our procedures included:

- **Testing transactions on a sample basis**
- **Verifying account balances we deemed significant**
- **Analysis of relevant controls**
- **Inquiry**
- **Analytics**
- **Other procedures we deemed necessary**



Management Representations

We will obtain certain representations from management, including:

- **Records provided complete**
- **No known communications from regulatory agencies concerning noncompliance**
- **Responsible for internal controls**
- **No undisclosed knowledge of fraud or suspected fraud**
- **Financial statements complete**
- **Responsible for compliance**
- **Complied with contractual obligations**



Assigned Individuals

CFX identified Lisa Lumbard, CFO, as the management-level individual to oversee our work and take responsibility for CFX's financial statements.

Our Team was made up of:

- **Governmental Specialists**
- **IT Specialists**



Audit Schedule

Audit Stage	Dates
Interim fieldwork	June 2019
Year-end fieldwork	Aug. 2019 – Sept. 2019
Review of Financial Statements	Oct. 2019
Presentation to the Audit Committee	October 30, 2019
Presentation to the Board	November 14, 2019
Submission of CAFR to GFOA	December 2019

New Accounting Standards

For 2019, CFX implemented the following GASB standard:

- ***GASB 89, Accounting for Interest Cost Incurred Before the End of a Construction Period – Refer to Note 4***





Moore Stephens Lovelace
CPAs & ADVISORS

FINANCIAL HIGHLIGHTS



Financial Highlights - Overview

(in thousands)

	Year Ended 6/30/19
Total Assets and Deferred Outflows	\$ 5,872,000
Total Liabilities and Deferred Inflows	\$ 3,415,000
Net Position	\$ 2,457,000
Operating Revenue	\$ 476,000
Operating Expenses	\$ 136,000
Operating Income	\$ 340,000
Change in Net Position	\$ 247,000
% Increase in Operating Revenue	5.3%
% Decrease in Operating Expense	(0.01%)

Financial Highlights – Balance Sheets

(in thousands)

	2019	2018
Unrestricted Assets	\$ 312,000	\$ 254,000
Restricted Assets	372,000	189,000
Capital Assets	4,832,000	4,547,000
Deferred Outflows of Resources	<u>356,000</u>	<u>330,000</u>
Total Assets and Deferred Outflows	<u>\$ 5,872,000</u>	<u>\$ 5,320,000</u>
Revenue Bonds Outstanding	2,802,000	2,822,000
Other Liabilities	607,000	282,000
Deferred Inflows of Resources	<u>6,000</u>	<u>6,000</u>
Total Liabilities and Deferred Inflows	3,415,000	3,110,000
Total Net Position	<u>2,457,000</u>	<u>2,210,000</u>
Total Liabilities, Deferred Inflows, and Net Position	<u>\$ 5,872,000</u>	<u>\$ 5,320,000</u>

Financial Highlights – Operation Overview

(in thousands)

	2019	2018
Operating Revenues	\$ 476,000	\$ 452,000
Investment and Other Income	<u>30,000</u>	<u>4,000</u>
Total Revenues	<u>506,000</u>	<u>456,000</u>
Operating Expenses	136,000	137,000
Interest Expense	122,000	106,000
Other Expense	<u>1,000</u>	<u>-</u>
Total Expenses	<u>259,000</u>	<u>243,000</u>
Change in Net Position	247,000	213,000
Net Position, Beginning of Year	<u>2,210,000</u>	<u>1,997,000</u>
Net Position, End of Year	<u>\$ 2,457,000</u>	<u>\$ 2,210,000</u>
Debt Service Ratio	2.33	2.32

Questions or Comments



"DRAFT FOR DISCUSSION PURPOSES ONLY"

**CENTRAL FLORIDA
EXPRESSWAY AUTHORITY**

**Financial Statements and
Supplementary Information**

For Years Ended June 30, 2019 and 2018

"DRAFT FOR DISCUSSION PURPOSES ONLY"
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

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INDEPENDENT AUDITOR'S REPORT

To the Members of the
Central Florida Expressway Authority
Orlando, Florida

Report on the Financial Statements

We have audited the accompanying financial statements of the Central Florida Expressway Authority (CFX) as of and for the years ended June 30, 2019 and 2018, and the related notes to the financial statements, which collectively comprise CFX's basic financial statements, as listed in the table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States. Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free of material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the financial statements referred to in the first paragraph present fairly, in all material respects, the financial position of CFX as of June 30, 2019 and 2018, and the changes in its financial position and its cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

To the Members of the
Central Florida Expressway Authority

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis, trend data on infrastructure condition information, and pension schedules, as listed in the table of contents, be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audits of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Supplementary Information

Our audits were conducted for the purpose of forming an opinion on the financial statements that collectively comprise CFX's basic financial statements. The calculation of composite debt service ratio, as listed in the table of contents, is presented for purposes of additional analysis and is not a required part of the financial statements. This information is the responsibility of management and was derived from, and relates directly to, the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audits, of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the information is fairly stated, in all material respects, in relation to the financial statements as a whole.

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated [DATE], on our consideration of CFX's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements, and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering CFX's internal control over financial reporting and compliance.

MOORE STEPHENS LOVELACE, P.A.
Certified Public Accountants

Orlando, Florida
[DATE]

MANAGEMENT'S DISCUSSION AND ANALYSIS

As financial management of the Central Florida Expressway Authority (CFX), we offer readers of these financial statements this narrative overview and analysis of the financial activities of CFX for the fiscal years ended June 30, 2019 and 2018. This discussion and analysis is designed to assist the reader in focusing on the significant financial issues and activities and to identify any significant changes in financial position. We encourage readers to consider the information presented here in conjunction with the financial statements as a whole.

Financial Highlights

Operating income for CFX was \$340,026,000 (an increase of 8%) and \$315,272,000 (a decrease of 3%) for fiscal years 2019 and 2018, respectively. The increase in operating income in fiscal year 2019 is primarily due to higher toll traffic. The decrease in operating income in fiscal year 2018 is due to increases in operating and preservation expenses.

Net income produced an increase in net position of \$247,242,000 and \$212,683,000 for fiscal years 2019 and 2018, respectively. The term "net position" refers to the difference of assets and deferred outflows less liabilities and deferred inflows. At the close of fiscal year 2019, CFX had a net position of \$2,456,899,000, an increase of 11% over fiscal year 2018. At the close of fiscal year 2018, CFX had a net position of \$2,209,657,000, an increase of 11% over fiscal year 2017. CFX's overall financial position has improved, as shown by the increase in net position.

Overview of the Financial Statements

This discussion and analysis is intended to serve as an introduction to CFX's financial statements, which is comprised of the basic financial statements and the notes to the financial statements, and supplementary information presented. Since CFX is comprised of a single enterprise fund, fund level financial statements are not shown.

Basic financial statements - The basic financial statements are designed to provide readers with a broad overview of CFX's finances, in a manner similar to a private-sector business.

The balance sheets present information on all of CFX's assets and deferred outflows and liabilities and deferred inflows, with the difference between them reported as net position. Over time, increases or decreases in net position may serve as a useful indicator of whether the financial condition of CFX is improving or deteriorating. Net position increases when revenues exceed expenses. Increases to assets without a corresponding increase to liabilities results in increased net position, which indicates an improved financial condition.

The statements of revenues, expenses and changes in net position present information showing how a government's net position changed during the fiscal year. All changes in net position are reported as soon as the underlying event occurs, regardless of timing of related cash flows. Thus revenues and expenses are reported in these statements for some items that will only result in cash flows in future fiscal periods (e.g., earned but unused vacation leave).

Notes to the financial statements - The notes provide additional information that is essential to a full understanding of the data provided in the basic financial statements.

Other information - In addition to the basic financial statements and accompanying notes, this report also presents certain *supplementary information* concerning CFX's composite debt service ratio, as defined by the bond resolutions, as well as trend data on infrastructure condition and pension schedules.

Financial Analysis

Net position may serve, over time, as a useful indicator of a government's financial position. In the case of CFX, assets and deferred outflows exceeded liabilities and deferred inflows by \$2,456,899,000 at the close of the most recent fiscal year. This represents an increase of \$247,242,000 (11%) over the previous year, which is attributable to operations. Unrestricted net position increased from \$308,241,000 at June 30, 2018 to \$534,296,000 at June 30, 2019, an increase of \$226,055,000 (73%). This increase was also due to operations and funding CFX's capital plan with bond construction funds.

On September 17, 2018 CFX received a federal loan in the amount of \$193,695,000 through the Transportation Infrastructure Finance and Innovation Act (TIFIA) program. These proceeds were used to pay off the 2015 BAN debt in full. This TIFIA loan is a non-current due to governmental agencies liability and will be paid off over 30 years.

By far, the largest portion of CFX's net position reflects its investment in capital assets (e.g., right-of-way, roads, bridges, buildings, toll equipment, etc.), less any related debt used to acquire those assets that is still outstanding. CFX uses these capital assets to provide service and, consequently, these assets are not available for liquidating liabilities or for other spending.

Of the \$4,831,730,000 in capital assets, net of accumulated depreciation, \$40,148,000 represents the roadway, toll plaza and equipment on the Goldenrod Road Extension. This project, which opened to traffic in March 2003, was jointly funded by CFX, the Greater Orlando Aviation Authority, the City of Orlando, Orange County, Florida, and private developers, with CFX serving as the lead agency on the project. The Goldenrod Road Extension extends from the previous terminus of Goldenrod Road at Narcoossee Road south to Cargo Road. This facility intersects SR 528 (Martin B. Andersen Beachline Expressway), east of the Orlando International Airport, at a system interchange. Each partner contributing to this project will be repaid through toll revenues generated by this road. After all operational expenses are met and the partners are reimbursed for their contributions, the toll plaza will be demolished and the roadway will be transferred to the City of Orlando. CFX will retain ownership of the interchange to SR 528 and certain portions of the right-of-way.

Also included in total capital assets is \$82,559,000 representing roadway, toll plazas and equipment for the Poinciana Parkway in Osceola County. Effective December 31st, 2018, control of the Poinciana Parkway was transferred from the Osceola County Expressway Authority to CFX. Poinciana Parkway is a 7.2-mile roadway stretching from the Polk-Osceola County line to the Cypress Parkway (CR 580).

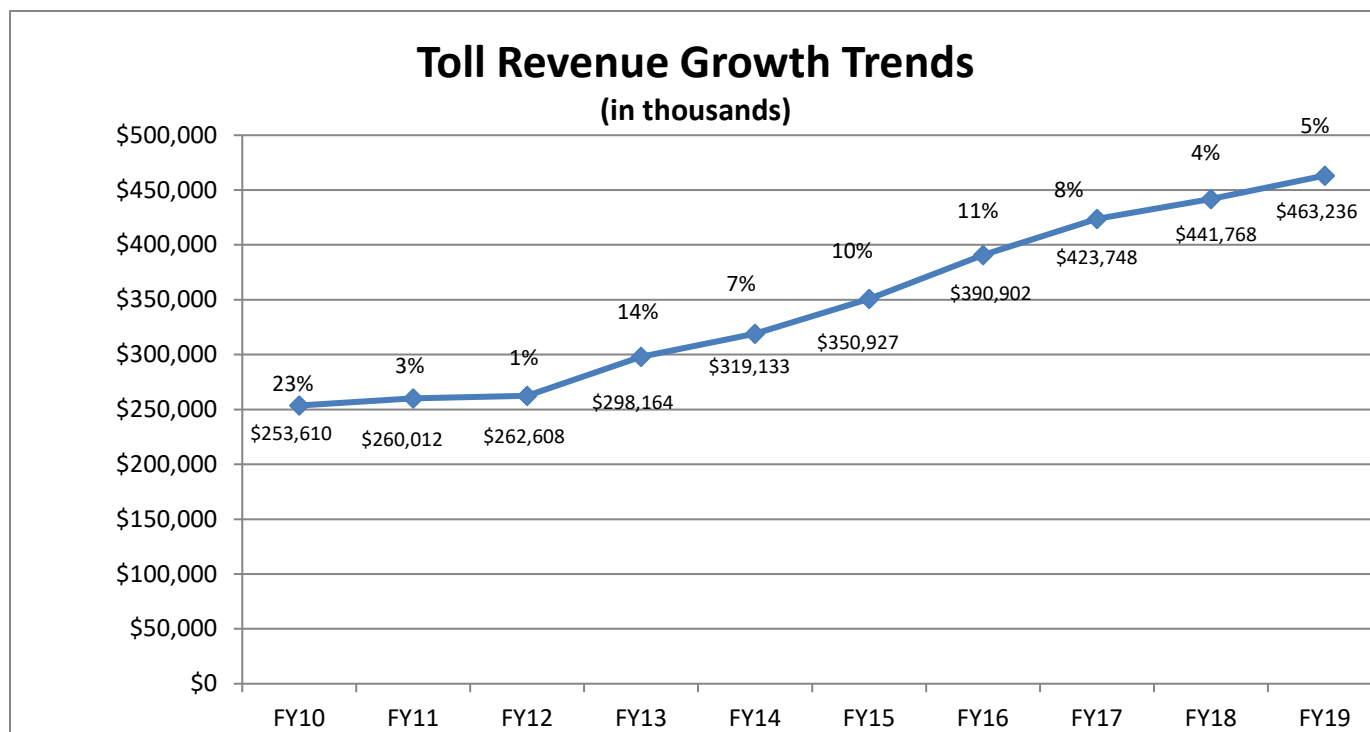
Since these projects are non-system projects, they are accounted for on individual lines in the statements of revenues, expenses and changes in net position, in the non-operating revenues (expenses) section. The toll revenues on these non-system projects are not pledged to CFX's bond indebtedness.

Central Florida Expressway Authority's Net Position

	June 30,		
	2019	2018	2017
	(in thousands)		
Current and other assets	\$ 447,334	\$ 361,336	\$ 490,400
Non-current restricted assets	236,992	81,362	100,678
Capital assets	4,831,730	4,546,615	4,236,701
Total assets	5,516,056	4,989,313	4,827,779
Deferred outflows of resources	356,066	330,640	354,354
Total assets and deferred outflows	5,872,122	5,319,953	5,182,133
Current liabilities:			
Payable from unrestricted assets	58,415	278,013	77,564
Payable from restricted assets	134,743	107,610	110,550
Revenue bonds outstanding (net of current portion)	2,738,514	2,569,820	2,808,115
Other long-term liabilities	477,510	148,944	183,097
Total liabilities	3,409,182	3,104,387	3,179,326
Deferred inflows of resources	6,041	5,909	5,833
Total liabilities and deferred inflows	3,415,223	3,110,296	3,185,159
Net position:			
Net investment in capital assets	1,883,497	1,881,712	1,509,862
Restricted	39,106	19,704	29,211
Unrestricted	534,296	308,241	457,901
Total net position	\$ 2,456,899	\$ 2,209,657	\$ 1,996,974

CFX's toll revenues increased 5% and 4% during the fiscal years ended June 30, 2019 and 2018, respectively.

Toll revenue represents approximately 97% of all operating revenues. CFX's toll revenue annual growth rate has averaged 9% over the last 10 years. The higher increases in fiscal years 2010 and 2013 are the result of toll rate increases.



Central Florida Expressway Authority's Changes in Net Position

	2019	2018	2017
	(in thousands)		
Revenues:			
Toll revenues	\$ 463,236	\$ 441,768	\$ 423,748
Transponder sales	648	297	236
Other operating revenue	12,313	10,370	9,959
Investment income	14,082	2,847	3,760
Goldenrod Road Extension - net	1,518	546	1,530
Poinciana Parkway - net	1,862	-	-
Other non-operating revenue	374	318	331
Capital Contribution	12,294	-	16,377
Total revenues	<u>506,327</u>	<u>456,146</u>	<u>455,941</u>
Expenses:			
Operations	62,123	53,373	46,371
Maintenance	17,753	17,606	15,118
Administrative	8,447	7,743	7,090
Depreciation	14,194	13,438	13,765
Preservation	21,586	33,837	22,447
Other	12,068	11,166	4,592
Interest expense	121,608	105,865	108,513
Loss on capital assets	1,306	435	2,447
Total expenses	<u>259,085</u>	<u>243,463</u>	<u>220,343</u>
Change in net position	247,242	212,683	235,598
Net position, beginning of year	<u>2,209,657</u>	<u>1,996,974</u>	<u>1,761,376</u>
Net position, end of year	<u>\$ 2,456,899</u>	<u>\$ 2,209,657</u>	<u>\$ 1,996,974</u>

CFX's Operations, Maintenance and Administration ("OM&A") expenses for fiscal year 2019 increased 12.2% from fiscal year 2018 and ended the year 3.9% under budget. CFX came in under budget due primarily to the following reasons: 1) There were several roadway maintenance programs that came in under budget; 2) multiple departments had positions that were budgeted for but not filled; 3) due to a variety of reasons such as lower bank fees and less staff required, the operation of the plazas came in under budget.

Transponder sales increased by 218% between fiscal years 2018 and 2019 due to a significant focus on branding and marketing E-PASS.

Investment income increased by almost 500% between fiscal years 2018 and 2019 due to an increase in available cash, a rise in corresponding investments and more favorable interest rates.

Other operating revenue consists of various fees that are collected, such as statement fees, Pay by Plate fees and fees received for collecting revenue on behalf of other entities. Other operating revenue increased by 4% between fiscal years 2017 and 2018 and by another 19% between fiscal years 2018 and 2019. In fiscal year 2016, CFX replaced its unpaid toll notice program, with a Pay by Plate initiative, assessing a new fee schedule on every transaction not paid in the lane. This new fee schedule is beneficial to the customer and has resulted in a reduction of fees per transaction. CFX saw significant growth in customers choosing to post pay transactions, which is why FY 2019 saw an unusual increase.

Capital Contributions increased from \$0 in fiscal year 2018 to \$12,294,000 in fiscal year 2019. This is because we recognized the net position of the Poinciana Parkway as contributed capital when CFX took over the operations and maintenance of the road during the year.

Preservation expense includes such items as resurfacing and restriping. The budgeted amounts are based on projected requirements to keep the roadway in good condition and, therefore, the expenses related to preservation can vary significantly from year to year. Preservation expense increased 51% in fiscal year 2018 and then decreased 36% in fiscal year 2019. Fiscal year 2018 saw a record high in preservation expense, fiscal year 2019 saw that expense return to historical levels.

Other expenses are expenses that were not part of our OM&A budget, but also were not capitalized. These expenses are expected to fluctuate from year to year depending upon the amount spent on non-capitalized projects. Other expenses increased 143% between fiscal years 2017 and 2018 and then increased by 8% between fiscal year 2018 and 2019. These increases are due to program support and a rise in new pilot programs and feasibility studies that are not eligible to be capitalized.

There were losses in capital assets in fiscal year 2018 and 2019 as anticipated. There have been various bridges, signs and toll plaza lanes removed and/or demolished to make way for road widening, extension and interchange projects over the past few fiscal years. Also contributing to the loss in capital assets were losses on the sale of various surplus property. The largest contributing factor to the fiscal year 2019 loss is writing off software that had become obsolete.

Capital Asset and Debt Administration

Capital Assets - CFX's investment in capital assets amounted to \$4,831,730,000 net of accumulated depreciation as of June 30, 2019, an increase of \$285,116,000 (6%) over that of June 30, 2018. CFX's investment in capital assets amounts to \$4,546,614,000 net of accumulated depreciation as of June 30, 2018, an increase of \$309,913,000 (7%) over that of June 30, 2017. Capital assets include right-of-way, roads, bridges, buildings, equipment and furniture. A schedule of the change in CFX's capital assets is in Note 4 of the financial statements.

Major capital asset events during fiscal year 2019 included the following:

- Widening of SR 417 from Econlockhatchee trail to the Seminole County line has begun.
- Ramp improvements on SR 417, SR 429 and SR 528 were completed.
- Major lighting and LED upgrades were completed at the SR 417/SR 528 interchange.

Modified Approach for Infrastructure Assets - CFX has elected to use the modified approach for infrastructure reporting. This means that, in lieu of reporting depreciation on infrastructure, CFX reports as preservation expense the costs associated with maintaining the existing roadway in good condition. CFX's policy is to maintain the roadway condition at a Maintenance Rating Program rating of 80 or better. The Florida Department of Transportation ("FDOT") annually inspects CFX's roadways and has determined in fiscal year 2019 that all its roadways exceed this standard. Pursuant to its bond covenants, CFX maintains a renewal and replacement fund for these preservation expenditures. For fiscal year 2018, projected expenses for preservation were \$31,850,000 with \$33,837,000 being spent. For fiscal year 2019, projected expenses for preservation were \$44,000,000 with \$21,586,000 being spent. The expenses were lower than projected in fiscal year 2019 due to slower than anticipated start dates on several projects.

Long-term Debt - CFX has outstanding bonds payable of \$2,801,539,000 (net of unamortized bond premiums and discounts) as of June 30, 2019.

During fiscal year 2019, CFX issued \$221,045,000 of fixed rate revenue refunding bonds (Series 2018) for the purpose of financing projects approved in the five-year work plan.

The annual requirements to amortize all revenue bonds and revenue refunding bonds outstanding as of June 30, 2019, along with more detailed information on long-term debt activity, can be found in Note 5, Long-Term Debt, which begins on page 32 of the financial statements. Of the approximately \$2.8 billion in outstanding bonds, \$495,775,000 are variable rate bonds, which have corresponding interest rate exchange agreements designed to effectively swap the variable rates to fixed rates. The synthetic interest rate applicable to the variable rate bonds are 4.7753% for the 2008B Bonds.

To determine the fair market value of its interest rate exchange agreements, CFX's swap advisor has performed a calculation based upon expected forward LIBOR swap rates and discounted cash flows. On a current market-to-market basis, in the event of a termination, using a termination date of June 30, 2019, CFX would have to make an estimated termination payment of approximately \$177,483,541 on the swaps related to the Series 2008B Bonds.

	June 30, 2019	June 30, 2018
Series 2008B	<u>\$ 177,483,541</u>	<u>\$ 135,832,422</u>

CFX's debt service ratio changed to 2.33 for fiscal year 2019 from 2.32 for fiscal year 2018 and 2.26 in fiscal year 2017. These increases in fiscal year 2019 and fiscal year 2018 are due to growth in toll revenue.

CFX has a Lease-Purchase Agreement (LPA) with the FDOT whereby the FDOT is required to reimburse CFX for the maintenance and operation costs associated with certain portions of the roadways and toll plazas on CFX's System. During fiscal years 2012 and 2013, FDOT did not reimburse CFX for the operations portion of their obligation because the Governor of Florida exercised his line-item veto authority to remove that line from the state's budget. During fiscal year 2013, CFX and FDOT amended the LPA under which the FDOT agreed to uphold its obligation for operations and maintenance costs provided CFX agrees to repay those funds to the FDOT within 60 days. CFX plans to repay those funds in accordance with its Master Bond Resolution, which permits such payments provided CFX is able to fund its OM&A budget, debt service requirements, required reserve deposits, and renewal and replacement fund requirements. The FDOT reimbursement is taken into consideration when calculating CFX's debt service ratio.

CFX's bond ratings as of June 30, 2019 are as follows:

	<u>Ratings</u>
Standard & Poor's	A+
Moody's	A1
Fitch	A+

Requests for Information

This financial report is designed to provide a general overview of CFX's finances for all those with an interest in its finances. Questions concerning any of the information provided in this report or requests for additional financial information should be addressed to the Chief Financial Officer, Central Florida Expressway Authority, 4974 ORL Tower Road, Orlando, FL 32807.

