



COMPREHENSIVE ANNUAL FINANCIAL REPORT

FISCAL YEARS ENDED JUNE 30, 2019 AND 2018

2019



D/B/A MIAMI-DADE EXPRESSWAY AUTHORITY AND MDX
Miami, Florida

Comprehensive Annual Financial Report

Fiscal Years Ended June 30, 2019 and 2018
Prepared by: Finance Department



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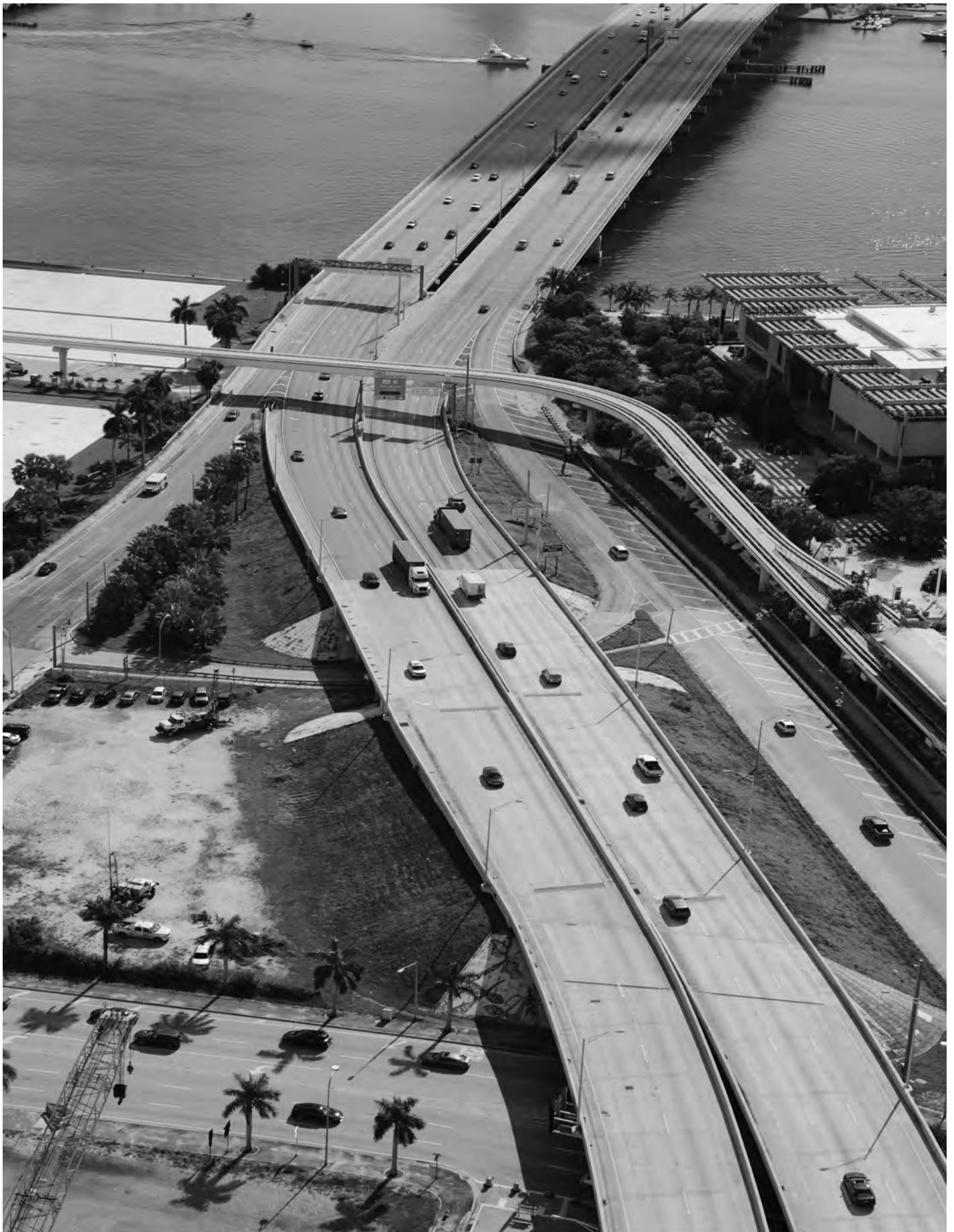
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INTRODUCTORY SECTION