BASIC FINANCIAL STATEMENTS

"DRAFT FOR DISCUSSION PURPOSES ONLY"

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Balance Sheets

Assets and Deferred Outflows of Resources	June 30,	
	2019	2018
	(in thousands)	
Current assets:		
Cash and cash equivalents	\$ 86,603	\$ 59,076
Investments	190,127	155,023
Accrued interest and accounts receivable	15,248	8,526
Prepaid expenses	3,551	3,009
Due from governmental agencies	12,937	22,862
Inventory	1,262	2,109
Total current unrestricted assets	309,728	250,605
Restricted assets:		
Current restricted assets:		
Cash and cash equivalents	134,743	44,740
Investments	-	62,870
Total current restricted assets	134,743	107,610
Total current assets	444,471	358,215
Noncurrent assets:		
Restricted assets:		
Cash and cash equivalents	12,264	-
Investments	223,994	80,276
Accrued interest receivable and prepaid expenses	734	1,086
Total noncurrent restricted assets	236,992	81,362
Prepaid bond insurance	2,863	3,121
Total noncurrent assets before capital assets	239,855	84,483
Capital assets not being depreciated:		
Infrastructure	4,285,190	4,173,404
Construction in progress	412,981	231,576
Capital assets - net of accumulated depreciation:		
Property and equipment	133,559	141,635
Total capital assets - net of accumulated depreciation	4,831,730	4,546,615
Total noncurrent assets	5,071,585	4,631,098
Total assets	5,516,056	4,989,313
Deferred outflow of resources	356,066	330,640
Total assets and deferred outflows of resources	\$ 5,872,122	\$ 5,319,953

"DRAFT FOR DISCUSSION PURPOSES ONLY"

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Balance Sheets (continued)

	June 30,	
	2019	2018
	(in thousands)	
Liabilities, Deferred Inflows of Resources, and Net Position		
Current liabilities payable from unrestricted assets:		
Accounts payable and accrued liabilities	\$ 18,264	\$ 47,284
Unearned toll revenue	17,547	12,459
Unearned other revenue	15,428	15,661
Current portion of bond anticipation note	-	193,695
Current portion of lease payable	705	-
Current portion of due to governmental agencies	6,471	8,914
Total current liabilities payable from unrestricted assets	58,415	278,013
Current liabilities payable from restricted assets:		
Accounts payable and accrued liabilities	22,491	2,761
Interest payable	49,227	45,929
Current portion of revenue bonds payable	63,025	58,920
Total current liabilities payable from restricted assets	134,743	107,610
Total current liabilities	193,158	385,623
Noncurrent liabilities:		
Derivative financial instrument	177,484	135,832
Revenue bonds payable - less current portion	2,738,514	2,569,820
Loan/lease payable - less current portion	91,259	-
Due to governmental agencies - less current portion	200,455	5,133
Net pension liability	8,312	7,979
Total noncurrent liabilities	3,216,024	2,718,764
Total liabilities	3,409,182	3,104,387
Deferred inflow of resources	6,041	5,909
Total liabilities and deferred inflows of resources	3,415,223	3,110,296
Net position:		
Net investment in capital assets	1,883,497	1,881,712
Restricted for:		
Operation, maintenance and administrative reserve	11,795	10,709
Renewal and replacement reserve	27,311	8,995
Total restricted net position	39,106	19,704
Unrestricted	534,296	308,241
Total net position	2,456,899	2,209,657
Total liabilities, deferred inflows of resources, and net position	\$ 5,872,122	\$ 5,319,953

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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
Statements of Revenues, Expenses and Changes in Net Position

	June 30,	
	2019	2018
	(in thousands)	
Operating revenues:		
Toll revenues	\$ 463,236	\$ 441,768
Transponder sales	648	297
Fees and other	12,313	10,370
Total operating revenues	476,197	452,435
Operating expenses:		
Operations	62,123	53,373
Maintenance	17,753	17,606
Administrative	8,447	7,743
Depreciation	14,194	13,438
Preservation	21,586	33,837
Other expenses	12,068	11,166
Total operating expenses	136,171	137,163
Operating income	340,026	315,272
Nonoperating revenues (expenses):		
Investment income	14,082	2,847
Loss on capital assets	(1,306)	(435)
Other nonoperating	374	318
Goldenrod Road Extension - net	1,518	546
Poinciana Parkway - net	1,862	-
Interest expense	(121,608)	(105,865)
Total nonoperating revenues (expenses)	(105,078)	(102,589)
Income before contributions	234,948	212,683
Capital contribution	12,294	-
Change in net position	247,242	212,683
Net position at beginning of year	2,209,657	1,996,974
Net position at end of year	\$ 2,456,899	\$ 2,209,657

"DRAFT FOR DISCUSSION PURPOSES ONLY"

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Statements of Cash Flows

	June 30,	
	2019	2018
	(in thousands)	
Operating activities:		
Receipts from customers and users	\$ 478,534	\$ 446,117
Payments to suppliers	(134,613)	(117,334)
Payments to employees	(5,935)	(5,480)
Net cash provided by operating activities	337,986	323,303
Capital and related financing activities:		
Acquisition and construction of capital assets	(198,410)	(313,479)
Proceeds from capital contributions	21,699	-
Proceeds from issuance of refunding revenue bonds	221,045	341,210
Proceeds from issuance of TIFIA loan	193,695	-
Interest paid on revenue bonds	(91,461)	(106,776)
Payment of principal on revenue bonds	(252,615)	(408,355)
Payment of principal and interest on State Infrastructure Bank Loan	-	(1,071)
Payment of principal on government advances	(261)	(259)
Net cash used in capital and related financing activities	(106,308)	(488,730)
Investing activities:		
Purchase of investments	(448,604)	(149,218)
Proceeds from sales and maturities of investments	332,652	184,954
Interest received	14,068	2,192
Net cash provided by investing activities	(101,884)	37,928
Net increase (decrease) in cash and cash equivalents	129,794	(127,499)
Cash and cash equivalents at beginning of year	103,816	231,315
Cash and cash equivalents at end of year	\$ 233,610	\$ 103,816
Cash and cash equivalents - unrestricted	\$ 86,603	\$ 59,076
Restricted cash and cash equivalents - current	134,743	44,740
Restricted cash and cash equivalents - noncurrent	12,264	-
	\$ 233,610	\$ 103,816

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CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Statements of Cash Flows (continued)

	June 30,	
	2019	2018
	(in thousands)	
Reconciliation of operating income to net cash provided by operating activities:		
Income from operations	\$ 340,026	\$ 315,272
Adjustments to reconcile operating income to net cash provided by operating activities:		
Depreciation	14,194	13,438
Goldenrod Road Extension and other miscellaneous	3,838	1,170
Changes in assets and liabilities:		
Accounts receivable	(6,357)	(1,911)
Due from governmental agencies	9,925	(14,294)
Prepaid expenses	(542)	484
Inventory	847	539
Deferred outflows - pension-related	79	(672)
Accounts payable and accrued liabilities	(29,020)	9,503
Due to governmental agencies	(555)	3,897
Unearned toll revenue	5,088	(4,924)
Unearned other revenue	(233)	(654)
Net pension liability	333	1,149
Deferred inflows - pension-related	363	306
Net cash provided by operating activities	\$ 337,986	\$ 323,303
Noncash investing, capital, and financing activities:		
Increase (decrease) in fair value of investments	\$ 5,369	\$ (1,667)
Increase (decrease) in fair value of derivative financial instrument	\$ (41,652)	\$ 35,041
Contribution of Osceola County Expressway capital assets	\$ 82,559	\$ -
Assignment of Osceola County Expressway long-term liabilities	\$ (91,964)	\$ -

"DRAFT FOR DISCUSSION PURPOSES ONLY"

**CENTRAL FLORIDA EXPRESSWAY AUTHORITY
NOTES TO FINANCIAL STATEMENTS
Years Ended June 30, 2019 and 2018**

Note 1 - Organization and Summary of Significant Accounting Policies

Reporting Entity - The Central Florida Expressway Authority (CFX) is an agency of the state, created by the Florida Legislature. On June 20, 2014, the Governor of Florida signed the bill to create CFX, which assumed the governance and control of the former Orlando-Orange County Expressway Authority, including its assets, personnel, contracts, obligations, liabilities, facilities and tangible and intangible property. CFX is an independent, locally controlled transportation authority responsible for the construction, maintenance and operation of toll roads in Seminole, Lake, Osceola and Orange Counties, and may also acquire, construct and equip rapid transit, trams and fixed guideways within the rights-of-way of the expressway system. The governing board of CFX is made up of ten members, consisting of: (a) one member each appointed by the respective chairs of the county commissions of Brevard, Lake, Osceola and Seminole Counties; (b) one member of the Orange County Commission appointed by the mayor of Orange County; (c) three citizens appointed by the Governor; (d) the Mayor of Orange County; and (d) the Mayor of the City of Orlando. The Florida Turnpike Enterprise Executive Director serves as a non-voting advisor. CFX is authorized to issue revenue bonds to finance portions of the System and to execute the refunding of existing revenue bonds.

For financial reporting purposes, CFX is a stand-alone entity; there are no component units included in the accompanying financial statements, and CFX is not considered a component unit of another entity.

Basis of Accounting - CFX prepares its financial statements on the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America for proprietary funds, which are similar to those for private business enterprises. Accordingly, revenues are recorded when earned and expenses are recorded when incurred.

The assets, deferred outflows, liabilities, deferred inflows, and net position of CFX are reported in a self-balancing set of accounts, which include restricted and unrestricted resources, representing funds available for support of CFX's operations.

Operating Revenues and Expenses - CFX's operating revenues and expenses consist of revenues earned and expenses incurred relating to the operation and maintenance of its System. The Goldenrod Road Extension, which is a project outside the normal course of operations, and all other revenues and expenses are reported as nonoperating revenues and expenses.

Lease-Purchase Agreement - Under the requirements of the Lease-Purchase Agreement between CFX and the FDOT, dated December 23, 1985, as amended and supplemented, CFX is reimbursed by the FDOT for the maintenance costs of SR 528, portions of SR 408, improvements to the Airport Interchange at SR 528 and State Road 436 (Semoran Boulevard), and the cost of operations of the Conway and Pine Hills Plazas. However, the reimbursements received are recorded as advances from the FDOT and are included in due to governmental agencies, since they are to be repaid to the FDOT from future toll revenues after the requirements for retirement of bonds and all other obligations have been met.

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**CENTRAL FLORIDA EXPRESSWAY AUTHORITY
NOTES TO FINANCIAL STATEMENTS
Years Ended June 30, 2019 and 2018**

Note 1 - Organization and Summary of Significant Accounting Policies (*Continued*)

While CFX's position has been that the FDOT's obligations under the Lease-Purchase Agreement were not subject to appropriation, the Governor vetoed the operations component of the reimbursement for fiscal year 2013. CFX entered into a Memorandum of Agreement with FDOT on February 14, 2013 where it was agreed that commencing in fiscal year 2014 the operations and maintenance payments made by the FDOT will be refunded to the FDOT within sixty days of payment.

Cash and Cash Equivalents - For purposes of the statements of cash flows, demand deposit accounts with commercial banks, and cash invested in commercial money market funds (including restricted assets) are considered cash equivalents. For investments that are held separately from the pools, those which are highly liquid (including restricted assets), with an original maturity of 90 days or less when purchased or so near their maturity that they present insignificant risk of changes in value because of changes in interest rates, are considered to be cash equivalents.

Investments - Investments consist of unrestricted and restricted investments, and are carried at fair value, as determined in an active market.

Accounts Receivable - The accrued interest and accounts receivable primarily consists of amounts billed to individuals via one or more Pay by Plate invoices for tolls not paid at the point of System use. This item also includes interest earned but not paid by the end of the fiscal year, or amounts due from individuals or other entities for prepaid items or for services provided. This amount is recorded at the net realizable value; therefore, a provision for doubtful accounts has been made for the estimated amount of uncollectible Pay by Plate invoices based on historical information.

Inventory - Inventory, which consists of E-PASS system transponders that will be distributed to customers, is carried at the lower-of-cost or market and is valued using the specific-identification method.

Restricted Assets - Restricted assets of CFX represent bond proceeds designated for construction, and other monies required to be restricted for debt service, operations, maintenance, administration, renewal and replacement.

Deferred Outflows / Inflows of Resources - In addition to assets, CFX reports a separate section for deferred outflows of resources on its balance sheets. Deferred outflows of resources represent a consumption of net position that applies to future periods and will not be recognized as an outflow of resources (expense) until then. CFX has three items that qualify for reporting as deferred outflows of resources.

Accumulated Decrease in Fair Value of Hedging Derivatives - As described in Note 5, CFX has entered into interest rate swap agreements that qualify as effective cash flow hedges in connection with variable rate bonds. The fair value of the swaps is presented on the balance sheets as a deferred outflow of resources and a derivative financial instrument liability in the amount of \$177,484,000 and \$135,832,000 at June 30, 2019 and 2018, respectively, with changes in valuation applied to these balance sheet accounts. Should the swaps be terminated prior to their expected conclusion, or if the hedges cease to significantly reduce risk, accumulated gains or losses will be reported on the operating statement.

"DRAFT FOR DISCUSSION PURPOSES ONLY"

**CENTRAL FLORIDA EXPRESSWAY AUTHORITY
NOTES TO FINANCIAL STATEMENTS
Years Ended June 30, 2019 and 2018**

Note 1 - Organization and Summary of Significant Accounting Policies (*Continued*)

Deferred Outflows / Inflows of Resources (Continued)

Deferred Outflow on Refunding of Revenue Bonds - The difference between the re-acquisition price and the net carrying amount of refunded bonds is presented on the balance sheets at June 30, 2019 and 2018 as a deferred outflow of resources in the amount of \$174,005,000 and \$190,153,000, respectively, and is amortized as an adjustment to interest expense on a straight-line basis over the life of the refunded bonds or the life of the refunding bonds, whichever is shorter.

Deferred Outflows Related to Pensions - These deferred outflows of resources are an aggregate of items related to pensions as calculated in accordance with GASB Statement No. 68, *Accounting and Financial Reporting for Pensions*. The deferred outflows related to pensions totaled \$4,577,000 and \$4,655,000 at June 30, 2019 and 2018, respectively, and will be recognized as either pension expense or a reduction in the net pension liability in future reporting years. Details on the composition of the deferred outflows of resources related to pensions are further discussed in Note 8.

In addition to liabilities, CFX reports a separate section for deferred inflows of resources on its balance sheets. Deferred inflows of resources represent an acquisition of net position that applies to future periods and will not be recognized as an inflow of resources until then. CFX has two items that qualify for reporting as deferred inflows of resources.

Deferred Inflow on Interest Rate Exchange - During the fiscal year ended June 30, 2007, CFX entered into six mandatory, cash-settled interest rate exchange agreements, the purpose of which was to lock in the interest rate associated with the Series 2007A Bonds. The result of these agreements was an \$8,078,000 net payment to CFX on June 28, 2007, which is presented on the balance sheets at June 30, 2019 and 2018 as a deferred inflow of resources in the amount of \$5,308,000 and \$5,539,000, respectively, and is amortized as an adjustment to interest expense over the life of the bonds.

Deferred Inflows Related to Pensions - These deferred inflows of resources are an aggregate of items related to pensions as calculated in accordance with GASB Statement No. 68, *Accounting and Financial Reporting for Pensions*. The deferred inflows related to pensions at June 30, 2019 and 2018 totaled \$733,000 and \$370,000, respectively, and will be recognized as a reduction to pension expense in future reporting years. Details on the composition of the deferred outflows of resources related to pensions are further discussed in Note 8.

Capital Assets

Cost Basis - Capital assets are recorded at historical cost with the exception of donated capital assets, which are reported at acquisition value. The cost of property and equipment includes costs for infrastructure assets (right-of-way, highways and bridges substructure, and highways and bridges), toll equipment, buildings, toll facilities, other related costs (including software) and furniture and equipment. Highways and bridges substructure includes road sub-base, grading, land clearing, embankments and other related costs. Costs for infrastructure assets include construction costs, design and engineering fees, administrative and general expenses paid from construction monies, and bond interest expense incurred during the period of construction.

"DRAFT FOR DISCUSSION PURPOSES ONLY"

**CENTRAL FLORIDA EXPRESSWAY AUTHORITY
NOTES TO FINANCIAL STATEMENTS
Years Ended June 30, 2019 and 2018**

Note 1 - Organization and Summary of Significant Accounting Policies (*Continued*)

Capital Assets (Continued)

Capitalization Policy - Costs to acquire additional capital assets, and to replace existing assets or otherwise prolong their useful lives, are capitalized for toll equipment, buildings, toll facilities, other related costs, and furniture and equipment. Under CFX's policy of accounting for infrastructure assets pursuant to the "modified approach," property costs represent a historical accumulation of costs expended to acquire rights-of-way and to construct, improve and place in operation the various projects and related facilities. It is CFX's policy to capitalize amounts equal to or in excess of \$5,000.

Depreciation Policy - Depreciation of toll equipment, buildings, toll facilities, other related costs, signs, software, and furniture and equipment is computed using the straight-line method over the estimated useful lives of the assets as follows:

Software	3 years
Furniture and equipment	7 years
Toll equipment	8 years
Signs	20 years
Buildings, toll facilities and other	30 years

Under the modified approach, infrastructure assets are considered to be "indefinite lived" assets; that is, the assets themselves will last indefinitely and are, therefore, not depreciated. Costs related to maintenance, renewal and replacement for these assets are not capitalized, but instead are considered to be period costs and are included in preservation expense.

Construction in Progress - Construction in progress represents costs incurred by CFX for in-process activities designed to expand, replace or extend useful lives of existing property and equipment.

Capitalized Interest - Interest costs on funds used to finance the construction of capital assets are capitalized based upon the blended cost of debt and depreciated over the life of the related assets in accordance with the above policies.

Retainage Payable - Retainage payable represents amounts billed to CFX by contractors for which payment is not due pursuant to retained percentage provisions in construction contracts until substantial completion of performance by contractor and acceptance by CFX.

Compensated Absences - Accumulated vacation pay, vested sick pay, and other compensation payable to employees is recorded and included in accounts payable and accrued liabilities. The balance of compensated absences had a net increase of \$75,000 from June 30, 2018 to June 30, 2019.

"DRAFT FOR DISCUSSION PURPOSES ONLY"

**CENTRAL FLORIDA EXPRESSWAY AUTHORITY
NOTES TO FINANCIAL STATEMENTS
Years Ended June 30, 2019 and 2018**

Note 1 - Organization and Summary of Significant Accounting Policies (*Continued*)

Bond Premium, Discount, and Prepaid Bond Insurance Costs - Bond premium, discount, and prepaid bond insurance costs associated with the issuance of bonds are amortized on a straight-line basis over the life of the bonds, which approximates the effective interest method. Bond premiums and discounts are presented as an addition and a reduction, respectively, of the face amount of revenue bonds payable whereas prepaid bond insurance costs are recorded as assets.

Restricted Net Position - Restricted net position is comprised of amounts reserved for operations, maintenance, administrative expenses and renewals and replacements in accordance with bond covenants.

Pensions - In the balance sheets, net pension liability represents CFX's proportionate share of the net pension liability of the cost-sharing pension plans in which it participates. This proportionate amount represents a share of the present value of projected benefit payments to be provided through the cost-sharing pension plan to current active and inactive employees that is attributed to those employees' past periods of service (total pension liability), less the amount of the cost-sharing pension plan's fiduciary net position.

CFX participates in both the Florida Retirement System (FRS) defined benefit pension plan and the Retiree Health Insurance Subsidy Program (HIS) defined benefit pension plan administered by the Florida Division of Retirement (collectively, FRS/HIS).

For purposes of measuring CFX's net pension liability, deferred outflows of resources and deferred inflows of resources related to pensions, and pension expense, information about the fiduciary net position of FRS/HIS and additions to/deductions from FRS/HIS's fiduciary net position have been determined on the same basis as they are reported by FRS/HIS. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

Budgets and Budgetary Accounting - CFX abides by the following procedures in establishing budgetary data:

On or before February 1 of each year, CFX completes a review of its financial condition for the purpose of estimating whether the gross revenues, together with series payments, system payments and supplemental payments, if any, for the ensuing fiscal year will be sufficient to provide at least 120% of the annual debt service requirements of the bonds and that gross revenues will be sufficient to pay all other amounts required by the Master Bond Resolution, as amended and restated.

In the event that CFX determines that revenues will not be sufficient to satisfy the above payments, CFX will conduct a study to determine the toll revenue rate increase required to restore the revenue deficiency.

All schedules of toll revenues and revisions thereof are filed with the FDOT.

On or before April 1 of each year, a preliminary budget is prepared for maintenance, operations and administrative expenses for the ensuing fiscal year. The preliminary budget is reviewed by the FDOT and modified, if necessary.

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**CENTRAL FLORIDA EXPRESSWAY AUTHORITY
NOTES TO FINANCIAL STATEMENTS
Years Ended June 30, 2019 and 2018**

Note 1 - Organization and Summary of Significant Accounting Policies (*Continued*)

Budgets and Budgetary Accounting (Continued)

On or before July 1 of each year, a final budget of maintenance, operations and administrative expenses is adopted subject to approval by the FDOT.

CFX may adopt an amended or supplemental annual budget for the remainder of a fiscal year subject to approval by the FDOT.

Note 2 - Deposits and Investments

Cash and Cash Equivalents, and Investment Portfolio

Pursuant to Section 218.415, Florida Statutes, CFX has formally adopted a comprehensive investment policy most recently updated on May 14, 2015, which establishes permitted investments, asset allocation limits and issuer limits, credit rating requirements and maturity limits to protect CFX's cash and investment assets. CFX maintains a common cash and investment pool for the use of all funds. In addition, cash and investments are separately held by CFX's bond proceeds/construction, debt service, capitalized interest, and debt service reserve funds.

The following chart outlines the types of permitted investments, credit quality risk rating requirements by security type, the maximum concentration of credit risk by percentage of the total portfolio that may be invested in a single issuer and in total by security type and maturity limits prescribed to mitigate interest rate risk exposure:

"DRAFT FOR DISCUSSION PURPOSES ONLY"

**CENTRAL FLORIDA EXPRESSWAY AUTHORITY
NOTES TO FINANCIAL STATEMENTS
Years Ended June 30, 2019 and 2018**

Permitted Investments

Sector	Sector Maximum (%)	Per Issuer Maximum (%)	Minimum Ratings Requirement ¹	Maximum Maturity	Master Bond Resolution Permitted Investments
U.S. Treasury	100%	100%	N/A	5.50 Years (5.50 Years avg. life ⁴ for GNMA)	X
GNMA		40%			X
Other U.S. Government Guaranteed (e.g. AID, GTC)		10%			X
Federal Agency/GSE: FNMA, FHLMC, FHLB, FFCB*	75%	40% ³	N/A	5.50 Years	X
Federal Agency/GSE other than those above		10%			X
Supranationals where U.S. is a shareholder and voting member	25%	10%	Highest ST or Two Highest LT Rating Categories (A-1/P-1, AAA/Aaa, or equivalent)	5.50 Years	
Corporates	50% ²	5%	Highest ST or Three Highest LT Rating Categories (A-1/P-1, A-/A3 or equivalent)	5.50 Years	
Municipals	25%	5%	Highest ST or Three Highest LT Rating Categories (SP-1/MIG 1, A-/A3, or equivalent)	5.50 Years	X
Agency Mortgage-Backed Securities (MBS)	25%	40% ³	N/A	5.50 Years Avg. Life ⁴	
Asset-Backed Securities (ABS)	25%	5%	Highest ST or LT Rating (A-1+/P-1, AAA/Aaa, or equivalent)	5.50 Years Avg. Life ⁴	
Depository Accounts with Qualified Public Depositories	75%	50%	N/A	N/A	X
Non-Negotiable Collateralized Bank Deposits or Savings Accounts	50%	None, if fully collateralized	None, if fully collateralized.	2 Years	X
Commercial Paper (CP)	50% ²	5%	Highest ST Rating Category (A-1/P-1, or equivalent)	270 Days	X
Bankers' Acceptances (BAs)	10% ²	5%	Highest ST Rating Category (A-1/P-1, or equivalent)	180 Days	X
Repurchase Agreements (Repo or RP)	40%	20%	Counterparty (or if the counterparty is not rated by an NRSRO, then the counterparty's parent) must be rated in the Highest ST Rating Category (A-1/P-1, or equivalent) If the counterparty is a Federal Reserve Bank, no rating is required	1 Year	X
Money Market Funds (MMFs)	50%	25%	Highest Fund Rating by all NRSROs who rate the fund (AAAm/Aaa-mf, or equivalent)	N/A	X
Fixed-Income Mutual Funds	25%	10%	N/A	3 Years	
Intergovernmental Pools (LGIPs)	50%	25%	Highest Fund Quality and Volatility Rating Categories by all NRSROs who rate the LGIP, (AAAm/AAAf, S1, or equivalent)	N/A	
Florida Local Government Surplus Funds Trust Funds ("Florida Prime")	25%	N/A	Highest Fund Rating by all NRSROs who rate the fund (AAAm/Aaa-mf, or equivalent)	N/A	X

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**CENTRAL FLORIDA EXPRESSWAY AUTHORITY
NOTES TO FINANCIAL STATEMENTS
Years Ended June 30, 2019 and 2018**

Sector	Sector Maximum (%)	Per Issuer Maximum (%)	Minimum Ratings Requirement ¹	Maximum Maturity	Master Bond Resolution Permitted Investments
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Notes:

¹ Rating by at least one SEC-registered Nationally Recognized Statistical Rating Organization ("NRSRO"), unless otherwise noted. ST=Short-term; LT=Long-term.

² Maximum allocation to all corporate and bank credit instruments is 50% combined.

³ Maximum exposure to any one Federal agency, including the combined holdings of Agency debt and Agency MBS, is 40%.

⁴ The maturity limit for MBS and ABS is based on the expected average life at time of settlement, measured using Bloomberg or other industry standard methods.

* Federal National Mortgage Association (FNMA); Federal Home Loan Mortgage Corporation (FHLMC); Federal Home Loan Bank or its District banks (FHLB); Federal Farm Credit Bank (FFCB).

Additionally, investments in any derivative products or the use of reverse repurchase agreements are specifically prohibited, unless permitted in Section XV of CFX's Investment Policy.

Deposits

On June 30, 2019, the carrying amount of CFX's various deposits accounts was \$223,610,153. CFX's cash deposits are held by banks that qualify as public depositories under the Florida Security for Public Deposits Act, as required by Chapter 280, Florida Statutes.

Investments

Concentration of Credit Risk - The following is the percent of any issuer with whom CFX had invested more than 5% of the total portfolio as of June 30, 2019 and 2018:

Issuer	2019	2018
Federal National Mortgage Association	N/A	5.49%
U.S Treasury Notes	62.33%	48.24%

Interest Rate Risk - CFX's Investment Policy states that portfolios shall be managed in such a manner that funds are available to meet reasonably anticipated cash flow requirements in an orderly manner. To the extent possible, an attempt will be made to match investment maturities with known cash needs. Investments of current operating funds shall have maturities of no longer than 24 months. Investments of debt obligation reserves, construction funds and other non-operating funds shall have a term appropriate to the need for funds and in accordance with debt covenants. The purchase of investments for core funds with maturities longer than five and a half (5.5) years requires CFX's approval prior to purchase. However, final maximum maturity for any investment is limited to ten (10) years.

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**CENTRAL FLORIDA EXPRESSWAY AUTHORITY
NOTES TO FINANCIAL STATEMENTS
Years Ended June 30, 2019 and 2018**

Note 2 - Deposits and Investments (Continued)

CFX uses the distribution of maturities to manage interest rate risk. As of June 30, 2019, 44% of CFX's investments had a maturity of less than 6 months, 4% had a maturity of 6 to 12 months, 20% had a maturity of 1 to 2 years, 24% had a maturity of 2 to 3 years, 4% had a maturity of 3 to 4 years, and 4% had a maturity of over 4 years. As of June 30, 2018, 34% of CFX's investments had a maturity of less than 6 months, 7% had a maturity of 6 to 12 months, 29% had a maturity of 1 to 2 years, 21% had a maturity of 2 to 3 years, 3% had a maturity of 3 to 4 years, and 6% had a maturity of over 4 years.

Total distributions of maturities are as follows:

	As of June 30, 2019 (in thousands)					
	Less than 6 months	6 - 12 months	1 - 2 years	2 - 3 years	3+ years	Total
US Treasury Securities	\$ 148,391	\$ 4,236	\$ 34,249	\$ 71,238	\$ -	\$ 258,114
Federal Instruments	-	-	-	7,073	9,367	16,440
Corporate Note	2,196	12,601	45,557	15,333	3,345	79,032
Commercial Paper	28,249	-	-	-	-	28,249
Municipal Bond Note	3,260	-	-	-	-	3,260
Corp. Asset Backed Sec.	-	35	3,092	6,553	19,346	29,026
Total	\$ 182,096	\$ 16,872	\$ 82,898	\$ 100,197	\$ 32,058	\$ 414,121

	As of June 30, 2018 (in thousands)					
	Less than 6 months	6 - 12 months	1 - 2 years	2 - 3 years	3+ years	Total
US Treasury Securities	\$ 86,722	\$ -	\$ 40,645	\$ 16,466	\$ 1,141	\$ 144,974
Federal Instruments	3,484	9,083	8,614	4,216	7,211	32,608
Corporate Note	-	10,869	32,823	33,613	-	77,305
Commercial Paper	11,936	-	-	-	-	11,936
Municipal Bond Note	-	-	3,240	-	-	3,240
Corp. Asset Backed Sec.	-	355	2,029	8,393	17,329	28,106
Total	\$ 102,142	\$ 20,307	\$ 87,351	\$ 62,688	\$ 25,681	\$ 298,169

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**CENTRAL FLORIDA EXPRESSWAY AUTHORITY
NOTES TO FINANCIAL STATEMENTS
Years Ended June 30, 2019 and 2018**

Note 2 - Deposits and Investments (Continued)

Credit Risk and Fair Value Measurement - Total CFX deposits and investments are as follows:

		Fair Value Measurements Using (in thousands)	
		Quoted Prices in Active Markets for Identical Assets or Liabilities (Level 1)	Quoted Prices in Active Markets for Similar Assets or Liabilities (Level 2)
	June 30, 2019		
United States Treasury Securities	\$ 258,114	\$ 258,114	
Commercial Paper	28,249	28,249	
Federal Instrumentalities	16,440	16,440	
Money Market Mutual Funds	32,411	32,411	
Municipal Bond Note	3,260	3,260	
Corporate Note	79,032	79,032	
Corporate Asset Backed Securities	29,026	-	\$ 29,026
Total investments by fair value measure	446,532	<u>\$ 417,506</u>	<u>\$ 29,026</u>
Total deposits	<u>201,199</u>		
Total deposits and investments	647,731		
Restricted	<u>371,001</u>		
Unrestricted	<u>\$ 276,730</u>		

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**CENTRAL FLORIDA EXPRESSWAY AUTHORITY
NOTES TO FINANCIAL STATEMENTS
Years Ended June 30, 2019 and 2018**

Note 2 - Deposits and Investments (Continued)

	June 30, 2018	Fair Value Measurements Using (in thousands)	
		Quoted Prices in Active Markets for Identical Assets or Liabilities (Level 1)	Quoted Prices in Active Markets for Similar Assets or Liabilities (Level 2)
United States Treasury Securities	\$ 144,974	\$ 144,974	
Commercial Paper	11,936	11,936	
Federal Instrumentalities	32,609	32,609	
Money Market Mutual Funds	36,730	36,730	
Municipal Bond Note	3,240	3,240	
Corporate Note	77,305	77,305	
Corporate Asset Backed Securities	28,105	-	\$ 28,105
Total investments by fair value measure	334,899	\$ 306,794	\$ 28,105
Total deposits	67,086		
Total deposits and investments	401,985		
Restricted	187,886		
Unrestricted	\$ 214,099		

Securities classified in Level 1 of the fair value hierarchy are valued using prices quoted in active markets for identical assets or liabilities. Securities classified in Level 2 of the fair value hierarchy are valued using prices quoted in active markets for similar assets or liabilities.

Federal Instrumentalities, and U.S. Government Supported Corporate Debt Notes/Bonds are rated "AA+" by Standard & Poor's. The investments in Municipal Obligations are rated "AA" by Standard & Poor's. The Corporate Notes Standard & Poor's credit ratings are "AAA", "AA+", "AA", "AA-", "A+", and "A". The Commercial Paper is rated "A-1+" and "A-1" by Standard & Poor's. The Florida PRIME and Money Market Mutual Funds are rated "AAAm" by Standard & Poor's. The Florida State Board of Administration Fund B ("Fund B") is not rated for credit quality.

Custodial Credit Risk - All CFX depositories are members of the State of Florida collateral pool. The State of Florida collateral pool is a multiple, financial institution collateral pool with the ability to make additional assessments to satisfy the claims of governmental entities if any member institution fails. This ability provides protection, which is similar to depository insurance.

"DRAFT FOR DISCUSSION PURPOSES ONLY"

**CENTRAL FLORIDA EXPRESSWAY AUTHORITY
NOTES TO FINANCIAL STATEMENTS
Years Ended June 30, 2019 and 2018**

Note 2 - Deposits and Investments (Continued)

CFX's Investment Policy requires execution of a third-party custodial safekeeping agreement for all purchased securities and requires that securities be designated as an asset of CFX.

As of June 30, 2019 and 2018, all of CFX's securities were held in a bank's trust/custodial department in CFX's name.

Restricted Cash and Investments - Cash, cash equivalents and investments restricted in accordance with bond provisions and other agreements are as follows:

	June 30,	
	2019	2018
	(in thousands)	
Reserve funds:		
Operations, maintenance and administrative reserve	\$ 11,796	\$ 10,709
Poinciana Parkway	24,230	\$ -
Renewal and replacement reserve	27,311	8,995
Total reserve funds	<u>63,337</u>	<u>19,704</u>
Bond funds:		
Principal and interest accounts	166,607	153,964
Reserve accounts	75,740	14,217
Total bond funds	<u>242,347</u>	<u>168,181</u>
Construction funds:		
2018 construction funds	65,317	-
Total construction funds	<u>65,317</u>	<u>-</u>
Total restricted cash, cash equivalents and investments	371,001	187,885
Portion related to cash and cash equivalents	147,007	44,740
Portion related to investments	<u>\$ 223,994</u>	<u>\$ 143,145</u>

"DRAFT FOR DISCUSSION PURPOSES ONLY"

**CENTRAL FLORIDA EXPRESSWAY AUTHORITY
NOTES TO FINANCIAL STATEMENTS
Years Ended June 30, 2019 and 2018**

Note 3 - Due From Governmental Agencies

Due from governmental agencies consists of the following:

	June 30,	
	2019	2018
	<i>(in thousands)</i>	
E-ZPass - E-ZPass Customers' use of E-Pass Roads	\$ 569	\$ -
Florida Department of Transportation - Operations and Maintenance Reimbursement	1,049	1,021
Florida Department of Transportation - SunPass Customers' use of E-PASS Roads	10,614	21,357
Florida's Turnpike Enterprise - Road Ranger Joint Contract	-	89
Florida's Turnpike Enterprise - SR 417 Widening Reimbursement	509	80
Lee County - LeeWay Customers' use of E-PASS	7	19
Orange County - Fines/Fees	176	207
Orange County - Parcel 800	13	-
Osceola County Expressway Authority - Interlocal Agreement	-	84
Osceola County Expressway Authority - Maintenance Reimbursement	-	5
	<u>\$ 12,937</u>	<u>\$ 22,862</u>
Less current portion	<u>(12,937)</u>	<u>(22,862)</u>
	<u>\$ -</u>	<u>\$ -</u>

"DRAFT FOR DISCUSSION PURPOSES ONLY"

**CENTRAL FLORIDA EXPRESSWAY AUTHORITY
NOTES TO FINANCIAL STATEMENTS
Years Ended June 30, 2019 and 2018**

Note 4 - Capital Assets

Capital assets are summarized as follows (in thousands):

	June 30, 2018	Additions	Reductions	Transfers	June 30, 2019
Infrastructure (non-depreciable):					
Right-of-way	\$ 905,374	\$ 688	\$ (97)	\$ 7,648	\$ 913,613
Highways and bridges	3,268,030	86,819	(247)	16,975	3,371,577
Total infrastructure (non-depreciable)	<u>4,173,404</u>	<u>87,507</u>	<u>(344)</u>	<u>24,623</u>	<u>4,285,190</u>
Construction in progress (non-depreciable):					
Right-of-way	9,249	6,464	-	(7,648)	8,065
Highways and bridges	177,637	188,226	-	(16,975)	348,888
Buildings and toll facilities	1,196	1,547	-	(1,438)	1,305
Toll equipment	36,745	9,270	-	-	46,015
Furniture, equipment and other	6,749	9,420	(935)	(6,526)	8,708
Total construction in progress (non-depreciable)	<u>231,576</u>	<u>214,927</u>	<u>(935)</u>	<u>(32,587)</u>	<u>412,981</u>
Property and equipment (depreciable):					
Toll equipment	102,624	-	(420)	-	102,204
Buildings and toll facilities	162,198	13	-	1,438	163,649
Furniture, equipment and other	67,494	2,604	(619)	6,526	76,005
Total property and equipment (depreciable)	<u>332,316</u>	<u>2,617</u>	<u>(1,039)</u>	<u>7,964</u>	<u>341,858</u>
Less accumulated depreciation for:					
Toll equipment	(90,034)	(4,050)	375	-	(93,709)
Buildings and toll facilities	(66,539)	(5,339)	-	-	(71,878)
Furniture, equipment and other	(34,109)	(9,156)	553	-	(42,712)
Total accumulated depreciation	<u>(190,682)</u>	<u>(18,545)</u>	<u>928</u>	<u>-</u>	<u>(208,299)</u>
Total property and equipment being depreciated, net	<u>141,634</u>	<u>(15,928)</u>	<u>(111)</u>	<u>7,964</u>	<u>133,559</u>
Total capital assets	<u>\$ 4,546,614</u>	<u>\$ 286,506</u>	<u>\$ (1,390)</u>	<u>\$ -</u>	<u>\$ 4,831,730</u>

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**CENTRAL FLORIDA EXPRESSWAY AUTHORITY
NOTES TO FINANCIAL STATEMENTS
Years Ended June 30, 2019 and 2018**

Note 4 - Capital Assets (Continued)

	June 30, 2017	Additions	Reductions	Transfers	June 30, 2018
Infrastructure (non-depreciable):					
Right-of-way	\$ 704,091	\$ 105	\$ (18)	\$ 201,196	\$ 905,374
Highways and bridges	2,768,014	1,085	(463)	499,394	3,268,030
Total infrastructure (non-depreciable)	<u>3,472,105</u>	<u>1,190</u>	<u>(481)</u>	<u>700,590</u>	<u>4,173,404</u>
Construction in progress (non-depreciable):					
Right-of-way	176,945	33,500	-	(201,196)	9,249
Highways and bridges	406,780	270,251	-	(499,394)	177,637
Buildings and toll facilities	1,125	889	-	(818)	1,196
Toll equipment	25,780	11,023	-	(58)	36,745
Furniture, equipment and other	5,326	6,142	-	(4,719)	6,749
Total construction in progress (non-depreciable)	<u>615,956</u>	<u>321,805</u>	<u>-</u>	<u>(706,185)</u>	<u>231,576</u>
Property and equipment (depreciable):					
Toll equipment	103,006	-	(440)	58	102,624
Buildings and toll facilities	161,317	63	-	818	162,198
Furniture, equipment and other	62,824	1,035	(1,084)	4,719	67,494
Total property and equipment (depreciable)	<u>327,147</u>	<u>1,098</u>	<u>(1,524)</u>	<u>5,595</u>	<u>332,316</u>
Less accumulated depreciation for:					
Toll equipment	(85,525)	(4,727)	218	-	(90,034)
Buildings and toll facilities	(61,172)	(5,367)	-	-	(66,539)
Furniture, equipment and other	(31,810)	(3,344)	1,045	-	(34,109)
Total accumulated depreciation	<u>(178,507)</u>	<u>(13,438)</u>	<u>1,263</u>	<u>-</u>	<u>(190,682)</u>
Total property and equipment being depreciated, net	<u>148,640</u>	<u>(12,340)</u>	<u>(261)</u>	<u>5,595</u>	<u>141,634</u>
Total capital assets	<u>\$ 4,236,701</u>	<u>\$ 310,655</u>	<u>\$ (742)</u>	<u>\$ -</u>	<u>\$ 4,546,614</u>

In fiscal year 2019, CFX adopted the new GASB 89 standard which requires interest costs to be expensed as incurred. Going forward, interest will no longer be capitalized as part of the historical cost of a capital asset. During the year ending June 30, 2018, total bond interest cost incurred amounted to approximately \$117,523,000 of which \$11,658,000 was capitalized as construction in progress.

Goldenrod Project - On March 24, 1999, CFX signed the Goldenrod Road Extension Development Agreement (the "Agreement") for the extension of Goldenrod Road to SR 528 (the "Extension"). The Agreement is between CFX and other local agencies and governments, including the City of Orlando (the "City"), Greater Orlando Aviation Authority ("GOAA") and Orange County (the "County"). Under the Agreement, each of the parties agreed to contribute a set amount toward construction of the Extension. The contributions made by each party for construction are as follows:

City of Orlando	\$ 2,000,000
GOAA	\$ 4,500,000
Orange County	\$ 1,000,000
CFX	\$ 38,010,458

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**CENTRAL FLORIDA EXPRESSWAY AUTHORITY
NOTES TO FINANCIAL STATEMENTS
Years Ended June 30, 2019 and 2018**

Note 4 - Capital Assets (*Continued*)

CFX's responsibilities under the Agreement were to acquire, design and construct the right-of-way for the Extension. Construction of the Extension began in January 2001 and opened to traffic in March 2004. Under the terms of the Agreement, toll revenues generated from the Extension will be distributed, first to operating cost, then to repay the contributions to each contributing party.

The construction costs of the roadway, toll plaza and toll equipment are included in CFX's capital assets. These assets will remain the property of CFX until the final payments of all contributions are made. Upon the final repayment of all contributions, ownership of the roadway will revert to the City and the City will be responsible for all future maintenance costs. CFX will retain ownership of the interchange to SR 528 and certain portions of the right-of-way. Since this project is a non-System project, it is reported net in the non-operating section of the statements of revenues, expenses and changes in net position. The toll revenues generated from the Extension are not pledged to CFX's bond indebtedness.

Poinciana Parkway - On December 13, 2018, CFX signed the Amended and restated Lease-Purchase Agreement with Osceola County. This agreement transfers the Poinciana Parkway Project to CFX as a non-System project. Under this agreement CFX began operating Poinciana Parkway as of January 1, 2019. At the time of the transfer, Poinciana Parkway's capital assets totaled \$82,558,880. Since this project is a non-System project, it is reported net in the non-operating section of the statements of revenues, expenses and changes in net position. The toll revenues generated from the Poinciana Parkway are not pledged to CFX's bond indebtedness.

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**CENTRAL FLORIDA EXPRESSWAY AUTHORITY
NOTES TO FINANCIAL STATEMENTS
Years Ended June 30, 2019 and 2018**

Note 5 - Long-Term Debt

Revenue Bonds Payable - A summary of changes in revenue bonds payable is as follows (in thousands):

	June 30, 2018	Additions	Deletions	June 30, 2019
Series 2008B1	\$ 130,360	\$ -	\$ (225)	\$ 130,135
Series 2008B2	117,865	-	(180)	117,685
Series 2008B3	149,060	-	(270)	148,790
Series 2008B4	99,335	-	(170)	99,165
Series 2010B	73,640	-	(6,310)	67,330
Series 2012	180,370	-	(22,535)	157,835
Series 2012A	53,815	-	(5,615)	48,200
Series 2013A	242,320	-	-	242,320
Series 2013B	154,320	-	(18,870)	135,450
Series 2013C	104,630	-	(890)	103,740
Series 2015 Senior Lien BANs	193,695	-	(193,695)	-
Series 2016A	150,985	-	(735)	150,250
Series 2016B	625,645	-	(1,795)	623,850
Series 2017	341,210	-	(1,325)	339,885
Series 2018	-	221,045	-	221,045
	2,617,250	221,045	(252,615)	2,585,680
Add unamortized bond premium	205,185	24,764	(14,090)	215,859
Less current portion of revenue bonds payable	(252,615)	(63,025)	252,615	(63,025)
Revenue bonds payable - net of current portion	\$ 2,569,820	\$ 182,784	\$ (14,090)	\$ 2,738,514

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**CENTRAL FLORIDA EXPRESSWAY AUTHORITY
NOTES TO FINANCIAL STATEMENTS
Years Ended June 30, 2019 and 2018**

Note 5 - Long-Term Debt (Continued)

	June 30, 2017	Additions	Deletions	June 30, 2018
Series 2007A	\$ 185,885	\$ -	\$(185,885)	\$ -
Series 2008B1	130,535	-	(175)	130,360
Series 2008B2	118,020	-	(155)	117,865
Series 2008B3	149,200	-	(140)	149,060
Series 2008B4	99,475	-	(140)	99,335
Series 2010A	120,760	-	(120,760)	-
Series 2010B	109,745	-	(36,105)	73,640
Series 2010C	12,905	-	(12,905)	-
Series 2012	201,925	-	(21,555)	180,370
Series 2012A	59,060	-	(5,245)	53,815
Series 2013A	242,320	-	-	242,320
Series 2013B	172,360	-	(18,040)	154,320
Series 2013C	105,485	-	(855)	104,630
Series 2015 Senior Lien BANs	193,695	-	-	193,695
Series 2016A	151,695	-	(710)	150,985
Series 2016B	631,330	-	(5,685)	625,645
Series 2017	-	341,210	-	341,210
	2,684,395	341,210	(408,355)	2,617,250
Add unamortized bond premium	182,430	41,428	(18,673)	205,185
Less current portion of revenue bonds payable and BAN	(58,710)	(252,615)	58,710	(252,615)
Revenue bonds payable - net of current	\$ 2,808,115	\$ 130,023	\$(368,318)	\$ 2,569,820

In the 2002 legislative session, the Florida Legislature amended Chapter 348, Part V (now Part III of the "Expressway Act") to, among other things, revise and expand the powers of CFX to finance or refinance its projects, including the power to refund bonds previously issued on behalf of CFX by the State of Florida Division of Bond Finance of the State Board of Administration (Division of Bond Finance), through the issuance of its own bonds or other obligations. Consistent with the authority granted in the Expressway Act, CFX adopted an Authority Bond Resolution on July 2, 2002, authorizing the issuance of up to \$2,000,000,000 of additional bonds or other indebtedness to finance projects of CFX. Although not required, the first issuance of bonds by CFX under the Authority Bond Resolution was validated by the Circuit Court of the Ninth Judicial Circuit of Florida, in Orange County, Florida, on September 20, 2002.

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**CENTRAL FLORIDA EXPRESSWAY AUTHORITY
NOTES TO FINANCIAL STATEMENTS
Years Ended June 30, 2019 and 2018**

Note 5 - Long-Term Debt (Continued)

On January 28, 2003, the Division of Bond Finance adopted a resolution formally recognizing CFX as the issuer of bonds under that certain Master Junior Lien Bond Resolution pursuant to which the Division of the Bond Finance had previously issued bonds on behalf of CFX. CFX further adopted, on February 3, 2003, an Amended and Restated Master Bond Resolution pursuant to which CFX amended and restated the Authority Bond Resolution and the Master Junior Lien Resolution into a single, consolidated, single-lien resolution to govern the existing outstanding bonds and future bond indebtedness of CFX. All bonds or other obligations issued under the Amended and Restated Master Bond Resolution are payable from, and secured by, a pledge of net revenues from the operation of the System.

As notated in Note 1, on June 20, 2014, the Governor of Florida signed a bill to create CFX, which assumed the governance and control of the former Orlando-Orange County Expressway Authority, including its assets, personnel, contracts, obligations, liabilities, facilities and tangible and intangible property. The Central Florida Expressway Authority assumed all the debt of the former Orlando-Orange County Expressway Authority pursuant to Chapter 2014-171, Public Laws of Florida.

Fixed Rate Debt

The Central Florida Expressway Authority Refunding Revenue Bonds, Series 2018, were originally issued on November 29, 2018 and were outstanding in the aggregate principal amount of \$221,045,000 on June 30, 2019, including \$127,550,000 of serial bonds and \$93,495,000 of term bonds. The outstanding serial bonds are due in annual installments beginning on July 1, 2019 through July 1, 2040 in amounts ranging from \$2,010,000 to \$9,325,000, plus interest. Two term bonds were issued in the amounts of \$30,865,000 and \$62,630,000 and mature July 1, 2043 and July 1, 2048, respectively. The 2018 Bonds are payable from, and secured by, a pledge of net revenues from the operation of the expressway System. Interest on the 2018 Bonds is due and paid semiannually.

The Central Florida Expressway Authority Refunding Revenue Bonds, Series 2017, were originally issued on December 28, 2017 and were outstanding in the aggregate principal amount of \$339,885,000 and \$341,210,000 on June 30, 2019 and 2018 respectively, including \$243,100,000 of serial bonds and \$98,110,000 of term bonds. The outstanding serial bonds are due in annual installments beginning on July 1, 2019 through July 1, 2042 in amounts ranging from \$610,000 to \$56,340,000, plus interest. The term bond is due on July 1, 2041. The 2017 Bonds are payable from, and secured by, a pledge of net revenues from the operation of the expressway System. Interest on the 2017 Bonds is due and paid semiannually. The purpose of the Series 2017 Bonds was to refund all of the Series 2007A, 2010A, and 2010C Bonds and a portion of the 2010B Bonds, for net present value savings of \$39,795,910, which represents \$61,030,269 of lower debt service payments over the life of the debt. The deferred outflow on the refunding for accounting purposes was \$26,266,627.