MIAMI-DADE EXPRESSWAY AUTHORITY
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www.mdxway.com

December 2, 2019

MAYOR CARLOS A. GIMENEZ
Chair

LOUIS V. MARTINEZ, ESQ.
Vice-Chair

LUZ WEINBERG
Treasurer

JAMES WOLFE, P.E.
FDOT District Six Secretary

LEONARD BOORD

SHELLY SMITH FANO

MARITZA GUTIERREZ

ARTHUR J. MEYER

JAVIER RODRÍGUEZ, P.E.
Executive Director

MARIALUISA NAVIA LOBO
Board Secretary

**Board of Directors,
Bondholders and
Customers of the Expressway Authority**

On behalf of the Miami-Dade Expressway Authority (the “Authority”), we are pleased to present the Comprehensive Annual Financial Report (“CAFR”) for the Fiscal Year Ended June 30, 2019. This report was prepared in accordance with generally accepted accounting principles (“GAAP”) as promulgated by the Governmental Accounting Standards Board (“GASB”) and other accounting and rule making bodies.

To the best of our knowledge and belief, the enclosed data are accurate in all material respects and are reported in a manner designed to present fairly the financial position and results of the Authority. Responsibility for both the accuracy of the data and the completeness and fairness of the presentation, including all disclosures, rests with the Authority’s management.

Management is responsible for the establishment and maintenance of internal controls that have been designed to ensure assets are safeguarded and financial transactions are properly recorded and adequately documented. Such internal controls require estimates and judgments from management so that, in attaining reasonable assurance as to the adequacy of such controls, the cost does not outweigh the achieved benefit; the objective is to provide reasonable, rather than absolute, assurance that the financial statements are free of any material misstatement.

The Authority’s financial statements have been audited by Moore Stephens Lovelace, P.A., and Certified Public Accountants. The goal of an independent audit is to provide reasonable assurance that the financial statements of the Authority for fiscal year end June 30, 2019 are free of material misstatement. The independent audit involved examining, on a test basis, evidence supporting the amounts and disclosures; assessing the accounting principles used and significant estimates made by management; and evaluating the overall financial statement presentations. The independent auditors issued an “unmodified opinion” that the Authority’s financial statements for fiscal year June 30, 2019, are fairly presented in accordance with GAAP. The independent auditor’s report is included as part of the financial section of this report.

The Authority also undergoes a Single Audit in accordance with the provisions of the Single Audit Act and U.S. Office of Management and Budget Uniform Guidance, as well as the Florida Single Audit Act, when applicable. The Authority did not meet the requirement for a Single Audit for the year ended June 30, 2019.

Management’s discussion and analysis (“MD&A”) immediately follows the independent auditor’s report, which provides a narrative introduction, overview and analysis of the basic financial statements. The MD&A complements the transmittal letter and the two should be read in conjunction with each other.

Reporting Entity

The Authority was created in 1994 by the Miami-Dade County Commission to establish local control over toll revenues and to ease traffic congestion on five major expressways in Miami-Dade County. The Authority's system is comprised of five of the busiest roadways in Miami-Dade County. They are the Airport Expressway ("SR 112"), Dolphin Expressway ("SR 836"), Don Shula Expressway ("SR 874"), Snapper Creek Expressway ("SR 878"), and Gratigny Parkway ("SR 924"). The Authority also has jurisdiction over N.W. 138th Street from the north side of North Perimeter Road to west N.W. 97th Avenue.