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**CENTRAL FLORIDA EXPRESSWAY AUTHORITY
NOTES TO FINANCIAL STATEMENTS
Years Ended June 30, 2019 and 2018**

Note 5 - Long-Term Debt (*Continued*)

Fixed Rate Debt (*Continued*)

The Central Florida Expressway Authority Refunding Revenue Bonds, Series 2016B, were originally issued on November 2, 2016 and were outstanding in the aggregate principal amount of \$623,850,000 and \$625,645,000 on June 30, 2019 and 2018 respectively, all of which were serial bonds. The outstanding serial bonds are due in annual installments beginning on July 1, 2019 through July 1, 2040 in amounts ranging from \$1,860,000 to \$66,520,000, plus interest. The 2016B Bonds are payable from, and secured by, a pledge of net revenues from the operation of the expressway System. Interest on the 2016B Bonds is due and paid semiannually. The purpose of the Series 2016B Bonds was to refund portions of the Series 2007A, 2010A, 2010B and 2010C Bonds for net present value savings of \$65,239,436, which represents \$92,180,668.91 of lower debt service payments over the life of the debt. The deferred outflow on the refunding for accounting purposes was \$75,028,080.

The Central Florida Expressway Authority Refunding Revenue Bonds, Series 2016A, were originally issued on April 26, 2016 and were outstanding in the aggregate principal amount of \$150,250,000 and \$150,985,000 on June 30, 2019 and 2018 respectively, all of which were serial bonds. The outstanding serial bonds are due in annual installments beginning on July 1, 2019 through July 1, 2032 and July 1, 2036 through July 1, 2037 in amounts ranging from \$755,000 to \$28,000,000, plus interest. The 2016A Bonds are payable from, and secured by, a pledge of net revenues from the operation of the expressway System. Interest on the 2016A Bonds is due and paid semiannually. The purpose of the Series 2016A Bonds was to refund a portion of the Series 2007A Bonds for net present value savings of \$27,251,546, which represents \$40,378,823 of lower debt service payments over the life of the debt. The deferred outflow on the refunding for accounting purposes was \$5,296,435.

The Central Florida Expressway Authority Revenue Bond Anticipation Notes (BANs), Series 2015, were originally issued on July 21, 2015 and were outstanding in the aggregate principal amount of \$0 and \$193,695,000 on June 30, 2019 and 2018. The 2015 BANs were payable from, and secured by, a pledge of net revenues from the operation of the expressway System. CFX entered into a Transportation Infrastructure Finance and Innovation (TIFIA) loan agreement with the U.S. Department of Transportation, acting by and through the Federal Highway Administrator on March 25, 2015. The proceeds from the Junior TIFIA loan were used to redeem the Series 2015 BANs prior to their maturity date on October 19, 2018. Interest on the 2015 BANs was due and paid semiannually. The purpose of the 2015 BANs was to provide funds to finance certain capital costs for the Wekiva Parkway Project.

The Central Florida Expressway Authority Refunding Revenue Bond, Series 2013C, was originally issued on September 12, 2013 and was outstanding in the aggregate principal amount of \$103,740,000 and \$104,630,000 on June 30, 2019 and 2018, respectively. The bond was issued in the form of a bank loan directly with the bondholder, STI Institutional & Government, Inc. The outstanding amount of the bond is due in annual installments on July 1, 2019 through July 1, 2032 in amounts ranging from \$920,000 to \$15,740,000, plus interest. The 2013C Bond is payable from, and secured by, a pledge of net revenues from the operation of the expressway System. Interest on the 2013C Bond is due and paid semiannually. The Series 2013C Bond was issued for the purpose of refunding the Series 2003D Bonds and to fund the termination payment related to the associated swap. The refunding resulted in a deferred outflow of \$15,599,396, most of which was related to the swap termination payment.

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NOTES TO FINANCIAL STATEMENTS
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Note 5 - Long-Term Debt (*Continued*)

Fixed Rate Debt (*Continued*)

The difference between the cash flow of the old debt and the cash flow of the new debt was \$3,440,975 lower post-refunding, which represents \$2,500,470 on a net present value basis. The purpose of this refunding was to lower the risk profile of CFX's debt at an attractive rate. In fiscal year 2017, CFX renegotiated the bank loan with STI Institutional & Government Inc. and on November 2, 2016 the interest rate was lowered to 2.75%. This lower rate will generate \$10,961,178 of savings over the term of the loan which represents \$9,168,845 on a net present value basis.

The Central Florida Expressway Authority Refunding Revenue Bonds, Series 2013B, were originally issued on January 2, 2013 and were outstanding in the aggregate principal amount of \$135,450,000 and \$154,320,000 on June 30, 2019 and 2018, respectively, all of which were serial bonds. The outstanding serial bonds are due in annual installments on July 1, 2019 through July 1, 2025 in amounts ranging from \$2,475,000 to \$24,710,000, plus interest. The 2013B Bonds are payable from, and secured by, a pledge of net revenues from the operation of the expressway System. Interest on the 2013B Bonds is due and paid semiannually. The Series 2013B Bonds were issued for the purpose of refunding the Series 2003C2 and 2003C4 Bonds and to fund the termination payments related to the associated swaps. The refunding resulted in a deferred outflow of \$42,223,850, most of which was related to the swap termination payments. The difference between the cash flow of the old debt and the cash flow of the new debt was \$5,959,376 higher post-refunding, which represents \$4,868,985 on a net present value basis. The purpose of this refunding was to lower the risk profile of CFX's debt at an attractive rate.

The Central Florida Expressway Authority Refunding Revenue Bonds, Series 2013A, were originally issued on April 3, 2013 and were outstanding in the aggregate principal amount of \$242,320,000 on June 30, 2019 and 2018, including \$110,545,000 of serial bonds and \$131,775,000 of term bonds. The serial bonds are due in annual installments beginning on July 1, 2026 through July 1, 2032 in amounts ranging from \$7,065,000 to \$24,875,000, plus interest. The term bond is due on July 1, 2035. The 2013A Bonds are payable from, and secured by, a pledge of net revenues from the operation of the expressway System. Interest on the 2013A Bonds is due and paid semiannually. The purpose of the Series 2013A Bonds was to refund the Series 2003B Bonds for net present value savings of \$35,842,015, which represents \$60,831,999 of lower debt service payments over the life of the debt. The deferred outflow on the refunding for accounting purposes was \$2,750,505.

The Central Florida Expressway Authority Refunding Revenue Bonds, Series 2012, were originally issued on November 29, 2012 and were outstanding in the aggregate principal amount of \$157,835,000 and \$180,370,000 on June 30, 2019 and 2018 respectively, all of which were serial bonds. The serial bonds are due beginning on July 1, 2019 through July 1, 2025 in amounts ranging from \$23,520,000 to \$29,240,000, plus interest. The 2012 Bonds are payable from, and secured by, a pledge of net revenues from the operation of the expressway System. Interest on the 2012 Bonds is due and paid semiannually. See below for the purpose, economic and accounting impacts of the refunding.

The Central Florida Expressway Authority General Reserve Fund Obligation Bond, Series 2012A, was originally issued on November 29, 2012 and was outstanding in the aggregate principal amount of \$48,200,000 and \$53,815,000 on June 30, 2019 and 2018 respectively.

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**CENTRAL FLORIDA EXPRESSWAY AUTHORITY
NOTES TO FINANCIAL STATEMENTS
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Note 5 - Long-Term Debt (Continued)

Fixed Rate Debt (Continued)

The bond was issued in the form of a subordinate bank loan directly with the bondholder, SunTrust Bank. The bond is due in annual installments beginning on July 1, 2019 through July 1, 2025 in amounts ranging from \$6,005,000 to \$8,485,000, plus interest. The 2012A Bond is payable from, and secured by, a pledge of the general fund, which is junior and subordinate to the net revenues from the operation of the expressway System pledged to senior lien parity bonds. Interest on the 2012A Bond is due and paid semiannually.

Collectively, the purpose of the Series 2012 and 2012A Bonds was to refund the Series 2003C1 and 2003C3 Bonds and to fund the termination payments on the associated swaps. The refunding resulted in a deferred outflow of \$60,159,863, most of which was related to the swap termination payments. The difference between the cash flow of the old debt and the cash flow of the new debt was \$7,202,160 higher post-refunding, which represents \$4,712,369.37 on a net present value basis. The purpose of this refunding was to lower the risk profile of CFX's debt at an attractive rate.

The Central Florida Expressway Authority Refunding Revenue Bonds, Series 2010B, were originally issued on June 30, 2010 and were outstanding in the aggregate principal amount of \$67,330,000 and \$73,640,000 on June 30, 2019 and 2018, respectively. The bonds were issued as serial bonds and the outstanding bonds are due in annual installments on July 1, 2019 through July 1, 2021 in amounts ranging from \$6,570,000 to \$53,880,000, plus interest. Interest on the 2010B Bonds is due and paid semiannually. Portions of the Series 2010B Bonds was refunded by the Series 2016B Bond and Series 2017 Bond as stated above.

Variable Rate Debt

On May 1, 2008, CFX issued Central Florida Expressway Authority Variable Rate Refunding Revenue Bonds, Series 2008B1, 2008B2, 2008B3 and 2008B4 (collectively, "2008B Bonds"), for the purpose of refunding the Series 2005A, 2005B, 2005C, 2005D, and 2005E Bonds (collectively, "2005 Bonds"), of which \$130,135,000, \$117,685,000, \$148,790,000, \$99,165,000 and \$130,360,000, \$117,865,000, \$149,060,000, \$99,335,000 was outstanding on June 30, 2019 and 2018, respectively. The 2008B Bonds were issued in four sub-series in the initial aggregate principal amount of \$499,105,000, including Series 2008B1 in the initial principal amount of \$131,025,000; Series 2008B2 in the initial principal amount of \$118,500,000; Series 2008B3 in the initial principal amount of \$149,760,000; and 2008B4 in the initial principal amount of \$99,820,000. The Series 2008B Bonds are dated the date of their original issuance and delivery and mature on July 1, 2040. The Series 2008B Bonds were initially issued and currently outstanding in a variable rate mode, with the interest rate on the Series 2008B Bonds resetting on a weekly basis and interest payable on a monthly basis.

In fiscal year 2012, the Series 2008B3 and 2008B4 Bonds were converted to a bank rate mode and directly placed with the bondholder. In fiscal year 2015, the Series 2008B1 Bonds were converted to a bank rate mode and directly placed with the bondholder. In fiscal year 2016, the Series 2008B2 Bonds were converted to a bank rate mode and directly placed with the bondholder. All 2008B bonds remain in bank purchase mode. The bank rate also resets on a weekly basis and is tied to the SIFMA index plus a spread.

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**CENTRAL FLORIDA EXPRESSWAY AUTHORITY
NOTES TO FINANCIAL STATEMENTS
Years Ended June 30, 2019 and 2018**

Note 5 - Long-Term Debt (Continued)

Variable Rate Debt (Continued)

The 2008B Bonds are subject to optional and mandatory redemption and optional and mandatory tender for purchase prior to maturity. Amortization installments for the mandatory redemption of the 2008B Bonds began on July 1, 2014.

The annual requirements to amortize all revenue bonds and revenue refunding bonds outstanding as of June 30, 2019, are summarized as follows (all amounts in thousands). The totals below are net of capitalized interest funds available for debt service. For purposes of this note, the interest rate applicable to variable rate bonds is the synthetic fixed rate of 4.7753% for the 2008 Bonds. None of the fees associated with liquidity, letters of credit, or remarketing arrangements are included in the chart below, nor are the incremental rates paid on any floating rate note arrangements.

	Principal	Interest	Total P&I Due	Capitalized Interest	Net Due
2020	\$ 63,025	\$ 115,267	\$ 178,292	\$ -	\$ 178,292
2021	67,615	114,307	181,922	-	181,922
2022	70,820	110,495	181,315	-	181,315
2023	73,190	106,329	179,519	-	179,519
2024	76,710	101,889	178,599	-	178,599
2025-2029	504,805	441,560	946,365	-	946,365
2030-2034	633,295	314,133	947,428	-	947,428
2035-2039	655,285	165,921	821,206	-	821,206
2040-2044	378,305	41,231	419,536	-	419,536
2045-2049	62,630	8,134	70,764	-	70,764
	<u>\$ 2,585,680</u>	<u>\$ 1,519,266</u>	<u>\$ 4,104,946</u>	<u>\$ -</u>	<u>\$ 4,104,946</u>

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**CENTRAL FLORIDA EXPRESSWAY AUTHORITY
NOTES TO FINANCIAL STATEMENTS
Years Ended June 30, 2019 and 2018**

Note 5 - Long-Term Debt (*Continued*)

Hedging Derivative Instruments – Cash Flow Hedges

Variable-to-Fixed Rate Interest Rate Swaps - On July 13, 2004, CFX entered into five forward-starting, synthetic fixed rate swap agreements totaling \$499,105,000 ("2004 Swaps"), attributable to the \$199,645,000 Series 2005A Bonds, the \$149,760,000 Series 2005B Bonds, the \$99,820,000 Series 2005C Bonds, the \$24,940,000 Series 2005D Bonds, and the \$24,940,000 Series 2005E Bonds. On May 1, 2008, all Series 2005 Bonds were redeemed, and the 2004 Swaps are now associated with the Series 2008B Refunding Bonds described above.

Objective of Swaps and Nature of Hedged Risk: CFX entered into the 2004 Swaps in order to ensure its ability to fund its Five-Year Work Plan, then valued at \$1,240,300,000 and in order to manage the interest rate exposure that CFX was subject to as a result of issuing its variable rate bonds.

Strategy to Accomplish Hedge Objective: In order to achieve the stated objectives, CFX issued variable rate bonds with a weekly reset and entered into swap agreements to obtain the synthetic fixed rate. In 2004, CFX entered into five separate forward-starting, interest rate swap agreements with five separate counterparties. The 2004 Swaps remained in place at the time of issuance of the 2005 Bonds.

Summary Derivative Hedging Instruments: On July 13, 2004, CFX entered into five separate forward-starting, interest rate swap agreements with an effective date of March 1, 2005, all of which were associated with the Series 2005 Bonds. There was no cash exchanged at the time these forward agreements were entered into.

The interest rate swap transactions were executed in order to accomplish the synthetic fixed rates, as noted below. CFX has a cancellation option in the swap with UBS AG. A summary of these transactions and the significant terms, as well as the credit ratings on the counterparties as of June 30, 2019 and 2018, are as follows:

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**CENTRAL FLORIDA EXPRESSWAY AUTHORITY
NOTES TO FINANCIAL STATEMENTS
Years Ended June 30, 2019 and 2018**

Note 5 - Long-Term Debt (Continued)

Hedging Derivative Instruments – Cash Flow Hedges (Continued)

	<u>Series 2005A</u>	<u>Series 2005B</u>	<u>Series 2005C</u>	<u>Series 2005D</u>	<u>Series 2005E</u>
<i>Notional Value (as of 6/30/2019)</i>	\$198,310,000	\$148,754,000	\$99,155,000	\$24,778,000	\$24,778,000
<i>Fixed Rate</i>	4.7753%	4.7753%	4.7753%	4.7753%	4.7753%
<i>Fixed Payer</i>	CFX	CFX	CFX	CFX	CFX
<i>Floating Rate</i>	SIFMA	SIFMA	SIFMA	SIFMA	SIFMA
	Weekly Index	Weekly Index	Weekly Index	Weekly Index	Weekly Index
<i>Maturity Date</i>	1-Jul-40	1-Jul-40	1-Jul-40	1-Jul-40	1-Jul-40
<i>Settlement</i>	Monthly	Monthly	Monthly	Monthly	Monthly
<i>Premium Paid</i>	None	None	None	None	None
<i>Counterparty</i>	UBS AG	Citibank	Morgan Stanley Capital Services Inc.	RBC Dain	JP Morgan*
<i>Ratings 6/30/2018 (S&P/Moody's/Fitch)</i>	A+/Aa3/AA-	A+/A1/A+	BBB+/A3/A	AA-/A1/AA	A+/Aa3/AA
<i>Ratings 6/30/2019 (S&P/Moody's/Fitch)</i>	A+/Aa3/AA-	A+/Aa3/A+	BBB+/A3/A	AA-/Aa2/AA	A+/Aa2/AA

*Originally with Bear Stearns Financial Products, Inc. By novation agreement dated April 22, 2009, this swap was transferred to JP Morgan Chase Bank, N.A.

Type of Hedge: Discrete Cash Flow

Fair Value: All of CFX's derivative instruments are considered effective cash flow hedges because they meet the consistent critical terms method criteria. Therefore, the fair value is reported as a deferred outflow on the balance sheets.

CFX has obtained independent market value evaluations of its swap transactions. These fair value estimates are based on expected forward LIBOR swap rates and discounted expected cash flows (Level 3 inputs). The appropriate LIBOR percentages that relate to the tax-exempt SIFMA swap rates are applied to the LIBOR swap curve to derive the expected forward SIFMA swap rates. On a current mark-to-market basis, the net present value of the swaps would require CFX to make an estimated combined termination payment, in the event that all of the outstanding swaps were terminated on June 30, 2019 or June 30, 2018, of \$177,483,541 and \$135,832,423, respectively. The change in fair value at FYE 2019 was \$41,651,180 higher than at FYE 2018 and the change in fair value at FYE 2018 was \$35,040,846 lower than at the prior year end.

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**CENTRAL FLORIDA EXPRESSWAY AUTHORITY
NOTES TO FINANCIAL STATEMENTS
Years Ended June 30, 2019 and 2018**

Note 5 - Long-Term Debt (*Continued*)

Hedging Derivative Instruments – Cash Flow Hedges (*Continued*)

The table below provides the fair value of the Swaps:

Estimated Termination Payments Based on Net Present Value

	<u>June 30, 2019</u>	<u>June 30, 2018</u>
Series 2008B	<u>\$ 177,483,541</u>	<u>\$ 135,832,423</u>

Risks: CFX monitors the various risks associated with the Swap Agreements. Based upon the assessment, CFX reviewed the following risks:

Credit Risk: CFX has adopted an Interest Rate Risk Management Policy whereby, prior to entering into an interest rate exchange agreement, CFX will require the counterparty to (i) have an initial rating of at least AA-/Aa3/AA- by at least one of the three nationally recognized credit rating agencies and not be rated lower than A/A2/A by any of the three nationally recognized credit rating agencies or (ii) alternatively, post suitable and adequate collateral, given the undertaking involved with the particular transaction. For all executed agreements, the counterparties met the criteria in (i) above at the time of execution.

Similar to the experience of many financial product providers in recent years, four of the five counterparties have dropped below the initial required rating levels. A summary of the credit ratings of the counterparties as of June 30, 2018 and 2019, is shown previously under *Summary of Derivative Hedging Instruments*. CFX's Interest Rate Risk Management Policy does not contain a specific requirement for collateral posting in the event of a counterparty downgrade below the minimum requirements; however, the agreements require that the counterparties post suitable and adequate collateral if the termination values were such that a payment would be due to CFX. As of June 30, 2019 and 2018, that is not the case; therefore, there is no reportable risk of loss to CFX due to credit risk. The following terms of the Swaps and all Series 2008B Bond obligations are identical:

1. The total notional amount of the Swaps equals the total issued principal amount of CFX's revenue bonds that are subject to the Swaps.
2. The re-pricing dates of the Swaps match those of the related bonds, specifically, all Series 2008B Bonds.
3. The amortization of the Swaps matches the amortization of the bonds.

CFX does not have a specific policy regarding entering into master netting arrangements, nor has it entered into any such master arrangements.

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**CENTRAL FLORIDA EXPRESSWAY AUTHORITY
NOTES TO FINANCIAL STATEMENTS
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Note 5 - Long-Term Debt (Continued)

Interest Rate Risk: CFX implemented a strategy on the Swaps associated with the Series 2008B Bonds, which was designed to provide a synthetic fixed rate.

Basis Risk: Basis risk for CFX's derivatives would be the risk that the weekly rates on its variable rate bonds would not match the index referenced in the interest rate exchange agreements. The Series 2005 variable rate bonds were issued to bear interest at the seven-day market rate, whereas the underlying swap agreements pay CFX interest at the weekly TBMA (now known as SIFMA) index rate. Since the variable rate paid by the counterparties on the interest rate swaps is the SIFMA index, CFX reasonably assumed that the hedging relationship would be highly effective in providing counterparty payments to CFX in amounts necessary to pay the synthetic fixed rate on the Series 2005 Bonds. However, during fiscal year 2008, CFX experienced some basis spread on the Series 2005 Bonds subsequent to Fitch's downgrade of Ambac, the bonds' insurer. In order to mitigate this spread, CFX took action to redeem the bonds and issued the Series 2008B Refunding Bonds, backed by letters of credit. In fiscal year 2012, the Series 2008B3 and 2008B4 Bonds were converted to a bank rate mode and directly placed with the bondholder. In fiscal year 2015, the Series 2008B1 Bonds were converted to a bank rate mode and directly placed with the bondholder. In fiscal year 2016, the Series 2008B2 Bonds were converted to a bank rate mode and directly placed with the bondholder. The bank rates for all the Series are reset on a weekly basis and are tied to the SIFMA index plus a spread. Therefore, basis risk for these bonds has been eliminated during the bank rate period.

Termination Risk: CFX is subject to termination risk but determined at the time to mitigate that risk by acquiring swap insurance policies for the swaps associated with the Series 2008B Bonds. Each of CFX's outstanding interest rate exchange agreements contain an Additional Termination Event provision, which is triggered by certain downgrades in the credit ratings of the respective parties, but each such provision is subject to the Insurer Provisions contained therein.

Under certain conditions set forth in the swap agreements, neither CFX nor the counterparty may designate an early termination date without the consent of the Insurer, unless an "Insurer Event" has occurred whereby the Swap Insurer (i) fails to meet its payment obligations under the swap, (ii) fails to maintain a minimum claims-paying ability rating or financial-strength rating from either S&P or Moody's described in the respective swap agreements or (iii) has its rating from either S&P or Moody's withdrawn or suspended and such rating is not reinstated within 30 days of such withdrawal or suspension.

Additionally, for the 2004 Swaps, a Credit Support Annex was negotiated with the counterparties. During fiscal year 2009, the insurer on the swaps now associated with the Series 2008B Bonds (the "2004 Swaps"), was downgraded below the A-/A3 (S&P/Moody's) level. As such, an Insurer Event did take place. Three of the five agreements required that CFX demonstrate that it had maintained its own rating above the A-/A3 levels to prevent a termination. CFX has maintained its ratings at A/A2; therefore, it has complied with the requirements and no termination event has occurred.

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NOTES TO FINANCIAL STATEMENTS
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Note 5 - Long-Term Debt (Continued)

One agreement did not consider an Insurer Event grounds for early termination, unless some additional event of default had taken place, such as failure to meet the payment obligations, none of which have taken place. One agreement required that CFX either replace the insurer with another credit support facility or post collateral in the amount of the termination value in excess of \$15,000,000, based on CFX's credit rating. CFX received the notice of an Insurer Event from this counterparty on June 25, 2009 and posted collateral in July 2009. All investment income on the security posted as collateral, and the security itself, is income to, and an asset of, CFX. Per the agreement, the counterparty could request a maximum amount of \$21,700,859 as of June 30, 2019. However, the agreement only requires CFX to post collateral at the request of the counterparty. In compliance with the agreement and the most recent request, there was not a collateral posting as of June 30, 2019 or June 30, 2018.

As a result of CFX's compliance with the terms of the swap agreements and each applicable Credit Support Annex, as explained above, as of June 30, 2019 and 2018, no termination events have occurred.

Notwithstanding the Insurer Provisions under the swap agreements, CFX has the option to terminate all but one of the swaps at any time upon at least two business days' written notice to the counterparty. One agreement requires 30 days' written notice, a requirement which can be waived. Absent the Insurer Provisions, the counterparties may terminate the swap in the event of a default, such as: nonpayment, credit downgrade or failure to provide collateral.

Credit and Liquidity Access and Repricing Risk: CFX has reduced its basis and credit provider risks by placing the 2008B1, 2008B2, 2008B3 and 2008B4 Bonds in the bank rate mode directly with the bondholder at SIFMA plus a spread.

As of June 30, 2019, the expirations of the respective contracts were as follows:

<u>Bond Series</u>	<u>Type/Provider</u>	<u>Expiration Date</u>
Series 2008B1	FRN/Bank of America	Nov-2022
Series 2008B2	FRN/RBC Capital Markets	Jul-2023
Series 2008B3	FRN/Bank of America	Oct-2021
Series 2008B4	FRN/Wells Fargo	Jan-2022

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**CENTRAL FLORIDA EXPRESSWAY AUTHORITY
NOTES TO FINANCIAL STATEMENTS
Years Ended June 30, 2019 and 2018**

Note 5 - Long-Term Debt (Continued)

Associated Debt: The net cash flow of the underlying swap agreements compared to the variable rate bonds resulted in the following net cash inflows (outflows):

	2003 Series	2005 Series	2008 Series	Total
FY 2003	\$ 18,664	\$ -	\$ -	\$ 18,664
FY 2004	74,400	-	-	74,400
FY 2005	67,609	1,827	-	69,436
FY 2006	69,018	97,163	-	166,181
FY 2007	101,643	82,950	-	184,593
FY 2008	161,325	(2,434,950)	61,270	(2,212,355)
FY 2009	(8,421,180)	-	(487,400)	(8,908,580)
FY 2010	(506,773)	-	(165,018)	(671,791)
FY 2011	(1,115,769)	-	(263,904)	(1,379,673)
FY 2012	(1,742,406)	-	(242,174)	(1,984,580)
FY 2013	(6,639)	-	(35,814)	(42,453)
FY 2014	-	176	26,148	26,324
FY 2015	-	-	11,919	11,919
FY 2016	-	-	939	939
FY 2017	-	-	-	-
FY 2018	-	-	-	-
FY 2019	-	-	-	-
Total	<u>\$ (11,300,108)</u>	<u>\$ (2,252,834)</u>	<u>\$ (1,094,034)</u>	<u>\$ (14,646,976)</u>

Debt Service Reserve Requirements – CFX has purchased surety policies from bond insurers for the outstanding 2010B, 2012, 2013A, 2013B and 2016A Bonds. The Series 2016B and Series 2017 Bonds are secured by reserves comprised of a combination of cash and a surety policy. The Series 2018 Bonds are secured by a cash reserve. The 2008B, 2012A and 2013C Bonds are not secured by a reserve. Bond covenants do not require minimum ratings for providers of surety policies.

Defeased Bonds – During 1998, CFX defeased the Series 1988 Bonds by placing the proceeds of the unused portion of the 1998 Bonds and a portion of the 1998 Bonds in an irrevocable escrow account to provide for all future debt service payments. The purpose of this defeasance was to provide additional financing flexibility, while maintaining CFX's targeted debt service ratio. As a result, the trust account assets and the liability for the defeased bonds are not included in CFX's balance sheets. The balance of defeased bonds outstanding for the 1988 Bonds was \$0 and \$23,140,000 on June 30, 2019 and 2018, respectively.

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**CENTRAL FLORIDA EXPRESSWAY AUTHORITY
NOTES TO FINANCIAL STATEMENTS
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Note 5 - Long-Term Debt (Continued)

On November 2, 2016 CFX utilized proceeds from the issuance of the Series 2016B Refunding Bonds to fund an escrow to provide the for the payment of principal and interest on the refunded portion of the Series 2007A Bonds as of their call date of July 1, 2017 and the Series 2010A, 2010B and 2010C Bonds as of their call date of July 1, 2020.

On December 28, 2017 CFX utilized proceeds from the issuance of the Series 2017 Refunding Bonds to fund an escrow to provide the for the payment of principal and interest on the refunded Series 2007A Bonds as of their call date of July 1, 2021 and the Series 2010A, 2010B and 2010C Bonds as of the call date of July 1, 2020.

Principal maturities on those defeased bonds, based on July 1 payments each year, are as follows (in thousands):

Year Ending June 30,	1988 Bonds	2007A Bonds	2010A Bonds	2010B Bonds	2010C Bonds	Total
2020	\$ -	\$ -	\$ 120,760	\$ 30,095	\$ 12,905	\$ 163,760
2021	-	185,885	213,805	59,870	270,705	730,265
	\$ -	\$ 185,885	\$ 334,565	\$ 89,965	\$ 283,610	\$ 894,025

Loan/Lease Payable

On December 31, 2018, a lease purchase agreement and loan agreement between Osceola County and the Osceola Expressway Authority (OCX) for the operation of the Poinciana Parkway were transferred from OCX to CFX. CFX assumed all assets, liabilities, facilities, tangible and intangible property as well as any other legal rights of OCX. Osceola County's Series 2014 bonds and SIB loan incurred by the construction of the Poinciana Parkway remain outstanding and will continue to be paid from any toll revenues from the Poinciana Parkway System. The Poinciana Parkway is currently a non-system project for CFX, and none of Osceola County's outstanding debt is backed by CFX's current system revenues.

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**CENTRAL FLORIDA EXPRESSWAY AUTHORITY
NOTES TO FINANCIAL STATEMENTS
Years Ended June 30, 2019 and 2018**

Note 5 - Long-Term Debt (Continued)

Loan/Lease Payable (Continued)

The following is a schedule by years of the future minimum payments on the amounts due to Osceola County for the lease and loan payable in association with the Poinciana Parkway System:

Period Ending June 30th,	Principal	Interest	Total Debt Service
2019	\$ 704,831	\$ 2,578,787	\$ 3,283,618
2020	1,016,165	2,722,454	3,738,619
2021	1,242,267	2,886,351	4,128,618
2022	1,386,182	3,067,436	4,453,618
2023	1,528,052	3,270,566	4,798,618
2024-2028	4,020,431	23,379,552	27,399,983
2029-2033	13,726,396	28,463,457	42,189,853
2034-2038	15,994,530	28,157,070	44,151,600
2039-2043	22,979,665	22,064,226	45,043,891
2044-2048	29,365,856	4,125,312	33,491,168
	<u>\$ 91,964,375</u>	<u>\$ 120,715,211</u>	<u>\$ 212,679,586</u>

Due to Governmental Agencies

Due to governmental agencies consists of the following (in thousands):

	June 30, 2018	Additions	Deletions	June 30, 2019
Advances from FDOT for construction, operations and maintenance of certain plazas and roadways	\$ 1,377	\$ 1,404	\$ (1,377)	\$ 1,404
Loans and advances for specific projects	5,394	195,573	(261)	200,706
Toll revenue due to other state agencies	7,276	95,503	(97,963)	4,816
	14,047	292,480	(99,601)	206,926
Less current portion	(8,914)	(6,471)	8,914	(6,471)
Due to other governments, net of current portion	\$ 5,133	\$286,009	\$ (90,687)	\$ 200,455

"DRAFT FOR DISCUSSION PURPOSES ONLY"

**CENTRAL FLORIDA EXPRESSWAY AUTHORITY
NOTES TO FINANCIAL STATEMENTS
Years Ended June 30, 2019 and 2018**

Note 5 - Long-Term Debt (Continued)

Due to Governmental Agencies (Continued)

The following is a schedule by years of the minimum future payments on the amounts due to governmental agencies (all amounts in thousands):

<u>Year Ending June 30,</u>	<u>Amount</u>
2019	\$ 6,471
2020	-
2021	-
2022	-
2023	-
Thereafter	<u>200,455</u>
	<u>\$ 206,926</u>

Amounts included in "thereafter" are payable based on future events, as described below:

Included in the Loans and Advances for specific projects is \$4,882,492 for advances from the Greater Orlando Aviation Authority, the City of Orlando and Orange County for the extension of Goldenrod Road. The extension is a non-System project, and revenues from this project are utilized solely to pay expenses for the extension and to reimburse the funding partners, including CFX, for their original contribution to the project. Also included in Loans and Advances for specific projects is 195,572,543 for a Transportation Infrastructure Finance and Innovation Act (TIFIA) loan from the US Department of Transportation. This loan was secured from qualifying expenses for the acquisition of right-of-way and construction of the Wekiva Parkway. Principal repayments begin in 2028 and continue through 2049.

Note 6 - Leases

Operating Leases - CFX leases excess capacity of the Fiber Optic Network (FON) to Sprint Communications Company L.P. The original historic cost of this FON of \$19,172,000 is not depreciated because its expected life exceeds 100 years. This is a ten-year lease with three five-year renewal options. The annual rate of \$464,640, adjusted annually by the local Consumer Price Index, is presented as miscellaneous nonoperating revenues. If CFX terminates this agreement because of licensee's (Sprint's) default, the licensee shall pay CFX, as liquidated damages, an amount equal to the minimum total fees and charges for the remaining agreement term. There is no termination clause for the licensee except by default of CFX. The second five-year renewal was executed at the end of fiscal year 2016. The minimum future rentals for the remaining two fiscal years are \$464,640 per year for the first year and \$425,920 for the second year, for a total of \$890,560.

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**CENTRAL FLORIDA EXPRESSWAY AUTHORITY
NOTES TO FINANCIAL STATEMENTS
Years Ended June 30, 2019 and 2018**

Note 7 - Commitments and Contingencies

Commitments - Outstanding construction and other significant commitments for improvements, maintenance and operation of the System totaled approximately \$420,520,000 at June 30, 2019.

Pending Litigation - Various lawsuits and claims arising in the ordinary course of CFX's operations are pending against CFX.

Note 8 - Retirement Plans

Plan Descriptions

Florida Retirement System (FRS) Pension Plan - Most employees of CFX participate in the State of Florida Retirement System (the "FRS"), a multiple-employer, cost-sharing, defined-benefit retirement plan, or defined-contribution retirement plan, administered by the Florida Department of Administration, Division of Retirement. As a general rule, membership in the FRS is compulsory for all employees working in a regular, established position for a state agency, county government, district school board, state university, community college or a participating city or special district within the state of Florida. The FRS provides retirement and disability benefits, annual cost-of-living adjustments and death benefits to plan members and beneficiaries. Employees are classified in either the regular service class or the senior management service class ("SMSC"). The SMSC is for members who fill senior-level management positions. Employees classified as SMSC may opt out of participation in the FRS. Benefits are established by Chapter 121, Florida Statutes, and Chapter 60S, Florida Administrative Code. Amendments to the law can be made only by an act of the Florida Legislature.

Retiree Health Insurance Subsidy (HIS) Program – Employees of CFX also participate in the Retiree Health Insurance Subsidy (HIS) Program, which is a cost-sharing, multiple-employer defined-benefit pension plan established and administered in accordance with Section 112.363, Florida Statutes. The benefit is a monthly payment to assist retirees of the state-administered retirement systems in paying their health insurance costs. Eligible retirees and beneficiaries receive a monthly HIS payment equal to the number of years of service credited at retirement multiplied by \$5. The minimum payment is \$30 and the maximum payment is \$150 per month, pursuant to Section 112.363, Florida Statutes. To be eligible to receive a HIS benefit, a retiree under one of the state-administered retirement systems must provide proof of eligible health insurance coverage, which can include Medicare.

Public Employee Optional Retirement Program - Employees may participate in the Public Employee Optional Retirement Program (the "Investment Plan"), a defined-contribution retirement program, in lieu of participation in the defined-benefit retirement plan ("Pension Plan"). If the Investment Plan is elected, active membership in the defined-benefit retirement plan is terminated. Eligible members of the Investment Plan are vested at one year of service and receive a contribution for self-direction in an investment product with a third-party administrator selected by the State Board of Administration. The contribution rates for both fiscal 2019 and 2018 were 6.3% for regular class and 7.67% for senior management class.

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**CENTRAL FLORIDA EXPRESSWAY AUTHORITY
NOTES TO FINANCIAL STATEMENTS
Years Ended June 30, 2019 and 2018**

Note 8 - Retirement Plans (Continued)

Benefits Provided – For employees in FRS, benefits are computed on the basis of age, average final compensation and service credit. Regular class and senior management class employees who were enrolled in the FRS prior to July 1, 2011 and retire at or after age 62 with at least six years of credited service, or 30 years of service, regardless of age, are entitled to a retirement benefit payable monthly for life, based on their final average compensation of their five highest fiscal years of pay for each year of credited service. Employees enrolled on or after July 1, 2011 and who retire at or after age 65 with at least eight years of credited service, or 33 years of service, regardless of age, are entitled to a retirement benefit payable monthly for life, as explained above based on their eight highest fiscal years of pay. Using their date of enrollment as a basis, vested employees with less than the minimum years of service may retire before the minimum age and receive reduced retirement benefits. A post-retirement health insurance subsidy is also provided to eligible retired employees through the FRS defined benefit, in accordance with Florida Statutes.

In addition to the above benefits, the FRS administers a Deferred Retirement Option Program ("DROP"). This program allows eligible employees to defer receipt of monthly retirement benefit payments, while continuing employment with an FRS employer for a period not to exceed 60 months after electing to participate. Deferred monthly benefits are held in the FRS Trust Fund and accrue interest.

Contributions - Starting on July 1, 2011, Chapter 2011-68 of the Laws of Florida required members of the FRS not enrolled in DROP to contribute 3% of their salary to their retirement. Governmental employers are required to make contributions to the FRS based on statewide contribution rates. The fiscal year 2019 contribution rate applied to regular employee salaries was 8.26%, including 1.66% for a post-retirement health insurance subsidy ("HIS"). The fiscal year 2018 contribution rate was 7.92%, which included 1.66% for HIS. The fiscal year 2019 contribution rate applied to senior management salaries was 24.06%, including 1.66% HIS. The fiscal year 2018 contribution rate was 22.71%, which included 1.66% for HIS. The fiscal year 2019 contribution rate applied to the salaries of the employees in DROP was 14.03%, including 1.66% for HIS. The fiscal year 2018 contribution rate was 13.26%, which included 1.66% for HIS.

CFX's actual contributions to the FRS for the fiscal years ended June 30, 2019 and 2018 were \$896,000 and \$790,000, respectively. Employee contributions were \$212,000 and \$195,000 for the fiscal years ended June 30, 2019 and 2018, respectively.

Pension Liabilities, Pension Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions

CFX reported a liability of \$8,312,000 and \$7,979,000, at June 30, 2019 and 2018, respectively, for its proportionate share of the net pension liability of FRS and HIS. The net pension liability as of June 30, 2019 and 2018 was measured as of June 30, 2018 and 2017, respectively, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of those dates. CFX's proportion of the net pension liability was based on CFX's historical employer contributions to the pension plans for fiscal year 2017 and 2018 relative to the historical contributions of all participating employers. At June 30, 2018, CFX's proportion was 0.0205% and 0.0202% for FRS and HIS, respectively, which was an increase of 0.0004% and an increase of 0.0013% from its respective proportion measured as of June 30, 2017.

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**CENTRAL FLORIDA EXPRESSWAY AUTHORITY
NOTES TO FINANCIAL STATEMENTS
Years Ended June 30, 2019 and 2018**

Note 8 - Retirement Plans (Continued)

At June 30, 2017, CFX's proportion was 0.0201% and 0.0189% for FRS and HIS, respectively, which was an increase of 0.001% and an increase of 0.0016% from its respective proportion measured as of June 30, 2016.

For the year ended June 30, 2019, CFX recognized pension expense of \$1,356,000 and \$223,000, for FRS and HIS, respectively. For the year ended June 30, 2018, CFX recognized pension expense of \$1,278,000 and \$200,000, for FRS and HIS, respectively.

At June 30, 2019 and June 30, 2018, CFX reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources (in thousands):

	As of June 30, 2019	
	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between expected and actual experience	\$ 556	\$ 23
Changes of assumptions	2,257	226
Differences between projected and actual earnings on pension plan investments	-	477
Changes in proportion	959	7
CFX contributions subsequent to the measurement date	805	-
Total	<u>\$ 4,577</u>	<u>\$ 733</u>

	As of June 30, 2018	
	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between expected and actual experience	\$ 547	\$ 37
Changes of assumptions	2,286	175
Differences between projected and actual earnings on pension plan investments	1	148
Changes in proportion	1,127	10
CFX contributions subsequent to the measurement date	694	-
Total	<u>\$ 4,655</u>	<u>\$ 370</u>

\$805,000 and \$694,000 reported as deferred outflows of resources related to pensions resulting from CFX contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability in the year ending June 30, 2020 and June 30, 2019 respectively.

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**CENTRAL FLORIDA EXPRESSWAY AUTHORITY
NOTES TO FINANCIAL STATEMENTS
Years Ended June 30, 2019 and 2018**

Note 8 - Retirement Plans (Continued)

Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense as follows (in thousands):

Years Ending June 30:	Amount
2020	\$ 665
2021	538
2022	457
2023	418
2024	369
Thereafter	592

Actuarial Assumptions – The actuarial assumptions that determined the total pension liability as of June 30, 2019 and June 30, 2018, were based on the results of an actuarial experience study for the period July 1, 2008 – June 30, 2013.

Valuation date	July 1, 2017	July 1, 2018
Measurement date	June 30, 2017	June 30, 2018
Inflation	2.60%	2.60%
Salary increases, including inflation	3.25%	3.25%
Mortality	Generational RP-2000 with Projection Scale BB	Generational RP-2000 with Projection Scale BB
Actuarial Cost Method	Individual Entry Age	Individual Entry Age

The long-term expected rate of return, net of investment expense on pension plan investments was 7.00% and 7.10% as of June 30, 2018 and June 30, 2017 respectively. This rate was determined using a forward-looking capital market economic model. The table below shows the assumptions for each of the asset classes in which the plan was invested at that time based on the long-term target asset allocation. The allocation policy's description of each asset class was used to map the target allocation to the asset classes shown below. Each asset class assumption is based on a consistent set of underlying assumptions and includes an adjustment for the inflation assumption. The expected real rate of return is presented in arithmetic means.

Asset Class	Target Allocation	Annual Arithmetic Return
Cash	1%	2.9%
Fixed Income	18%	4.4%
Global equity	54%	7.6%
Real Estate (property)	11%	6.6%
Private equity	10%	10.7%
Strategic investments	6%	6.0%
Total	100.00%	

"DRAFT FOR DISCUSSION PURPOSES ONLY"

**CENTRAL FLORIDA EXPRESSWAY AUTHORITY
NOTES TO FINANCIAL STATEMENTS
Years Ended June 30, 2019 and 2018**

Note 8 - Retirement Plans (Continued)

Discount Rate – The discount rate used to measure the total pension liability was 7.00% and 7.10% for FRS for June 30, 2018 and June 30, 2017 respectively. The discount rate used to measure the total pension liability was 3.87% and 3.58% for HIS as of June 30, 2018 and June 30, 2017 respectively. For FRS, the plan's fiduciary net position was projected to be available to make all projected future benefit payments of current active and inactive employees. Therefore, the discount rate for calculating the total pension liability is equal to the long-term expected rate of return. Because the HIS benefit is essentially funded on a pay-as-you-go basis, the depletion date is considered to be immediate, and the single equivalent discount rate is equal to the municipal bond rate selected by the plan sponsor.

Sensitivity of CFX's Proportionate Share of the Net Pension Liability to Changes in the Discount Rate – The following presents CFX's proportionate share of the net pension liability calculated using the discount rate of 7.00% and 7.10% for FRS for June 30, 2018 and June 30, 2017 respectively. The discount rate of 3.87% and 3.58% was used for HIS for June 30, 2018 and June 30, 2017 respectively. The following also presents what CFX's proportionate share of the net pension liability would be at June 30, 2019 and 2018 if it were calculated using a discount rate that is 1 percentage point lower or 1 percentage point higher than the respective current rate:

As of June 30, 2019			
FRS			
	1% Decrease 6.0%	Current Discount Rate 7.0%	1% Increase 8.0%
CFX's proportionate share of the net pension liability (asset)	\$ 11,278,799	\$ 6,177,976	\$ 1,945,186
HIS			
	1% Decrease 2.87%	Current Discount Rate 3.87%	1% Increase 4.87%
CFX's proportionate share of the net pension liability (asset)	\$ 2,430,551	\$ 2,134,044	\$ 1,886,888

As of June 30, 2018			
FRS			
	1% Decrease 6.1%	Current Discount Rate 7.1%	1% Increase 8.1%
CFX's proportionate share of the net pension liability (asset)	\$ 10,783,597	\$ 5,957,987	\$ 1,951,626
HIS			
	1% Decrease 2.58%	Current Discount Rate 3.58%	1% Increase 4.58%
CFX's proportionate share of the net pension liability (asset)	\$ 2,305,742	\$ 2,020,574	\$ 1,783,044

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**CENTRAL FLORIDA EXPRESSWAY AUTHORITY
NOTES TO FINANCIAL STATEMENTS
Years Ended June 30, 2019 and 2018**

Note 8 - Retirement Plans (Continued)

Change in Net Pension Liability - The following is a summary of changes in net pension liability (in thousands):

	<u>June 30, 2018</u>	<u>Additions</u>	<u>Deletions</u>	<u>June 30, 2019</u>	<u>Due Within One year</u>
Net pension liability	\$ 7,979	\$ 5,712	\$ 5,379	\$ 8,312	\$ -

	<u>June 30, 2017</u>	<u>Additions</u>	<u>Deletions</u>	<u>June 30, 2018</u>	<u>Due Within One year</u>
Net pension liability	\$ 6,830	\$ 5,489	\$ 4,340	\$ 7,979	\$ -

Pension Plan Fiduciary Net Position – Detailed information about FRS and HIS fiduciary net position is available in the separately issued FRS financial report. The latest available report may be obtained by writing to the Department of Management Services, Office of the Secretary, 4050 Esplanade Way, Tallahassee, FL 32399-0950 or from the website:
http://www.dms.myflorida.com/workforce_operations/retirement/publications

Note 9 - Risk Management

CFX is exposed to various risks of loss related to torts; theft of, damage to, and destruction of assets; errors and omissions; injuries to employees; and natural disasters for which CFX purchases commercial insurance.

No settlements have exceeded coverage levels in place during 2017, 2018 and 2019.

CFX is covered by the State of Florida's State Group Insurance program, a risk management pool to which risk is transferred in exchange for annual premium payments.

REQUIRED SUPPLEMENTARY INFORMATION

"DRAFT FOR DISCUSSION PURPOSES ONLY"

**CENTRAL FLORIDA EXPRESSWAY AUTHORITY
Trend Data on Infrastructure Condition**

CFX elected to use the modified approach to account for maintenance of its infrastructure assets starting in fiscal year 1997. The FDOT annually inspects CFX's roadways. The FDOT utilizes the Maintenance Rating Program (the "MRP") to assess the condition of the System. Copies of the MRP manual may be obtained from the State Maintenance Office, 605 Suwannee Street, Mail Station 52, Tallahassee, FL 32399-0450. The MRP manual provides a uniform evaluation system for maintenance features of the State Highway System. The roadways are rated on a 100-point scale, with 100 meaning that every aspect of the roadway is in new and perfect condition. CFX's System, as a whole, is given an overall rating, indicating the average condition of all roadways operated by CFX. The assessment of condition is made by visual and mechanical tests designed to reveal any condition that would reduce highway-user benefits below the maximum level of service. CFX's policy is to maintain the roadway condition at a MRP rating of 80 or better. The results of the last three completed inspections are as follows:

Evaluation Period	
Fiscal Year	Rating
2019	91%
2018	92%
2017	89%

The budget-to-actual expenditures for preservation for the past five years are as follows:

Fiscal Year	Budget	Actual
	<i>(in thousands)</i>	
2019	\$ 44,000	\$ 21,586
2018	31,850	33,837
2017	38,487	22,447
2016	42,406	15,964
2015	26,085	3,975

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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
Schedule of CFX's Proportionate Share of the Net Pension Liability

Florida Retirement System (FRS) Defined Benefit Pension Plan
(in thousands)

CFX Fiscal Year Ending June 30,	Plan Sponsor Measurement Date June 30,	CFX's Proportion of the FRS Net Pension Liability	CFX's Proportionate Share of the FRS Net Pension Liability	CFX's Covered Payroll	CFX's Proportionate Share of the FRS Net Pension Liability as a Percentage of Covered Payroll	FRS Plan Fiduciary Net Position as a Percentage of Total Pension Liability
2019	2018	0.0205%	\$ 6,180	\$ 4,250	145.41%	84.26%
2018	2017	0.0201%	5,958	4,093	145.57%	83.89%
2017	2016	0.0191%	4,812	3,746	128.46%	84.88%
2016	2015	0.0174%	2,249	3,212	70.02%	92.00%
2015	2014	0.0157%	959	2,987	32.11%	96.09%
2014	2013	0.0091%	1,566	2,985	52.46%	88.54%

Retiree Health Insurance Subsidy (HIS) Program Defined Benefit Pension Plan
(in thousands)

CFX Fiscal Year Ending June 30,	Plan Sponsor Measurement Date June 30,	CFX's Proportion of the HIS Net Pension Liability	CFX's Proportionate Share of the HIS Net Pension Liability	CFX's Covered Payroll	CFX's Proportionate Share of the HIS Net Pension Liability as a Percentage of Covered Payroll	HIS Plan Fiduciary Net Position as a Percentage of Total Pension Liability
2019	2018	0.0202%	\$ 2,134	\$ 6,585	32.41%	2.15%
2018	2017	0.0189%	2,021	6,023	33.55%	1.64%
2017	2016	0.0173%	2,018	5,345	37.75%	0.97%
2016	2015	0.0157%	1,603	4,769	33.61%	0.50%
2015	2014	0.0152%	1,418	4,507	31.46%	0.99%
2014	2013	0.0154%	1,343	4,482	29.96%	1.78%

Notes:

- 1) This schedule is intended to show information for ten years; however, data was unavailable prior to 2014. Additional years' information will be presented as it becomes available.