Effective December 10, 1996, and pursuant to a Transfer Agreement ("Transfer Agreement") entered into between the Authority and the Florida Department of Transportation ("FDOT"), the Authority assumed the rights and responsibilities for operating the expressway system in perpetuity and obtained certain identifiable fixed assets and cash reserves from FDOT. In exchange, the Authority made a payment to FDOT, which was sufficient to defease certain bonded indebtedness of the State of Florida. In order to defease FDOT's indebtedness, the Authority issued Toll System Revenue Bonds, Series 1996 (Taxable) for \$80,000,000. In addition, the Authority assumed a liability from the State of Florida in the amount of \$11,843,000, which has been paid in full.

Board of Directors

The governing body of the Authority consists of a total of nine members, eight are appointed members, and as volunteers do not receive any salary or other compensation for their service. The Miami-Dade County Board of County Commissioners appoints five members. The Governor of the State of Florida appoints three members. One member, the District Secretary of the FDOT - District VI, serves *ex officio*. Except for the District Secretary, all members must be residents of Miami-Dade County. Board members serve for a period of four years. Board elections occur every June for the fiscal year starting July 1st. Due to ongoing litigation, as of the date of this report there is no governing board in place. The transmittal letter reflects the board composition as of the last election. See Note 10, "Litigation and Unasserted Claims", in the Notes to the Financial Statements regarding legislative actions on Miami-Dade Expressway Authority dissolution and creation of the Greater Miami Expressway Agency.

Reporting Requirements

On an annual basis the Authority undergoes an external financial audit, as well as a Single Audit and Florida Single Audit, when applicable. The purpose is for the external auditors to render an opinion of the Authority's financial statements and compliance with the Single Audit Act, U.S. Office of Management and Budget Uniform Guidance, and Florida Single Audit Act requirements. The opinion also includes the schedule of calculation of net revenues and financial ratios, as defined and required by the trust indenture.

In accordance with Governmental Auditing Standards, the external auditors also consider the Authority's internal controls over financial reporting on a test basis. The report purpose is to determine compliance with provision of laws, regulations, contracts, grant agreements, and to provide the results of the testing. This report can be accessed and viewed at www.mdxway.com.

In addition to the above-referenced reports, the Authority files an annual financial information disclosure pursuant to Rule 15c-2 of the Securities and Exchange Commission. The Authority also provides additional financial and operating information.

Since fiscal year 2008, pursuant to Section 20.23(2) 8, Florida Statutes, all toll authorities are subject to the oversight of the Florida Transportation Commission ("FTC").

Toll Dollars

The Authority's primary source of revenue is the tolls collected on its five expressways which are used to operate, maintain, and improve the expressway system. The Authority is responsible for the collection and stewardship of toll dollars collected on its five expressways. The Authority does not receive any revenue from the State of Florida, the Miami-Dade County half cent sales tax, or from state or federal gas taxes. Under the Authority's trust indenture, all net revenues are pledged to repay principal and interest of outstanding bonds issued by the Authority.

Five-Year Work Program

The Authority has a Long-Range Master Transportation Plan ("LRMTP") that identifies regionally significant transportation projects that MDX is examining for future implementation. Long range projects are conceptual in nature and require significant planning including engineering, finance, political, and public acceptance. The Authority's LRMTP is part of the Miami-Dade County Metropolitan Planning Organization's ("MPO") Long-Range Transportation Plan ("LRTP") which guides transportation investments in Miami-Dade County through the next twenty five years with the purpose of achieving the best mobility connections.

A thorough feasibility analysis is performed on projects that are prioritized for implementation including the cost of constructing, operating, and maintaining all phases of the project and the project's projected revenue. Projects that are deemed financially feasible and adopted by the Authority's Board are included in the Five-Year Work Program. Other projects may remain in the LRTMP until such time as they are deemed financially feasible. The number of projects that are added into the Five-year Work Program is contingent upon the Authority's ability to fund them while maintaining existing programs.

The Authority's Five-Year Work Program identifies those financially feasible projects that will be implemented in the next five (5) year period. The Authority's Five-Year Work Program is updated on an annual basis in accordance with Authority's priorities of safety, system preservation, and mobility improvements.