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**CENTRAL FLORIDA EXPRESSWAY AUTHORITY
Schedule of CFX Contributions**

Florida Retirement System (FRS) Defined Benefit Pension Plan
(in thousands)

Fiscal Year Ending June 30,	FRS Contributions in Relation to the		FRS Contribution Deficiency (Excess)	CFX's Covered Payroll	FRS Contributions as a Percentage of Covered Payroll
	Contractually Required Contribution	Contractually Required Contribution			
2019	\$ 685	\$ 685	\$ -	\$ 4,712	14.54%
2018	585	585	-	4,250	13.76%
2017	524	524	-	4,093	12.80%
2016	465	465	-	3,746	12.41%
2015	424	424	-	3,212	13.20%
2014	344	344	-	2,987	11.52%

Retiree Health Insurance Subsidy (HIS) Program Defined Benefit Pension Plan
(in thousands)

Fiscal Year Ending June 30,	HIS Contributions in Relation to the		HIS Contribution Deficiency (Excess)	CFX's Covered Payroll	HIS Contributions as a Percentage of Covered Payroll
	Contractually Required Contribution	Contractually Required Contribution			
2019	\$ 119	\$ 119	\$ -	\$ 7,147	1.67%
2018	109	109	-	6,585	1.66%
2017	100	100	-	6,023	1.66%
2016	89	89	-	5,345	1.67%
2015	60	60	-	4,769	1.26%
2014	52	52	-	4,507	1.15%

Notes:

- 1) This schedule is intended to show information for ten years; however, data was unavailable prior to 2014. Additional years' information will be presented as it becomes available.

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OTHER SUPPLEMENTARY INFORMATION

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CENTRAL FLORIDA EXPRESSWAY AUTHORITY
Calculation of the Composite Debt Service Ratio, as Defined
by the Bond Resolutions and Related Documents

		Years Ended June 30,	
		2019	2018
		(in thousands)	
Schedule 1			
Revenues:			
Tolls		\$ 463,236	\$ 441,767
Fees tied to revenue collection		9,917	7,728
Transponder sales		648	297
Other operating		1,482	1,631
Interest		6,458	3,642
Miscellaneous		914	1,011
Total revenues		482,655	456,076
Expenses:			
Operations		62,123	53,373
Maintenance		17,753	17,606
Administration		8,447	7,743
Other operating		3,317	2,248
Total expenses		91,640	80,970
Add deposits into OMA reserve		1,086	735
Less advances allowable for operations and maintenance expenses received from FDOT		(7,041)	(6,930)
Net expenses		85,685	74,775
Net revenues, as defined, inclusive of advances received from the FDOT		\$ 396,970	\$ 381,301
Senior lien debt service payments		\$ 170,170	\$ 164,563
Senior lien debt service ratio of net revenues to debt service payments		2.33	2.32
Subordinate Payments			
SIB Loan Payment		\$ -	\$ 1,075
SunTrust Bank Loan Payment		7,473	6,851
Total Subordinate Payments		\$ 7,473	\$ 7,926
Subordinate Debt Service Ratio*		2.23	2.21

*These calculations are done according to the Master Subordinate Lien Resolution.

Note: Revenues and expenses are presented on this schedule on the accrual basis in accordance with accounting principles generally accepted in the United States of America. Certain amounts included on the statement of revenues, expenses, and changes in net position are not part of net revenues, as defined, and are, therefore, excluded from this schedule.

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**REPORTS ON COMPLIANCE
AND INTERNAL CONTROL**



**INDEPENDENT AUDITOR'S REPORT ON INTERNAL CONTROL OVER
FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS
BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN
ACCORDANCE WITH *GOVERNMENT AUDITING STANDARDS***

To the Members of the
Central Florida Expressway Authority
Orlando, Florida

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the basic financial statements, as listed in the table of contents, of the Central Florida Expressway Authority (CFX) as of and for the year ended June 30, 2019, and have issued our report thereon dated [DATE].

Internal Control over Financial Reporting

In planning and performing our audit of the financial statements, we considered CFX's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of CFX's internal control. Accordingly, we do not express an opinion on the effectiveness of CFX's internal control.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A *material weakness* is a deficiency, or combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected, on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control over financial reporting that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

To the Members of the
Central Florida Expressway Authority

Compliance and Other Matters

As part of obtaining reasonable assurance about whether CFX's financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit and, accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Pursuant to provisions of Chapter 10.550, *Rules of the Auditor General*, we reported certain matters to management in a separate management letter and Independent Accountant's Report dated [DATE].

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of CFX's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering CFX's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

MOORE STEPHENS LOVELACE, P.A.
Certified Public Accountants

Orlando, Florida
[DATE]



**INDEPENDENT AUDITOR'S REPORT
ON COMPLIANCE WITH BOND COVENANTS**

To the Members of the
Central Florida Expressway Authority
Orlando, Florida

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the basic financial statements, as listed in the table of contents, of the Central Florida Expressway Authority (CFX) as of and for the year ended June 30, 2019, and have issued our report thereon dated [DATE].

Other Matter

In connection with our audit, nothing came to our attention that caused us to believe that CFX failed to comply with the terms, covenants, provisions, or conditions of Sections 5.2, 5.5 to 5.7, 5.9, 5.10, 5.12, and 5.17, inclusive of the Amended and Restated Master Bond Resolution dated February 3, 2003, insofar as they relate to accounting matters. However, our audit was not directed primarily toward obtaining knowledge of such noncompliance. Accordingly, had we performed additional procedures, other matters may have come to our attention regarding CFX's noncompliance with the above-referenced terms, covenants, provisions, or conditions of the Amended and Restated Master Bond Resolution, insofar as they relate to accounting matters.

Restricted Use Relating to the Other Matter

This communication related to compliance with the aforementioned Amended and Restated Master Bond Resolution report is intended solely for the information and use of CFX members, management, and the bondholders and is not intended to be, and should not be, used by anyone other than these specified parties.

MOORE STEPHENS LOVELACE, P.A.
Certified Public Accountants

Orlando, Florida
[DATE]



INDEPENDENT ACCOUNTANT'S REPORT

To the Members of the
Central Florida Expressway Authority
Orlando, Florida

We have examined the compliance of the Central Florida Expressway Authority (CFX) with the requirements of Section 218.415, Florida Statutes, during the fiscal year ended June 30, 2019. Management is responsible for CFX's compliance with those requirements. Our responsibility is to express an opinion on CFX's compliance based on our examination.

Our examination was conducted in accordance with attestation standards established by the American Institute of Certified Public Accountants and, accordingly, included examining, on a test basis, evidence about CFX's compliance with those requirements and performing such other procedures as we considered necessary in the circumstances. We believe that our examination provides a reasonable basis for our opinion. Our examination does not provide a legal determination on CFX's compliance with specified requirements.

In our opinion, CFX complied, in all material respects, with the aforementioned requirements for the fiscal year ended June 30, 2019.

MOORE STEPHENS LOVELACE, P.A.
Certified Public Accountants

Orlando, Florida
[DATE]



MANAGEMENT LETTER

To the Members of the
Central Florida Expressway Authority
Orlando, Florida

Report on the Financial Statements

We have audited the financial statements of Central Florida Expressway Authority (CFX) as of and for the fiscal year ended June 30, 2019, and have issued our report thereon dated [DATE].

Auditor's Responsibility

We conducted our audit in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States of America; the audit requirements of Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance); and Chapter 10.550, *Rules of the Auditor General*.

Other Reporting Requirements

We have issued our Independent Auditor's Report on Internal Control over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with *Governmental Auditing Standards*; Independent Auditor's Report on Compliance for Each Major Federal Program and Report on Internal Control over Compliance; Schedule of Findings and Questioned Costs; Independent Auditor's Report on Compliance with Bond Covenants; and Independent Accountant's Report on an examination conducted in accordance with *AICPA Professional Standards*, AT-C Section 315, regarding compliance requirements in accordance with Chapter 10.550, *Rules of the Auditor General*. Disclosures in those reports and schedule, which are dated [DATE], should be considered in conjunction with this management letter.

Prior Audit Findings

Section 10.554(1)(i)1., *Rules of the Auditor General*, requires that we determine whether or not corrective actions have been taken to address findings and recommendations made in the preceding annual financial audit report. There were no findings or recommendations made in the preceding annual financial report.

Official Title and Legal Authority

Section 10.554(1)(i)4., *Rules of the Auditor General*, requires that the name or official title and legal authority for the primary government and each component unit of the reporting entity be disclosed in this management letter, unless disclosed in the notes to the financial statements. The legal authority is disclosed in the notes to the financial statements.

To the Members of the
Central Florida Expressway Authority

Financial Condition

Sections 10.554(1)(i)5.a. and 10.556(7), *Rules of the Auditor General*, require us to apply appropriate procedures and report the results of our determination as to whether or not CFX has met one or more of the conditions described in Section 218.503(1), Florida Statutes, and identification of the specific condition(s) met. In connection with our audit, we determined that CFX did not meet any of the conditions described in Section 218.503(1), Florida Statutes.

Pursuant to Sections 10.554(1)(i)5.b. and 10.556(8), *Rules of the Auditor General*, we applied financial condition assessment procedures for CFX. It is management's responsibility to monitor CFX's financial condition, and our financial condition assessment was based, in part, on representations made by management and the review of financial information provided by same.

Section 10.554(1)(i)2., *Rules of the Auditor General*, requires that we communicate any recommendations to improve financial management. In connection with our audit, we did not have any such recommendations.

Special District Component Units

Section 10.554(1)(i)5.c., *Rules of the Auditor General*, requires that we determine whether or not a special district that is a component unit of a county, municipality, or special district, provided the financial information necessary for proper reporting of the component unit, within the audited financial statements of the county, municipality, or special district in accordance with Section 218.39(3)(b), Florida Statutes. There were no special district component units that were required to provide financial information to CFX for the fiscal year ended June 30, 2019.

Additional Matters

Section 10.554(1)(i)3., *Rules of the Auditor General*, requires us to communicate noncompliance with provisions of contracts or grant agreements, or abuse, that have occurred, or are likely to have occurred, that have an effect on the financial statements that is less than material but which warrants the attention of those charged with governance. In connection with our audit, we did not note any such findings.

Purpose of this Letter

Our management letter is intended solely for the information and use of the Legislative Auditing Committee, members of the Florida Senate and the Florida House of Representatives, the Florida Auditor General, federal and other granting agencies, the members of CFX's Board, and applicable management, and is not intended to be, and should not be, used by anyone other than these specified parties.

MOORE STEPHENS LOVELACE, P.A.
Certified Public Accountants

Orlando, Florida
[DATE]

**CENTRAL FLORIDA
EXPRESSWAY AUTHORITY
SCHEDULE OF EXPENDITURES
OF FEDERAL AWARDS**

For the Year Ended June 30, 2019

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**INDEPENDENT AUDITOR'S REPORT ON COMPLIANCE FOR EACH
MAJOR FEDERAL PROGRAM AND ON INTERNAL CONTROL OVER
COMPLIANCE AND REPORT ON SCHEDULE OF EXPENDITURES OF
FEDERAL AWARDS REQUIRED BY THE UNIFORM GUIDANCE**

To the Members of the
Central Florida Expressway Authority
Orlando, Florida

Report on Compliance for Each Major Federal Program

We have audited the compliance of the Central Florida Expressway Authority (CFX) with the types of compliance requirements described in the U.S. Office of Management and Budget ("OMB") *Compliance Supplement* that could have a direct and material effect on CFX's major federal program for the year ended June 30, 2019. CFX's major federal program is identified in the summary of auditor's results section of the accompanying schedule of findings and questioned costs.

Management's Responsibility

Management is responsible for compliance with the requirements of laws, regulations, contracts, and grants applicable to its federal program.

Auditor's Responsibility

Our responsibility is to express an opinion on CFX's compliance based on our audit. We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States; and the audit requirements of Title 2 U.S. *Code of Federal Regulations*, Part 200, *Uniform Administrative Requirements, Cost Principles, and the Audit Requirements for Federal Awards* ("Uniform Guidance"). Those standards and the Uniform Guidance require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on the major federal program identified in the accompanying schedule of findings and questioned costs occurred. An audit includes examining, on a test basis, evidence about CFX's compliance with those requirements and performing such other procedures as we considered necessary in the circumstances.

We believe that our audit provides a reasonable basis for our opinion on compliance for the major federal program. However, our audit does not provide a legal determination of CFX's compliance.

Opinion on Each Major Federal Program

In our opinion, CFX complied, in all material respects, with the types of compliance requirements referred to above that could have a direct and material effect on its major federal for the year ended June 30, 2019.

To the Members of the
Central Florida Expressway Authority

Report on Internal Control over Compliance

The management of CFX is responsible for establishing and maintaining effective internal control over compliance with the types of requirements referred to above. In planning and performing our audit, we considered CFX's internal control over compliance with the requirements that could have a direct and material effect on its major federal program to determine the auditing procedures that are appropriate in the circumstances for the purpose of expressing an opinion on compliance for its major federal program and to test and report on internal control over compliance in accordance with the Uniform Guidance, but not for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, we do not express an opinion on the effectiveness of CFX's internal control over compliance.

A deficiency in internal control over compliance exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, noncompliance with a type of compliance requirement of a federal program on a timely basis. *A material weakness in internal control over compliance* is a deficiency, or combination of deficiencies, in internal control over compliance, such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected on a timely basis. *A significant deficiency in internal control over compliance* is a deficiency, or a combination of deficiencies, in internal control over compliance with a type of compliance requirement of a federal program that is less severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance.

Our consideration of internal control over compliance was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

The purpose of this report on internal control over compliance is solely to describe the scope of our testing of internal control over compliance and the results of that testing based on the requirements of the Uniform Guidance. Accordingly, this report is not suitable for any other purpose.

Report on Schedule of Expenditures of Federal Awards Required by the Uniform Guidance

We have audited the financial statements of CFX as of and for the year ended June 30, 2019, and the related notes to the financial statements, which collectively comprise CFX's basic financial statements. We have issued our report thereon dated [DATE], which contained an unmodified opinion on those financial statements. Our audit was conducted for the purpose of forming an opinion on the financial statements that collectively comprise the basic financial statements. The accompanying schedule of expenditures of federal awards is presented for the purposes of additional analysis, as required by the Uniform Guidance and is not a required part of the basic financial statements.

"DRAFT FOR DISCUSSION PURPOSES ONLY"

To the Members of the
Central Florida Expressway Authority

Report on Schedule of Expenditures of Federal Awards Required by the Uniform Guidance (Cont.)

Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the schedule of expenditures of federal awards is fairly stated, in all material respects, in relation to the basic financial statements as a whole.

MOORE STEPHENS LOVELACE, P.A.
Certified Public Accountants

Orlando, Florida
[DATE]

"DRAFT FOR DISCUSSION PURPOSES ONLY"

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
Schedule of Expenditures of Federal Awards
For the Year Ended June 30, 2019

Grantor/Federal Program Title	CFDA Number	Expenditures
U.S. Department of Transportation		
Transportation Infrastructure Finance and Innovation Act (TIFIA) Program	20.223	<u>\$ 193,695,000</u>
TOTAL EXPENDITURES OF FEDERAL AWARDS		<u><u>\$ 193,695,000</u></u>

See accompanying notes to Schedule of Expenditures of Federal Awards

"DRAFT FOR DISCUSSION PURPOSES ONLY"

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

FOR THE YEAR ENDED JUNE 30, 2019

1. Basis of Presentation

The Schedule of Expenditures of Federal Awards (the "Schedule") represents the loan amount received from Federal Programs during the 2019 fiscal year. Expenditures related to the project were incurred in prior fiscal years based on the accrual basis of accounting. The amount reported on the Schedule has been reconciled to and is in material agreement with the amount recorded in the CFX's accounting records from which the basic financial statements have been reported.

2. Contingency

The grant revenue amounts received are subject to audit and adjustment. If any expenditures are disallowed by a grantor agency as result of such an audit, any claim for reimbursement to the grantor agencies would become a liability of CFX. In the opinion of management, all grant expenditures are in compliance with the terms of the grant agreements and applicable federal and state laws and regulations.

3. Indirect Cost Rate Election

CFX did not elect to use the de minimis rate of 10% for determining indirect cost amounts for its federal programs.

"DRAFT FOR DISCUSSION PURPOSES ONLY"

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Schedule of Findings and Questioned Costs

For the Year Ended June 30, 2019

Section I - Summary of Independent Auditor's Results

Financial Statements

Type of Auditor's Report Issued:

Unmodified Opinion

Internal control over financial reporting:

- Material weakness(es) identified? ☐ Yes ☒ No
- Significant deficiency(ies) identified? ☐ Yes ☒ None reported
- Noncompliance material to financial statements noted? ☐ Yes ☒ No

Federal Awards

Internal control over the major federal program:

- Material weakness(es) identified? ☐ Yes ☒ No
- Significant deficiency(ies) identified? ☐ Yes ☒ None reported

Type of report issued on compliance for the major federal program:

Unmodified Opinion

Any audit findings disclosed that are required to be reported in accordance with 2 CFR Section 200.516(a) of the Uniform Guidance?

☐ Yes ☒ No

Identification of the Major Federal Program:

CFDA Numbers

Name of Federal Program

20.223

Transportation Infrastructure Finance and Innovation Act (TIFIA) Program

Dollar threshold used to distinguish between Type A and Type B programs:

Federal: \$750,000

Auditee qualified as low-risk auditee? ☐ Yes ☒ No

"DRAFT FOR DISCUSSION PURPOSES ONLY"

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
Schedule of Findings and Questioned Costs (*Continued*)
For the Year Ended June 30, 2019

Section II - Financial Statement Findings

None Reported.

Section III - Federal Award Findings and Questioned Costs Section

None Reported.

Section IV - Prior Year Audit Findings

None Reported.



**INDEPENDENT AUDITOR'S REPORT ON INTERNAL CONTROL OVER
FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS
BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN
ACCORDANCE WITH *GOVERNMENT AUDITING STANDARDS***

To the Members of the
Central Florida Expressway Authority
Orlando, Florida

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the basic financial statements, as listed in the table of contents, of the Central Florida Expressway Authority (CFX) as of and for the year ended June 30, 2019, and have issued our report thereon dated [DATE].

Internal Control over Financial Reporting

In planning and performing our audit of the financial statements, we considered CFX's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of CFX's internal control. Accordingly, we do not express an opinion on the effectiveness of CFX's internal control.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A *material weakness* is a deficiency, or combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected, on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control over financial reporting that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

To the Members of the
Central Florida Expressway Authority

Compliance and Other Matters

As part of obtaining reasonable assurance about whether CFX's financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit and, accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Pursuant to provisions of Chapter 10.550, *Rules of the Auditor General*, we reported certain matters to management in a separate management letter and Independent Accountant's Report dated [DATE].

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of CFX's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering CFX's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

MOORE STEPHENS LOVELACE, P.A.
Certified Public Accountants

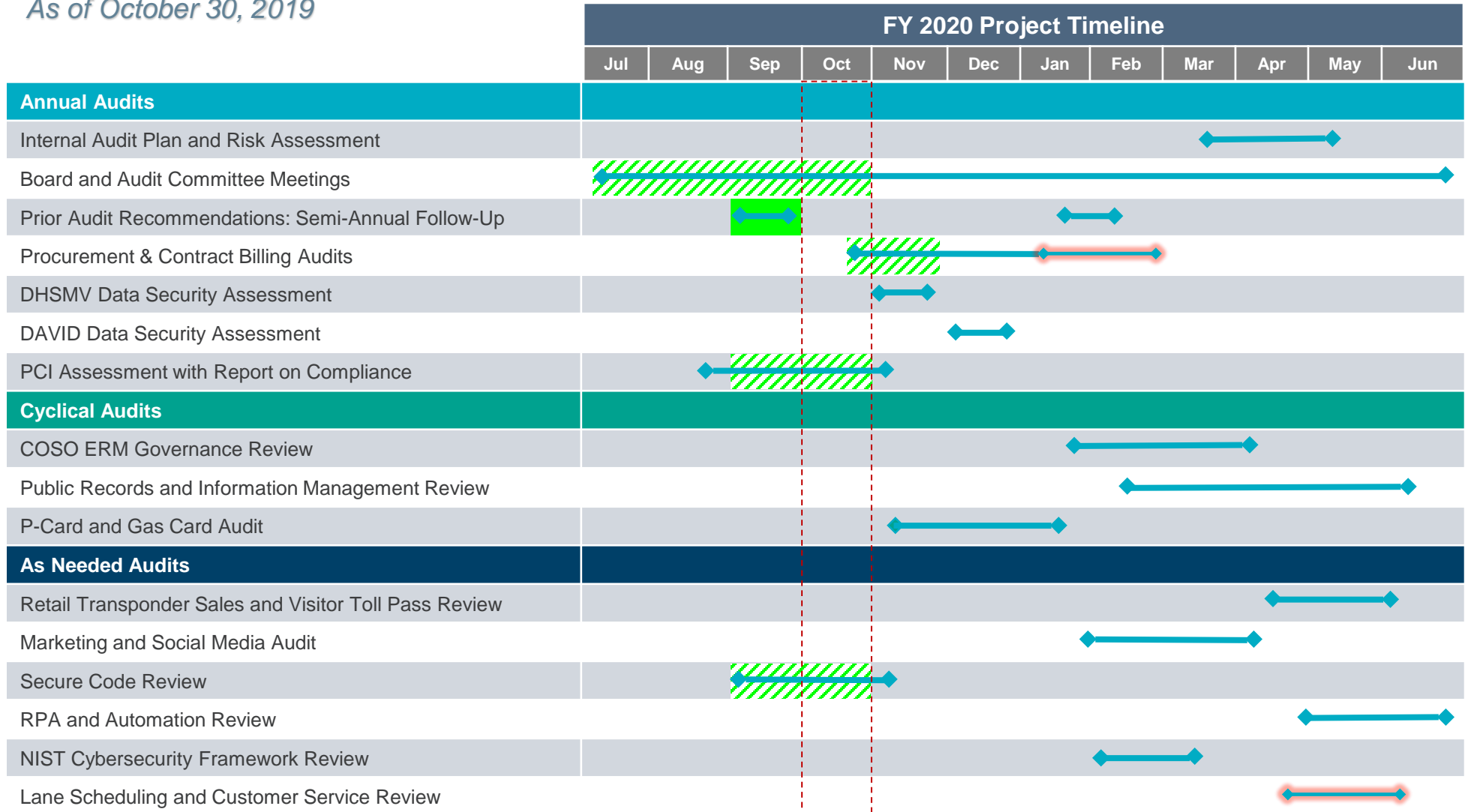
Orlando, Florida
[DATE]




E.1

Status Update: Fiscal 2020 Internal Audit Plan

FY 2020 Internal Audit Dashboard

As of October 30, 2019



 Plan
  Revised Plan
  Complete
  In-Process

E.2.a

Fiscal 2019 IT Project Management Review

IT Project Management Review

Central Florida Expressway Authority

June 2019

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III.	Approach to Evaluation of Results	4
IV.	Summary of Improvement Opportunities	5
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2019 IT Project Management Review

I. Executive Summary

Background

During the period between April 9th and May 15th, 2019, Internal Audit (“IA”) performed an IT Project Management review for Central Florida Expressway Authority (“CFX”). CFX’s IT Management requested this project be included in the audit plan to understand where improvement opportunities exist within its project management practices. CFX’s growth in recent years has necessitated a more formalized project management structure. As CFX continues to grow, project management is essential in maintaining a consistent repeatable approach to manage projects throughout their lifecycle. Strong project management processes allow an organization to streamline the intake, prioritization, coordination of resources, and execution of projects to give the organization planning, risk, and objective measurement capabilities throughout the project lifecycle.

Overview

This report represents the improvement opportunities and recommendations based on the IT Project Management Review conducted by IA for CFX. IA reviewed the existing IT Project Management Plan as well as related policies, procedures, and supporting tools within the environment used to assist in the intake, planning, resource management, execution, and completion of projects.

Summary of Improvement Opportunities

As a result of this review, IA identified four (4) improvement opportunities. The observations describe issues with the overall project management practices at CFX. Specifically:

- A project management framework, including supporting protocols and documents, is not yet formalized.
- Formalized project intake processes could be improved to allow CFX to prioritize, resource, and initiate projects in a consistent manner.
- Portfolio management capabilities can be developed or implemented to manage initiatives, programs, and projects throughout their lifecycle.
- Resource management procedures can be enhanced to track internal and external resources and their current project workload.