The current FY 2020-2024 Work Program includes approximately \$1.3 billion in projects that result in enhanced connectivity, greater mobility, improved standard of living, and accelerated economic development in Miami-Dade County.

Compliance

The Authority's Trust Indenture requires the establishment and maintenance of specific funds to be reserved and restricted for the Authority's financial obligations related to construction projects, maintenance, operations, sinking fund, and debt service reserve ("DSR"). The Authority's interest payments occur semi-annually on January 1st and July 1st. Principal payments occur annually on July 1st. During the fiscal year, one-twelfth (1/12) of interest and principal payments are deposited into the sinking fund. As of June 30, 2019 the sinking fund balance was \$64.5 million. The DSR is fully funded and based on 125% of the average annual debt service requirements for the bonds. DSR funds would be transferred to the sinking fund for the purpose of paying principal and interest for the bonds should the balance of the sinking fund be insufficient. As of June 30, 2019, the DSR balance is approximately \$115.2 million.

Senior Coverage & Credit Rating

The Authority continues to meet its responsibility for sound financial management and compliance with the Indenture. The Authority's Trust Indenture requires a 1.2x coverage for all senior lien debt and the Board policy is a minimum requirement of 1.5x coverage. Senior lien debt coverage for fiscal year 2019 is 1.82, and 2.07 for fiscal year 2018. The Authority's ratio of net revenues to all debt service and fund payments for fiscal year 2019 is 1.06, and 1.10 for fiscal year 2018. Fund Payments include deposits to the renewal and replacement account from the current year's net revenues for purposes of (a) to pay all or any part of cost of the expressway system improvement (pay as go); (b) maintenance or repair for either unusual (extraordinary) or non-recurring annually; and (c) repairs or replacements resulting from an emergency caused by some extraordinary occurrence. As of the date of this letter, the Authority's latest credit ratings are: Moody's A3, Negative Outlook (July 19, 2019); Fitch A-, Negative Outlook (August 29, 2019) and; Standard & Poor's A, Negative Outlook (July 16, 2019) due to 2019 legislation.

Continuing Disclosure Information

The CAFR includes Other Information, Schedule of Calculation of Net Revenues and Financial Ratios, and the Schedule of Toll Revenues and Expenses Summary, as required by the Trust Indenture. These schedules reflect the computation of net revenues and senior lien debt coverage. In addition, the CAFR includes a Statistical Section with information such as toll rates in effect and transactions of the System for all vehicle classes. Information on capital projects can be found under the MD&A section. All of the above schedules and information are required under the Trust Indenture as continuing disclosure information.

Awards

The Government Finance Officers Association of the United States and Canada ("GFOA") awarded a Certificate of Achievement for Excellence in Financial Reporting to the Authority for the fiscal year ended June 30, 2018. This was the twelfth (12th) consecutive year that the Authority has been granted this prestigious award. In order to be awarded a Certificate of Achievement, a governmental entity must publish an easily readable and efficiently organized CAFR. This report must satisfy both GAAP and applicable legal requirements. A Certificate of Achievement is valid for a period of one year only. We believe that our current CAFR continues to meet the Certificate of Achievement Program's requirements and we are submitting it to the GFOA to determine its eligibility for another certificate.

In addition to the CAFR, the Authority produces the Popular Annual Financial Report (“PAFR”), which extracts information from the CAFR specifically designed to be readily accessible and easily understandable to the general public and other interested parties without a background in public finance.

This report can be accessed and viewed at www.mdxway.com. GFOA granted an Award for Outstanding Achievement in Popular Annual Financial Reporting to the Authority for the fiscal year ended June 30, 2018. This was the seventh (7th) consecutive year that the Authority has been granted this prestigious award. GFOA’s review was based on an evaluation of creativity, presentation, understandability, and reader appeal of the report.

Acknowledgements

The preparation and publication of this CAFR on a timely basis was made possible by the outstanding efforts, dedication, and teamwork throughout the year of the Authority’s staff. All of the Authority’s staff is dedicated to continuous improvements to our operations, while remaining fiscally responsible and accountable to its stakeholders, bondholders, and customers.

Respectfully submitted,

Miami-Dade County Expressway Authority

MIAMI-DADE EXPRESSWAY AUTHORITY

Current Appointed Board of Directors



Mayor Carlos A. Gimenez
CHAIR
Term Expires: February 7, 2021



Louis V. Martinez, Esq.
VICE-CHAIR
Term Expires: February 7, 2020



Luz Weinberg
TREASURER
Term Expires: April 6, 2022



James Wolfe, P.E.
FDOT DISTRICT VI SECRETARY
Ex-Officio Member



Leonard Boord
Term Expires: April 6, 2022



Shelly Smith Fano
Term Expires: April 6, 2020

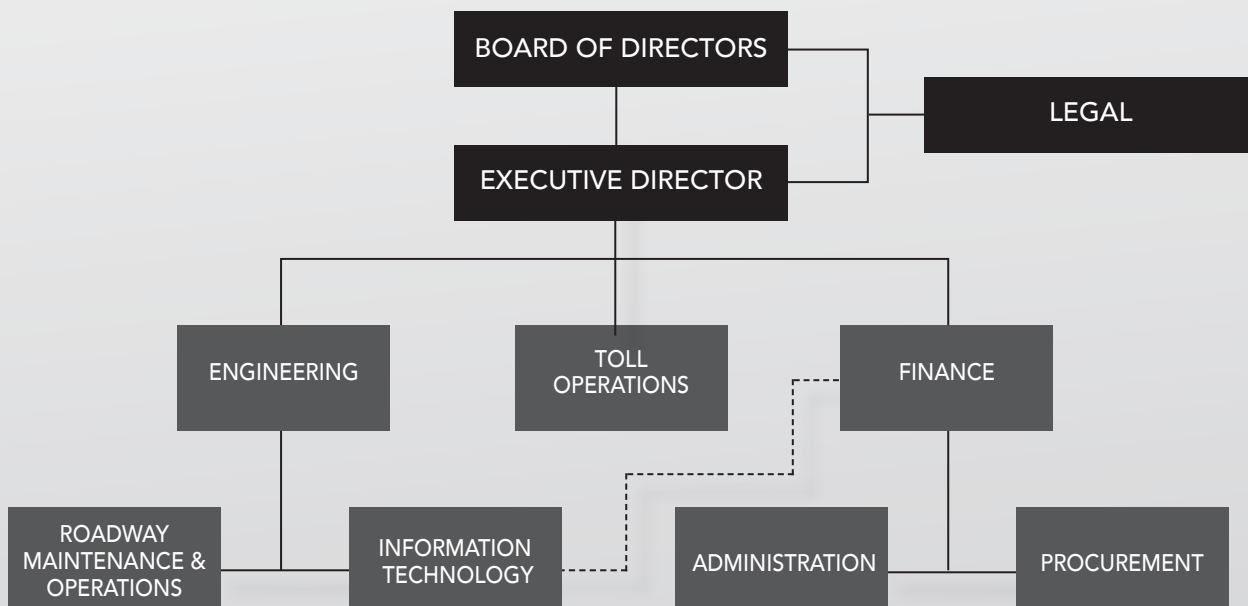


Maritza Gutierrez
Term Expires: February 7, 2021



Arthur J. Meyer
Term Expires: February 7, 2020

ORGANIZATION CHART *Fiscal Year Ended June 30, 2019*





Government Finance Officers Association

Certificate of
Achievement
for Excellence
in Financial
Reporting

Presented to

**Miami-Dade County
Expressway Authority, Florida**

For its Comprehensive Annual
Financial Report
for the Fiscal Year Ended

June 30, 2018

Christopher P. Morrill

Executive Director/CEO





INDEPENDENT AUDITOR'S REPORT

Members of the
Miami-Dade County Expressway Authority
Miami, Florida

We have audited the accompanying financial statements of Miami-Dade County Expressway Authority (the "Authority") as of and for the years ended June 30, 2019 and 2018, which collectively comprise the Authority'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 from 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 opinions.