Summary of Recommendations

To address the above issues, CFX should consider:

- Formalizing a project management framework to which all projects are subject such that projects are managed and governed in a consistent manner.

2019 IT Project Management Review

- Formalizing the project intake process so that a succinct method of requesting projects from IT exists. This process can include specifics such as the requestor, business case, priority, scope and requirements, risks and assumptions, budgets, and stakeholders.
- Continuing plans to implement the portfolio management function within the Cherwell application to track programs and projects within the IT portfolio to ensure projects are coordinated and monitored effectively allowing for risks and setbacks to be identified in a timely manner.
- Developing a formal resource planning and tracking system or process to identify current resource availability and capacity.

2019 IT Project Management Review

II. Scope and Approach

Scope

The scope of this project was the IT Project Management program at CFX. CFX currently manages project lifecycles utilizing Microsoft Project and Cherwell as project management tools to assist in the intake, planning, resource management, and completion of projects.

Approach





IA took the following approach during this review:

- Project intake and demand management
 - Assessed the way requests are received and accepted, both from the business (functionality or performance requests) and internally from IT (proactive technology implementation or continuous improvement)
- Project risk management program and procedures
 - Examined how CFX identifies, analyzes and controls potential threats that could impact projects
- Project/Development methodologies
 - Examined the design and development standards utilized at CFX
 - Reviewed the Quality Assurance team organizational structure
 - Reviewed testing procedures such as unit testing, peer review, integration, regression, and user acceptance
 - Assessed how CFX documents the results of the project
- Project Governance
 - Reviewed the CFX project charter, if applicable
 - Assessed how projects are planned, executed, and monitored
 - Assessed how changes in scope and prioritization affect the project
- Project Health metrics (how are we measuring the success of projects)
 - Assessed how metrics such as cost, schedule, quality, resources, and scope are captured and how variance of each of these items initiates action
 - Requirements management (standards and processes)
 - Examined how changes in requirements are documented, prioritized and approved by all affected stakeholders
- Resource management
 - Assessed how internal resources are assigned to projects
 - Assessed how CFX determines a project will be outsourced
 - Assessed how CFX selects vendors, and how vendors are monitored during the project to ensure the vendor delivers what is required
 - Reviewed the process to ensure that projects have been properly staffed

2019 IT Project Management Review

III. Approach to Evaluation of Results

Observations made during this review have received one of the following rankings defined below. These rankings indicate the significance and likelihood of risk in the business environment. This assessment can be used as a tool by management to determine how quickly attention should be given to each finding specified.

-  **Critical** priority observations are risks to the business that are grave in nature. These vulnerabilities should be addressed and/or fixed immediately because they may pose an immediate danger to the security of the networks, systems, or data involved. Almost no mitigating controls exist.
-  **High** priority observations should be addressed in an expedited manner. While mitigating controls may exist, these issues present an increased level of risk associated and should be addressed as soon as possible.
-  **Moderate** priority observations should be noted and implemented at a later date, but may not pose a real threat to the network and connected systems at this time.
-  **Low** priority observations are system configurations, cultural issues, and technical process-related items observed throughout this review. These items are included to help improve technical processes and assist in defining its long-term strategy.

For each risk identified, IA has assigned an observation ID specific to this assessment. The observation ID is used to reference each risk in a confidential manner through verbal or written communications and in other reporting without revealing the details of the actual issue. The assigned number is noted in the far left column of the summary of observation table in section IV.

2019 IT Project Management Review

IV. Summary of Improvement Opportunities

The following table summarizes the number of observations in each priority ranking associated with this review:

Observation and Significance Summary				
Critical	High	Moderate	Low	Total
0	3	1	0	4

The table below provides a categorical summary of the observations discovered as a result of the review performed:

Observation ID	Description	Significance			
		Critical	High	Moderate	Low
1	Project Management Framework		X		
2	Project Intake Process		X		
3	Portfolio Management		X		
4	Resource Planning			X	

2019 IT Project Management Review

V. Detailed Improvement Opportunities

The four (4) items identified during this review are listed below. They are listed in the order in which CFX should consider addressing them.

1	Project Management Framework
	<p>Opportunity: CFX has not formalized a project management framework to aid in a structured and repeatable approach to projects. This had led to inconsistent performance and results across projects within the organization. A project management framework contains policies, procedures, and document templates to facilitate the project management lifecycle at CFX. Documents such as project charters, budget and scheduling templates, and status update dashboards would provide CFX with the ability to accurately and efficiently execute projects and identify potential risks, as well as having consistent governance over all projects.</p> <p>Without formal project management frameworks, projects may not be governed consistently and may lead to challenges throughout the project lifecycle including project intake, prioritization planning, resource management, and completion.</p>
	<p>Significance: High</p>
	<p>Recommendation: CFX should utilize industry best practices, such as ITIL, to develop a project management framework surrounding their project management lifecycle. The framework should include policies and procedures surrounding demand planning to provide IT with the ability for visibility, prioritization, tractability, and governance of projects. The procedures should include step by step guidance around project intake, prioritization, scoping, budgeting, monitoring, handling changes related to ongoing projects, and completion.</p>
	<p>Management Response:</p> <p>Owner: Jim Greer, Chief Technology and Operations Officer</p> <p>Due Date: July 31, 2020</p> <p>Action Plan: Management will develop a plan for implementing a formalized project management framework that includes policies, procedures and templates to facilitate project management life cycles at CFX. ITIL will be considered as this framework is developed.</p>

2019 IT Project Management Review

2	Project Intake Process
	<p>Opportunity: CFX has not formalized the project intake process to capture key factors of a project including the requestor, business case, priority, scope and requirements, risks, budgets, and stakeholders. In the past, this has come in the form of a document to be filled out with preliminary information such that stakeholders can assist prioritizing and budgeting practices. The document is no longer utilized, which has led to challenges around meeting project requirements and budgets in an efficient manner.</p> <p>Without a formalized project intake processes, an organization may experience challenges in identifying and tracking key factors that may affect the efficiency of projects, visibility of incoming demand, and in turn impede resource and capacity planning.</p>
	<p>Significance: High</p>
	<p>Recommendation: CFX should consider developing a project intake process to explicitly identify and document key factors such as a description of the project and business case, budget, priority, scope and requirements, services impacted, organizational sponsors, and stakeholders. Documenting these factors assists in managing the projects ensuring projects are appropriately prioritized and desired milestones and results are achieved.</p>
	<p>Management Response:</p> <p>Owner: Jim Greer, Chief Technology and Operations Officer</p> <p>Due Date: December 31, 2019</p> <p>Action Plan: Management will develop a project intake template (and supporting process) that can be used by project requestors at CFX that includes business case, priority, scope, risks, budget, and stakeholders.</p>

2019 IT Project Management Review

3	Portfolio Management
	<p>Opportunity: CFX has not implemented a formal portfolio management function within the environment. This has led to challenges surrounding management of resources, prioritizing projects, and risk management of projects. Within the Cherwell tool, a portfolio management function exists to manage ongoing projects around planning, execution, and management, however it has not been implemented.</p> <p>The portfolio management function involves the use of people, processes, and methodologies to plan, execute, monitor, and complete projects within the organization. Without a portfolio management function, an organization's may not be able to continue driving towards goals within the strategic plan.</p>
	<p>Significance: High</p>
	<p>Recommendation: CFX should continue plans to implement the portfolio management function within Cherwell. The portfolio management function should identify initiatives within the strategic plan and coordinate people, processes, and methodologies to plan, execute, monitor, and complete projects.</p>
	<p>Management Response:</p> <p>Owner: Jim Greer, Chief Technology and Operations Officer</p> <p>Due Date: March 31, 2020</p> <p>Action Plan: Management will continue plans to enhance and leverage the Cherwell deployment to support the portfolio management function at CFX.</p>

2019 IT Project Management Review

4	Resource Planning
	<p>Opportunity: Through review of the current project management process, IA found that CFX has not yet formalized the resource management processes in place to track internal and external resources as they work on projects. This has led to CFX on- and off-boarding internal and external resources throughout the project lifecycle due to project requirements, scheduling conflicts, and project prioritization.</p> <p>Without formalized planning and coordination of resources, CFX may encounter challenges meeting budgets and timelines associated with projects. Resource planning ensures proper resources and skills are allocated to projects vital to the overall success of the project.</p>
	<p>Significance: Moderate</p>
	<p>Recommendation: CFX should identify requirements and budgets associated with projects and identify current resources and availability required to complete the project. Formalizing resource management will assist CFX in identifying current availability of internal resources and justifying the requirement for external resources.</p>
	<p>Management Response:</p> <p>Owner: Jim Greer, Chief Technology and Operations Officer</p> <p>Due Date: July 31, 2020, contingent on the implementation of an Enterprise Resource Planning (“ERP”) system.</p> <p>Action Plan: Management will formalize resourcing practices with regard to projects at CFX based on requirements and budgets defined in the project intake process (see Observation 2). CFX will integrate these practices within the ERP system planned for 2020.</p>

E.2.b

Fiscal 2019 Tolling System Replacement – LENS Access Control Review

LENS Access Control Review

Central Florida Expressway Authority

June 2019

2019 LENS Access Control Review

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2019 LENS Access Control Review

I. Executive Summary

Background

During the period between June 4th and June 14th, 2019, Internal Audit (“IA”) performed an Access Control Review for Central Florida Expressway Authority (“CFX”). The review focused on the Law Enforcement Notification System (“LENS”) application. LENS is an application within the Toll Management Console (“TMC”) utilized by CFX operations team to monitor toll plazas and lanes to ensure continuous operation. The LENS application is an alerting system used by law enforcement officials to receive alerts for vehicles identified within the application passing through nearby toll plazas.

Overview

This report represents the results of the LENS Access Control Review conducted by IA for CFX. While executing this review, IA interviewed key personnel involved in the access administration process and tested the authentication mechanism for use of strong authentication mechanisms.

As a result of this review, IA identified two (2) observations (one rated Moderate and one rated Low). The observations describe gaps with both process and technology related controls. Specifically:

- User access within the LENS application
- Password requirements

To address the above issues, CFX should consider:

- Developing administrative procedures surrounding account review
- Continuing plans regarding authentication mechanism

2019 LENS Access Control Review

II. Scope and Approach

Scope

The scope of this project was on the review of Access Rights Administration and a review of Authentication of the LENS application.

Approach

IA identified and assessed the controls of Access Rights Administration and Authentication Mechanisms. Specifically:

- The Access Rights Administration component included a review of how CFX:
 - Assigns users and devices only the access required to perform their job duties
 - Updates access rights based on personnel or system changes
 - Periodically reviews users' access rights at an appropriate frequency
- The Authentication Mechanism component included a review of how CFX:
 - Enforces the use of authentication mechanisms (passwords/PINs/tokens/etc.)
 - Enforces strong authentication mechanism parameters
 - Protects users' authenticators (passwords/PINs/tokens)



E.2.c

**Fiscal 2020 Prior Audit
Recommendations:
Semi-Annual Follow Up**



CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Prior Audit Recommendations Follow-Up

October 15, 2019

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EXECUTIVE SUMMARY



Overview

As part of the Fiscal Year 2020 Internal Audit plan, Internal Audit performed a review of open audit recommendations from prior audit reports as of October 15, 2019 to verify the implementation status reported by management. Open recommendations from the following audits were evaluated:



2013 Toll Revenue Audit	2019 Cybersecurity Incident Response
2017 Customer Service Center Performance Assessment	2019 Ransomware Review
2017 Change Management – Tolling System Replacement Audit	2019 Accounting and Financial Controls Review
2018 Penetration Test	2019 Customer Service Center Performance Review
2018 Pay by Plate Audit	2019 IT Project Management Review
2018 IT General Controls Review	2019 Toll Revenue Audit

Internal Audit last reviewed the status of open audit recommendations in February 2019. Results were reported to the Audit Committee at that time.



Objectives, Scope, and Approach

This review was completed as of October 15, 2019 and consisted of meetings with management to determine the status of open audit recommendations and testing of management's response and status. In addition, only those recommendations that remained open at the time of the last review have been included in this report. If a recommendation was completed as of February 15, 2019, no further work was performed and the recommendation was not included for review.

Testing performed included inquiry with the employees responsible for completing the recommendations and/or review of documentation evidence to confirm management's reported status and explanation. In instances where the evidence obtained did not agree with management's status, discussions with management were held and the differences were resolved. There were no instances where management and Internal Audit did not come to an agreement on the status of a prior audit recommendation.

EXECUTIVE SUMMARY



Recommendations Summary

Audit	Open as of February 15, 2019	New Action Plans	Completed as of October 15, 2019	In Progress as of October 15, 2019*	Past Due
2013 Toll Revenue Audit	1	0	0	1	0
2017 Customer Service Center Performance Assessment	1	0	1	0	0
2017 Change Management - Tolling System Replacement Audit	1	0	0	1	1
2018 Penetration Test	2	0	2	0	0
2018 Pay By Plate Audit	2	0	1	1	1
2018 IT General Controls Review	1	0	0	1	0
2019 Cyber Security Incident Response Review	0	2	1	1	0
2019 Ransomware Review	0	5	5	0	0
2019 Accounting and Financial Controls Audit	0	6	2	4	1
2019 Customer Service Center Performance Review	0	4	2	2	0
2019 IT Project Management Review	0	4	1	3	0
2019 Toll Revenue Audit	0	4	3	1	0
Total	8	25	18	15	3

*15 recommendations are classified as "In Progress." 3 of these recommendations are considered "Past Due."

STATUS OF PAST DUE RECOMMENDATIONS

Audit	Observation	Management Action Plan	Responsible Party	Summary of Status	Revised Due Date
2017 Change Management - Tolling System Replacement Audit	Though the Critical and High vulnerabilities identified by the vulnerability scanner have been remediated, we recommend that CFX and Transcore continue plans to remediate the remaining vulnerabilities by using a risk-based approach, beginning with the remaining Medium vulnerabilities.	Management will remediate the Medium vulnerabilities near the completion of the TSR project.	Jim Greer, Chief of Technology and Operations	In Progress (Past Due)	12/31/20
2018 Pay by Plate Audit	There is no formal set of procedures that defines standardized parameters for the UTC report and no formal schedule that rotates when records from each set of parameters are reviewed. In addition, the criteria for deciding whether to issue an UTC/UTN is subjective and there is no formal guideline for making the determination.	The Director of Toll Operations, the Manager of E-PASS and Plaza Operations, and the Manager of VES and Special Projects will document written procedures for CFX's Pay By Plate program to address the clearly define the review and monitoring control activity. The procedures will be reviewed and updated at least annually and published on SharePoint.	David Wynne, Director of Toll Operations Paul Schatz, Manager of VES and Special Projects	In Progress (Past Due)	12/31/19
2019 Accounting and Financial Controls Review	To create a new vendor or modify vendor information in the EDEN financial reporting system, the requesting party must submit a new/modify vendor request form to the Contract Compliance Analyst with the appropriate support documentation, W-9, and check request along with applicable management approvals. However, there is no secondary review of vendor additions or modifications by the Contract Compliance Analyst once the vendor is added to EDEN.	CFX will implement a review of new vendors into the Accounting Clerk's review of invoices to ensure the vendor was entered completely and accurately. CFX will further implement a review of vendor changed into the CFOs monthly review procedures.	Lisa Lumbard, CFO	In Progress (Past Due)	6/30/21

STATUS OF ALL OPEN RECOMMENDATIONS

STATUS OF ALL OPEN RECOMMENDATIONS

2013 Toll Revenue Audit

Observation	Management Action Plan	Responsible Party	Status	Summary of Status	Due Date
Potential Revenue Leakage: Due to the manual nature of the Attendant's Shift Record used as a reconciling item during toll collections audits the third-party contractor auditors are required to make assumptions as to what is being communicated by the TSA.	CFX will automate certain aspects of the Toll Plaza Attendant's Shift Record Log by integrating tracking of unusual occurrences, violations, and insufficient fund transactions within system. This recommendation will be implemented as a function of the Tolling System replacement.	David Wynne, Director of Toll Operations	In Progress - Pending Completion of the Toll System Replacement Project	Per discussion with Dave Wynne, Director of Toll Operations, this recommendation will be implemented within the Toll System Replacement project. The new system is currently operational except for the manned cash lanes. The implementation of this system automation includes collector buttons that are pre-designated for specific occasions and vehicles that come through the tolls. This management action plan is expected to be implemented by the revised due date.	Original: 7/1/15 Revised: 12/31/17 Revised: 12/31/19

2017 Change Management - Tolling System Replacement Audit

Observation	Management Action Plan	Responsible Party	Status	Summary of Status	Due Date
Though the Critical and High vulnerabilities identified by the vulnerability scanner have been remediated, IA recommends that CFX and Transcore continue plans to remediate the remaining vulnerabilities by using a risk-based approach, beginning with the remaining Medium vulnerabilities.	TSR Vulnerability Scans: Management will remediate the Medium vulnerabilities near the completion of the TSR project.	Jim Greer, Chief of Technology and Operations	In Progress (Past Due)	Per discussion with Jim Greer, Chief of Technology and Operations, the remediation of these vulnerabilities is contingent upon the Toll System Replacement project completion. Due to external factors affecting the priorities of IT project completion, this management action plan is expected to be implemented by the revised due date.	Original: 6/30/19 Revised: 12/31/20

STATUS OF ALL OPEN RECOMMENDATIONS

2018 Pay By Plate Audit

Observation	Management Action Plan	Responsible Party	Status	Summary of Status	Due Date
There is no formal set of procedures that defines standardized parameters for the UTC report and no formal schedule that rotates when records from each set of parameters are reviewed. In addition, the criteria for deciding whether to issue an UTC/UTN is subjective and there is no formal guideline for making the determination.	The Director of Toll Operations, the Manager of E-PASS and Plaza Operations, and the Manager of VES and Special Projects will document written procedures for CFX's Pay By Plate program to address the clearly define the review and monitoring control activity. The procedures will be reviewed and updated at least annually and published on SharePoint.	David Wynne, Director of Toll Operations Paul Schatz, Manager of VES and Special Projects	In Progress (Past Due)	Per discussion with David Wynne, Director of Toll Operations, and Paul Schatz, Manager of VES and Special Projects, the algorithms for the new system are complete. CFX is in the process of documenting the process by which tolling transactions are reviewed and monitored. This management action plan is expected to be implemented by the revised due date.	Original: 6/30/19 Revised: 12/31/19

2018 IT General Controls Review Exempt F.S.282.318

2019 Cybersecurity Incident Response Review Exempt F.S.282.318

2019 Ransomware Review Exempt F.S.282.318

STATUS OF ALL OPEN RECOMMENDATIONS

2019 Accounting and Financial Controls Review

Observation	Management Action Plan	Responsible Party	Status	Summary of Status	Due Date
<p>To create a new vendor or modify vendor information in the EDEN financial reporting system, the requesting party must submit a new/modify vendor request form to the Contract Compliance Analyst with the appropriate support documentation, W-9, and check request along with applicable management approvals.</p> <p>Proper segregation of duties exists between the employees requesting vendor additions and changes and the Contract Compliance Analyst that enters the vendor into EDEN. However, there is no secondary review of vendor additions or modifications by the Contract Compliance Analyst once the vendor is added to EDEN.</p>	CFX will implement a review of new vendors into the Accounting Clerk's review of invoices to ensure the vendor was entered completely and accurately. CFX will further implement a review of vendor changed into the CFOs monthly review procedures.	Lisa Lumbard, CFO	In Progress (Past Due)	Per discussion with the CFO, the EDEN accounting system recognizes every invoice paid as an update to the vendor within the AP module. As such, it is not possible to review monthly vendor changes as part of the current review process. The Authority is currently undergoing the RFP process to implement a new ERP system which, among other things, will allow management to review actual vendor changes in the AP module. In the meantime, the invoice review process has been updated to include a review of vendor information per EDEN against the invoice received to ensure appropriateness of the payee. The implementation of the new ERP system is expected to be completed by the revised due date.	<p>Original: 8/31/19</p> <p>Revised: 6/30/21</p>
<p>A year-end accounting checklist is maintained electronically to track the performance of all tasks essential to the compilation of the financial statements. However, there is no evidence of a final review of the checklist by management to ensure the completion of all tasks included on the checklist.</p>	CFX will implement a review of the year-end accounting checklist by the Director of Accounting and Finance prior to publishing the CAFR to ensure that all procedures have been completed. The review will be evidenced through electronic sign-off on the year-end annual checklist.	Mike Carlisle, Director of Accounting	In Progress	Per discussion with the Director of Accounting and Finance and inspection of the revised checklist, this management action plan is on target to be implemented by the original due date.	Original: 12/31/19

STATUS OF ALL OPEN RECOMMENDATIONS

2019 Accounting and Financial Controls Review (Continued)

Observation	Management Action Plan	Responsible Party	Status	Summary of Status	Due Date
There is no defined process or mechanism, such as a checklist, to track new accounting pronouncements or required disclosures and the corresponding implementation dates.	CFX will implement a formalized review of the GFOA comments from the prior year's CAFR to ensure accounting and disclosure requirements are appropriately reflected in the current year CAFR. The review will be evidenced by initial on the GFOA comments by the Director of Accounting and Finance.	Mike Carlisle, Director of Accounting	In Progress	Per discussion with the Director of Accounting and Finance and inspection of the revised year-end checklist which will be used to evidence review and comments, this recommendation is on target to be implemented by the original due date.	Original: 12/31/19
At the close of the external audit, the draft CAFR is reviewed by the Accounting Supervisor, Manager of Accounting and Finance, the Director of Accounting and Finance, the CFO, and the Chief of Staff. However, evidence of each party's final review is not documented except for the CFO's sign-off on the final CAFR.	CFX will enhance the year-end accounting checklist to include sign-off procedures for the review of the financial data within the final CAFR.	Mike Carlisle, Director of Accounting	In Progress	Per discussion with the Director of Accounting and Finance and inspection of the revised year-end checklist which will be used to evidence review and comments, this recommendation is on target to be implemented by the original due date.	Original: 12/31/19

STATUS OF ALL OPEN RECOMMENDATIONS

2019 Customer Service Center Performance Review

Observation	Management Action Plan	Responsible Party	Status	Summary of Status	Due Date
In June 2016, CFX implemented an IVR solution from Swampfox to identify callers, direct calls, and automate common functions such as payment of toll violations. The current reporting makes it difficult to ascertain how calls are flowing through the IVR, what paths these calls are taking and where improvements could be made to the IVR to increase service automation.	CFX will develop a roadmap or strategy to update and modernize the IVR as it is integrated with the new tolling operations system.	Jim Greer, Chief of Technology and Operations David Wayne, Director of Toll Operations	In Progress	Per discussion with the Chief of Technology and Operations, as a part of the Microsoft development for IVR, "screen pops" have been added which alert CSRs servicing customers of any data that has been already captured by the system, based on account or phone number, so that the CSR is more readily able to address the customers' needs. This process is ongoing and will be completed as part of the updates to the tolling operations system. The management action plan is expected to be completed by the revised due date.	Original: 12/31/19 Revised: 6/30/20
Through the changes and improvements CFX has made to its organizational structure, QA programs, and Workforce management, CFX currently has easy access to accurate and complete historical data related to performance as well as real-time data from its various platforms. While this complete data is available via various historical reports, it is not generally available to the broader contact center team or to the management team.	As CFX pursues the new tolling operations system, CFX will perform a cost analysis to evaluate the cost of capturing detailed level data for 13 months. In addition, CFX will develop a roadmap for designing dashboards and reports that contain pertinent information, performance indicators and trend analysis in a user-friendly presentation.	Jim Greer, Director of Information Technology, and David Wayne, Director of Toll Operations	In progress	Per discussion with the Chief of Technology and Operations, while dashboards are being enhanced on an ongoing basis, the inputs require manual loading and manipulation. To implement this finding, the Authority will continue to explore more options around how to optimize data through further project planning and development. The management action plan is expected to be completed by the revised due date.	Original: 12/31/19 Revised: 12/31/20

STATUS OF ALL OPEN RECOMMENDATIONS

2019 IT Project Management Review

Observation	Management Action Plan	Responsible Party	Status	Summary of Status	Due Date
CFX has not formalized a project management framework to aid in a structured and repeatable approach to projects. This had led to inconsistent performance and results across projects within the organization.	Management will develop a plan for implementing a formalized project management framework that includes policies, procedures and templates to facilitate project management life cycles at CFX. ITIL will be considered as this framework is developed.	Jim Greer, Chief Technology and Operations Officer	In Progress	Per discussion with the Chief of Technology and Operations, remediation of this finding is in progress and expected to be completed by the original due date.	Original: 7/31/20
CFX has not implemented a formal portfolio management function within the environment. This has led to challenges surrounding management of resources, prioritizing projects, and risk management of projects.	Management will formalize resourcing practices regarding projects at CFX based on requirements and budgets defined in the project intake process (see Observation 2). CFX will integrate these practices within the ERP system planned for 2020.	Jim Greer, Chief Technology and Operations Officer	In Progress	Per discussion with the Chief of Technology and Operations, remediation of this finding is in progress and expected to be completed by the original due date.	Original: 7/31/20
CFX has not yet formalized the resource management processes in place to track internal and external resources as they work on projects. This has led to CFX on- and off-boarding internal and external resources throughout the project lifecycle due to project requirements, scheduling conflicts, and project prioritization.	Management will continue plans to enhance and leverage the Cherwell deployment to support the portfolio management function at CFX.	Jim Greer, Chief Technology and Operations Officer	In Progress	Per discussion with the Chief of Technology and Operations, remediation of this finding is in progress and expected to be completed by the original due date.	Original: 3/31/20

STATUS OF ALL OPEN RECOMMENDATIONS

2019 Toll Revenue Audit

Observation	Management Action Plan	Responsible Party	Status	Summary of Status	Due Date
As errors and outages occur, tickets are submitted for resolution to the Maintenance Monitoring Center operated by TransCore. For six of the 28 system errors tested, at least one of the metrics exceeded the threshold of four hours to solution as defined within maintenance and support service level agreements. Additionally, one instance was identified where no support ticket had been created for an observed issue.	CFX will continue to monitor vendor performance and benchmark according to defined service level agreements.	Joann Chizlett, Director of Special Project	In progress	Per discussion with the Director of Special Projects, this recommendation is on target to be implemented by the original due date.	Original: 12/31/20

Face the Future with Confidence

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E.3.a

Fiscal 2020

Procurement and

Contract Audit

Selections

CFX
FY20 Procurement and Contract Audit Selections
Contracts >=\$500K and >= 50% complete

Audit Selection											
Contract number	Contractor name	Full description	Actual start	Contract expiration	Contract total	Expenditures	Adjusted Balance	Percent Complete	Previously Tested?	Year Tested	Notes
001105	EGIS PROJECTS, INC	E-PASS and Violation Enforcement Operations - FY2015/RFP REPLACED 000593 - FY2009/RFP	8/1/2015	7/31/2020	\$54,257,636.85	\$32,110,103.80	\$22,147,533.05	59.18%			Recent challenges highlighted specific to the accuracy of invoices. Selected for review.
000178	TRANSCORE, ATTN: LORI HOCKENBERRY	System Hardware Maintenance (SHM-01)	7/22/2004	7/21/2021	\$91,329,328.62	\$79,414,430.40	\$11,914,898.22	86.95%	Previously audited	2011	Vendor invoices are complex due to format. In addition, there are many hands involved in the invoice review process, which increases the potential for error. Selected for review.
All Contracts											
000981	DEWBERRY ENGINEERS, INC.	429-203 WEKIVA PARKWAY CONSULTANT - PONKAN RD TO KELLY PARK RD NOVATION AGREEMENT FOR 000851	6/4/2013	5/31/2017	\$3,779,712.44	\$3,481,045.17	\$298,667.27	92.10%			
001118	THE LANE CONSTRUCTION, CORPORATION	S.R. 408/S R. 417 Interchange Improvements Phase 1 Project No. 253F	1/4/2016	7/2/2017	\$36,403,156.31	\$35,721,385.85	\$681,770.46	98.13%	Vendor Previously Selected (Different Contract)	2013	
000858	ATKINS NORTH AMERICA, INC	Design Services for SR 429 (Wekiva Parkway) Systems Interchange Project 429-204	7/23/2012	7/22/2017	\$7,200,000.00	\$6,095,022.13	\$1,104,977.87	84.65%	Vendor previously selected (different contract)	2014	
001060	PRINCE	429-202 S.R. 429 (WEKIVA PKWY) FROM US 441 TO NORTH OF PONKAN RD TIFIA PROGRAM	6/8/2015	10/26/2017	\$56,699,473.13	\$56,220,141.85	\$479,331.28	99.15%	Vendor previously selected (different contract)	2013	
000860	DYER, RIDDLE, MILLS & PRECOURT	DESIGN CONSULTANT SERVICES S.R. 429 (WEKIVA PARKWAY) FROM LAKE COUNTY LINE TO S.R. 46 (EAST OF ROUND LAKE ROAD)	1/15/2013	1/14/2018	\$4,933,736.76	\$4,740,608.97	\$193,127.79	96.09%			
001206	SEMA CONSTRUCTION, INC.	SOUTHBOUND SR 417 TO WESTBOUND SR 528 REALIGNMENT WETLAND IMPACTS MITIGATION AGREEMENT PROJECT 599-126	9/11/2017	5/9/2018	\$9,177,716.39	\$9,108,887.94	\$68,828.45	99.25%	Vendor previously selected (different contract)	2015	
000850	HNTB CORPORATION SOUTHEAST, DIVISION	WEKIVA PARKWAY CONSULTANTS 429-202 US441 to Ponkan Rd.	6/1/2012	7/1/2018	\$5,410,000.00	\$5,323,360.48	\$86,639.52	98.40%	Previously Audited	2016	
001355	PREFERRED MATERIALS INC	S.R. 408 Milling and Resurfacing From S.R. 50 To Orman Drive Project 408-742A	1/14/2018	9/21/2018	\$9,101,129.05	\$9,101,129.05	\$0.00	100.00%			
001304	UNITED SIGNS & SIGNALS, INC	S.R. 528/S R. 417 INTERCHANGE LED LIGHTING CONVERSION PROJECT 599-137A PENDING COI - 12/18/2018	5/7/2018	10/3/2018	\$4,062,425.72	\$4,062,425.72	\$0.00	100.00%	Vendor previously selected (different contract)	2013	
001269	SOUTHLAND CONSTRUCTION, INC.	S.R.429/W.C.R. 535 NORTHBOUND ENTRANCE RAMP IMPROVEMENTS PROJECT 429-654D	3/26/2018	10/13/2018	\$4,031,700.19	\$4,031,700.19	\$0.00	100.00%	Vendor previously selected (different contract)	2019	
001224	SEMA CONSTRUCTION, INC.	The project consists of a full replacement of the Eastbound and Westbound bridges on S.R. 528 over the Econlockhatchee River, and approximately 0.8 miles of existing S.R. 528 roadway reconstruction in Orange County, Florida.	3/6/2017	12/9/2018	\$17,976,291.75	\$17,761,185.24	\$215,106.51	98.80%	Vendor previously selected (different contract)	2015	
001279	SOUTHERN ROAD & BRIDGE LLC	S.R. 408 AESTHETIC COATINGS RENEWAL Project 599-734	5/21/2018	2/25/2019	\$2,710,621.36	\$2,710,621.36	\$0.00	100.00%			
000819	THE BALMORAL GROUP, LLC	MISCELLANEOUS DESIGN CONSULTANT SERVICES	12/9/2011	3/29/2019	\$4,000,000.00	\$3,759,291.80	\$240,708.20	93.98%			
001211	IMG COLLEGE, LLC	IMG SPORTS MARKETING AGREEMENT The use of University of Florida and Florida State University Trademarks on stickers and transponders for electronic toll travel on CFX and State of Florida toll roads and turnpikes.	7/1/2016	6/30/2019	\$750,000.00	\$750,000.00	\$0.00	100.00%			
001261	ARAZOZA BROTHERS CORPORATION	S.R. 429/S R. 414 SYSTEMS INTERCHANGE LANDSCAPE IMPROVEMENTS PHASE II PROJECT NO. 429-200G	4/3/2017	7/2/2019	\$1,191,744.50	\$1,173,576.51	\$18,167.99	98.48%			
001471	ATLANTIC CIVIL CONSTRUCTORS, CORP	SR 429 KELLY PARK ROAD TURN LANE & PLANT STREET INTERCHANGE RAMPS RESURFACING PROJECT 429-753	3/11/2019	7/9/2019	\$902,852.61	\$902,852.61	\$0.00	100.00%	#N/A	#N/A	
001420	MASCI GENERAL CONTRACTOR, INC	SR 408 MILLING & RESURFACING FROM I-4 ULTIMATE LIMITS (SUMMERLIN AVE.) TO THE LAKE UNDERHILL BRIDGE PROJECT 408-746	1/7/2019	7/19/2019	\$4,747,313.60	\$3,248,146.92	\$1,499,166.68	68.42%	#N/A	#N/A	

		ILA BETWEEN FDOT AND OCEA (CFX) FOR LOCAL FUNDING CONTRIBUTION TO THE INTERCHANGE PROJECT AT I-4 AND S.R. 408										
001049	FLORIDA DEPARTMENT OF TRANSPORTATION	***SEE ALSO MEMORANDUM OF AGREEMENT, CFX (PARTICIPANT) AND STATE OF FL DEPT OF FINANCIAL SVCS (ESCROW AGENT)***	6/16/2014	7/31/2019	\$230,000,000.00	\$229,363,000.00	\$637,000.00	99.72%				
001127	KISINGER CAMPO & ASSOCIATES	BRIDGE INSPECTION SERVICES	7/1/2015	7/31/2019	\$1,475,354.92	\$1,400,623.44	\$74,731.48	94.93%				
000392	FLORIDA MUNICIPAL INSURANCE, TRUST	GENERAL LIABILITY, AUTO, PROPERTY, WORKERS COMP FLORIDA LEAGUE OF CITIES - AGENT	10/1/2006	9/30/2019	\$1,716,118.00	\$1,705,450.00	\$2,268.00	99.38%				
001283	KAPSCH TRAFFICOM USA, INC.	MAINTENANCE FOR ITS INFRASTRUCTURE (original contract #001113)	1/12/2017	9/30/2019	\$3,774,180.14	\$3,286,405.94	\$487,774.20	87.08%	Previously Audited	2019		
001246	THE LANE CONSTRUCTION, CORPORATION	Project 408-128 - S.R. 408 Widening from S.R. 417 to Alafaya Trail	10/16/2017	10/6/2019	\$78,386,965.42	\$66,930,997.28	\$10,208,518.39	85.39%	Vendor previously selected (different contract)	2013		
001033	STANTEC CONSULTING, SERVICES, INC.	CONSTRUCTION MANAGEMENT CONSULTANT	10/14/2014	10/13/2019	\$7,200,000.00	\$4,029,713.97	\$3,170,286.03	55.97%				
001050	COMMERCIAL COMPANIES, INC.	SR 528, 429, 414 AND HO LANDSCAPE MAINTENANCE	11/2/2014	11/1/2019	\$8,740,366.66	\$6,471,553.95	\$2,150,168.50	74.04%				
001463	UNITED SIGNS & SIGNALS, INC.	WEKIVA PARKWAY CLOSED-CIRCUIT TELEVISION (CCTV) CAMERA DEPLOYMENT PROJECT 599-547	2/4/2019	11/6/2019	\$1,156,748.11	\$1,015,411.47	\$141,336.64	87.78%	Vendor previously selected (different contract)	2013		
001265	CONVERGINT TECHNOLOGIES	SYSTEMWIDE MONITORING, MAINTENANCE AND REPAIR OF BUILDING SECURITY SYSTEM Piggyback contract: TCPN R5167-FL-12051	12/10/2016	12/9/2019	\$513,968.00	\$451,300.56	\$62,667.44	87.81%				
001266	SEMA CONSTRUCTION, INC.	DESIGN /BUILD SERVICES FOR S.R. 408/ S.R. 417 INTERCHANGE IMPROVEMENTS PHASE II PROJECT 408-253G	7/17/2017	12/16/2019	\$66,751,301.34	\$56,695,553.63	\$9,474,154.47	84.94%	Vendor previously selected (different contract)	2015		
001158	METRIC ENGINEERING, INC.	Miscellaneous Construction Engineering and Inspection (CEI) Services For Intelligent Transportation Systems Projects	8/8/2016	1/11/2020	\$4,300,000.00	\$3,291,570.71	\$1,008,429.29	76.55%				
001172	GREENMAN-PEDERSEN INC	SURFACE PREPARATION AND PAINTING CONSULTANT Contract No. C-9A63	1/14/2016	1/13/2020	\$1,050,000.00	\$650,766.92	\$399,233.08	61.98%				
001311	LAFLEUR NURSERIES AND, GARDEN CENTER LLC	S.R. 417/BOGGY CREEK ROAD SYSTEMS INTERCHANGE LANDSCAPE IMPROVEMENTS 417-301D	10/12/2017	1/14/2020	\$1,410,713.00	\$1,581,250.60	\$135,200.00	112.09%				
001207	WBQ DESIGN & ENGINEERING, INC.	MISCELLANEOUS DESIGN CONSULTANT SERVICES	1/23/2017	1/22/2020	\$2,500,000.00	\$1,628,443.84	\$871,556.16	65.14%				
001068	SOUTHWEST RESEARCH INSTITUTE	MAINTENANCE & SUPPORT OF DATA SERVER (Single Source)	2/1/2015	1/31/2020	\$2,465,980.29	\$2,122,286.93	\$343,693.36	86.06%				
001289	LAFLEUR NURSERIES AND, GARDEN CENTER LLC	S.R. 429 Wekiva Parkway Landscape 429-824	12/11/2017	3/10/2020	\$2,990,343.50	\$2,580,513.50	\$409,830.00	86.29%				
001161	PEGASUS ENGINEERING	MISCELLANEOUS DESIGN CONSULTANT SERVICES SS&E	4/1/2016	4/3/2020	\$3,330,000.00	\$2,121,742.78	\$1,208,257.22	63.72%				
001064	METRIC ENGINEERING, INC.	SR 408 EASTERN EXT PROJECT PD&E STUDY	4/20/2015	4/19/2020	\$3,273,392.35	\$3,224,792.27	\$48,600.08	98.52%				
001065	TLP ENGINEERING CONSULTANTS, INC	SR 408 DESIGN WIDENING GOOD HOMES TO HIAWASSEE ROAD Project 408-127	4/20/2015	4/19/2020	\$1,827,744.33	\$1,768,249.18	\$59,495.15	96.74%				
000078	PINAR CENTER, LLC, PINAR PLAZA	E-Pass Service Center Goldenrod	6/1/2003	5/31/2020	\$832,001.13	\$783,739.98	\$48,261.15	94.20%				
001398	HUBBARD CONSTRUCTION COMPANY	Project 417-134 SR 417 WIDENING FROM ECONLOCKHATCHEE TO SEMINOLE COUNTY	9/10/2018	6/1/2020	\$44,412,023.55	\$25,197,748.67	\$16,188,465.41	56.74%				Potential Selection: New vendor and new contract
001244	PFM ASSET MANAGEMENT, LLC	INVESTMENT ADVISOR SERVICES	6/5/2017	6/4/2020	\$665,000.00	\$480,265.79	\$184,734.21	72.22%				
001116	MATEER & HARBERT P.A.	RIGHT OF WAY COUNSEL SERVICES	6/1/2015	6/10/2020	\$1,240,500.00	\$753,361.07	\$487,138.93	60.73%				
001085	TC DELIVERS	Toll Operations Printing and Mailing Services	7/1/2015	6/30/2020	\$2,725,743.58	\$1,963,316.37	\$762,427.21	72.03%				
000821	ATKINS NORTH AMERICA, INC	Consultant to assist the Authority Staff in analyzing the existing system components, assist in determining hardware and software components to be replaced, assist in developing the scope of services for the future system upgrade, and work closely with Authority staff to develop the system acceptance criteria. (SEE CONTRACT 000702)	8/31/2010	7/31/2020	\$4,660,521.41	\$2,933,476.14	\$1,727,045.27	62.94%	Vendor Previously Selected (Different Contract)	2014		
001319	G4S SECURE SOLUTIONS, USA, INC	Secure Guard Services. Piggy Back State Contract 92121500-14-01	8/1/2017	7/31/2020	\$504,052.00	\$272,869.25	\$231,183.75	54.13%				
001322	TRAFFIC ENGINEERING & MGMT LLC	TRAFFIC SIGNAL MAINTENANCE	8/1/2017	7/31/2020	\$538,242.00	\$370,555.98	\$167,686.02	68.85%				
001245	PFM FINANCIAL ADVISORS, LLC	FINANCIAL ADVISOR SERVICES	9/1/2017	8/31/2020	\$765,000.00	\$484,583.36	\$280,416.64	63.34%				
001284	ARTHUR J. GALLAGHER RISK, MANAGEMENT SERVICES, INC.	INSURANCE BROKER SERVICES	9/1/2017	8/31/2020	\$1,602,995.00	\$1,562,138.00	\$40,857.00	97.45%				
001066	DYER, RIDDLE, MILLS & PRECOURT	S.R. 408 WIDENING FROM S.R. 417 TO ALAFAYA TRAIL Project 408-128	9/11/2015	9/10/2020	\$5,649,955.18	\$5,327,728.82	\$322,226.36	94.30%				
001098	PARSONS BRINCKERHOFF, INC	S.R. 528 Econlockhatchee River Bridge Replacement Project No. 528-131	9/11/2015	9/10/2020	\$1,502,048.01	\$1,421,391.30	\$80,656.71	94.63%				
001365	LAFLEUR NURSERIES AND, GARDEN CENTER LLC	Project: 429-825: S.R. 429 WEKIVA PARKWAY 2C LANDSCAPE S.R. 453 Landscape Improvements	6/27/2018	9/24/2020	\$1,449,022.75	\$1,243,350.75	\$205,672.00	85.81%				
001300	CDM SMITH, INC.	Traffic and Earnings Consultant Services	10/2/2017	10/1/2020	\$3,500,000.00	\$1,923,404.44	\$1,576,595.56	54.95%				

001069	CDM SMITH, INC.	CEI SERVICES FOR S.R. 408/ S.R. 417 INTERCHANGE IMPROVEMENTS PROJECT 253F	12/7/2015	12/6/2020	\$3,000,000.00	\$2,986,752.88	\$13,247.12	99.56%			
001131	REYNOLDS, SMITH & HILLS, INC.	Construction Engineering and Inspection (CEI) Services for SR 417 Resurfacing I Drive to Moss Park Project No. 417-733	12/14/2015	12/13/2020	\$1,850,000.00	\$1,849,482.04	\$517.96	99.97%	Vendor Previously Selected (Different Contract)	2013	
001286	AECOM ENERGY & CONSTRUCTION	Toll Facilities Operations and Management Services See Contract 001071	1/12/2017	12/25/2020	\$58,806,998.62	\$33,960,321.04	\$24,846,677.58	57.75%	Vendor previously selected (different contract)	2018	
001089	JACOBS ENGINEERING GROUP, INC.	CONSTRUCTION ENGINEERING & INSPECTION SERVICES PROJECT 429-206	4/5/2016	4/4/2021	\$4,100,000.00	\$2,999,983.56	\$1,100,016.44	73.17%			
001451	ARAZOZA BROTHERS CORPORATION	SR 429 WEKIVA PARKWAY LANDSCAPE IMPROVEMENTS Installation of landscape for Wekiva Parkway Section 205 Project 429-826	2/11/2019	5/11/2021	\$1,931,350.00	\$1,687,933.50	\$243,416.50	87.40%	#N/A	#N/A	
001150	INFRASTRUCTURE COMPANY OF, AMERICA, LLC	Facilities Maintenance Services	5/25/2016	5/24/2021	\$9,568,614.34	\$6,072,488.92	\$3,496,125.42	63.46%	Vendor previously selected (different contract)	N/A	
001088	KCCS INC.	CEI SERVICES S.R. 429 (WEKIVA PARKWAY) FROM THE SYSTEMS INTERCHANGE TO EAST OF MT. PLYMOUTH RD PROJECT 429-205	7/5/2016	7/4/2021	\$3,100,000.00	\$2,633,851.18	\$466,148.82	84.96%			
001153	DEWBERRY ENGINEERS, INC.	DESIGN CONSULTANT SERVICES S.R. 417 WIDENING FROM ECONLOCKHATCHEE TRAIL TO SEMINOLE COUNTY LINE Project 417-134	7/28/2016	7/27/2021	\$3,509,572.46	\$2,980,481.49	\$529,090.97	84.92%			
000179	TRANSCORE, ATTN: LORI HOCKENBERRY	System Software Maintenance (SSM-01) - (Formerly "Project 256 Contract")	10/2/2004	7/31/2021	\$23,963,817.36	\$17,223,405.56	\$6,740,411.80	71.87%	Previously Audited	2011	
000818	URS CORPORATION, D/B/A URS CORP. SOUTHERN	PROJECT 253F DESIGN SERVICES	1/10/2012	1/9/2022	\$7,030,768.31	\$6,609,221.04	\$421,547.27	94.00%			
001225	ENGLAND-THIMS & MILLER, INC.	The work will consist of providing CEI services related to CFX projects: S.R. 528/Econlockhatchee River Bridge Replacement, Project No. 528-131; S.R. 528/S.R. 436 Bridge Deck Replacement and Rehabilitation, Project No. 528-130; S.R. 417/S.R. 528 Ramp Improvements, Project No. 599-126, in Orange County, Florida.	2/10/2017	2/9/2022	\$2,300,000.00	\$2,090,678.73	\$209,321.27	90.90%			
001251	KIMLEY-HORN & ASSOCIATES INC.	Project 599-224: The Poinciana Parkway from Marigold Avenue to CR 54 / US 17-92 The Poinciana Parkway Extension/I-4 Connector.	3/28/2017	3/27/2022	\$2,590,356.97	\$1,831,233.10	\$759,123.87	70.69%			
001250	REYNOLDS, SMITH & HILLS, INC.	Southport Connector Expressway from Poinciana Parkway to Florida's Turnpike Project 599-223	4/11/2017	4/10/2022	\$2,461,622.31	\$1,741,952.31	\$719,670.00	70.76%			
001194	RUMMEL, KLEPPER & KAHL, LLP, D/B/A RK&K	CEI SERVICES for S.R. 408 Widening from S.R. 417 to Alafaya Trail PROJECT 408-128	9/18/2017	9/17/2022	\$6,000,000.00	\$3,503,777.22	\$2,496,222.78	58.40%			
001278	CDM SMITH, INC.	Construction Engineering and Inspection Services for S.R. 408/S.R. 417 Interchange Improvements Phase 2 Project 408-253G	10/1/2017	9/30/2022	\$5,300,000.00	\$3,495,598.23	\$1,804,401.77	65.95%			
001209	VOLKERT, INC.	CONCEPT, FEASIBILITY & MOBILITY STUDIES, SR 528 / NORTHEAST CONNECTOR EXPRESSWAY EXTENSION STUDY DESIGN CONSULTANT SERVICES	1/8/2018	1/7/2023	\$1,605,000.00	\$825,909.19	\$779,090.81	51.46%			
001285	DYER, RIDDLE, MILLS & PRECOURT	DESIGN CONSULTANT SERVICES SUPPLEMENTAL DATA COLLECTION SENSOR AND CCTV DEPLOYMENT PROJECT	2/2/2018	2/1/2023	\$600,569.14	\$495,251.47	\$105,317.67	82.46%			
001344	METRIC ENGINEERING, INC.	LAKE/ORANGE CONNECTOR FEASIBILITY/PDE STUDY PROJECT: 599-225	3/27/2018	3/26/2023	\$2,100,000.00	\$1,495,614.81	\$604,385.19	71.22%			
001314	DYER, RIDDLE, MILLS & PRECOURT	DESIGN CONSULTANT SERVICES for SR 528/SR 436 INTERCHANGE IMPROVEMENTS & SR 528 WIDENING FROM SR 436 TO GOLDENROD ROAD Project 528-143	4/10/2018	4/9/2023	\$6,598,082.58	\$3,466,080.50	\$3,132,002.08	52.53%			
001292	VANASSEE HANGEN BRUSTLIN, INC.	DESIGN SERVICES FOR THE FIBER OPTIC NETWORK PHASE 2 PROJECT PROJECT 599-524	5/11/2018	5/10/2023	\$519,982.67	\$390,916.70	\$129,065.97	75.18%			
000102	WELLS FARGO BANK, N.A.	SINKING FUND TRUSTEE, REGISTRAR AND PAYING AGENT FOR DEBT SERVICE ACCOUNTS	3/8/2003	6/30/2035	\$705,150.00	\$460,701.00	\$244,449.00	65.33%			
000033	TYLER TECHNOLOGIES, INC.	Accounting Software- Systems Project #25603	3/14/2003	12/31/3000	\$1,629,131.78	\$1,628,987.84	\$143.94	99.99%			
000039	FL DEPARTMENT OF HIGHWAY, SAFETY & MOTOR VEHICLES	Security & Safety Enhanced Traffic (F006-01)	7/1/2002	12/31/3000	\$12,751,061.34	\$11,716,018.68	\$1,036,762.72	91.88%			

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Other Business