Opinion

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

Emphasis-of-Matter

As discussed in Notes 10 and 12 to the financial statements, the Florida State Legislature has passed various legislation that could have a future impact on the Authority's governance and operations. The Authority filed a declaratory action regarding these legislative acts. The resolution of this litigation could impact future governance and operations of the Authority. Our opinion is not modified with respect to this matter.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis 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 audit 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.

Other Information

Our audit was conducted for the purpose of forming an opinion on the financial statements that collectively comprise the Authority's basic financial statements as a whole. The Schedule of Calculation of Net Revenue and Financial Ratios, as Defined and Required by the Trust Indenture, and Schedule of Toll Revenues and Expense Summary, as listed in the table of contents, are presented for purposes of additional analysis and are 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.

Members of the
Miami-Dade County Expressway Authority

The introductory section and statistical section, as listed in the table of contents, are presented for purposes of additional analysis and are also not a required part of the financial statements. The introductory and statistical sections have not been subjected to the auditing procedures applied in the audit of the basic financial statements and, accordingly, we do not express an opinion or provide any assurance on them.

Other Reporting Required by *Government Auditing Standards*

In accordance with *Government Auditing Standards*, we have also issued our report dated December 2, 2019, on our consideration of the Authority'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* and should be considered in assessing the results of our audit.



MOORE STEPHENS LOVELACE, P.A.
Certified Public Accountants

Orlando, Florida
December 2, 2019

MANAGEMENT'S DISCUSSION AND ANALYSIS

Years Ended June 30, 2019, 2018 and 2017

Management's Discussion and Analysis ("MD&A") is presented to provide the readers of these annual financial reports a narrative overview and discussion of the financial activities of the Authority for the fiscal years ended June 30, 2019, 2018 and 2017. The MD&A should be read in conjunction with the financial statements and notes as a whole.

Overview of Financial Statements

This discussion and analysis is intended to serve as an introduction to the Authority's financial statements, notes to the financial statements, other information, and statistical information. The financial statements of the Authority report information using accounting methods similar to those used by private sector companies.

Statement of Net Position

This statement presents information on all of the Authority's assets, liabilities, and deferrals, with the difference between them reported as net position. Over time, increases or decreases in net position are useful indicators of whether the Authority's financial position is improving or deteriorating.

Statement of Revenues, Expenses and Change in Net Position

This statement presents information showing how the Authority's net position changed during the fiscal year.

Statement of Cash Flows

This statement presents information about the Authority's cash receipts and cash payments, or, in other words, the sources and uses of the Authority's cash and the change in balance during the fiscal year.

Notes to the Financial Statements

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

Required Supplementary Information

Certain required supplementary information is presented to provide additional context to the financial statements and notes to the financial statements.

Other Information

Certain supplementary information is presented to report compliance with trust indenture requirements, such as senior lien and subordinated debt service, as well as the debt service coverage ratio computation.

Statistical Information

Certain information is presented to report historical and trend analysis of net position, revenues, expenses, and changes in net position, toll revenues, traffic, toll rate structure, electronic tolling participation, debt capacity, demographic data, and operating information.

Financial Highlights

- › The Authority's total assets of \$2.5 billion increased \$27.6 million or 1.1% in fiscal year 2019, compared to an increase of \$56.5 million or 2.3% in fiscal year 2018.
- › The Authority's total capital assets, net, of \$2.0 billion increased \$82.0 million or 4.2% in fiscal year 2019, compared to an increase of \$69.6 million or 3.7% in fiscal year 2018.
- › The Authority's deferred outflows of resources of \$45.0 million increased \$666,000 or 1.5% in fiscal year 2019, compared to a decrease of \$9.9 million or 18.3% in fiscal year 2018.
- › The Authority's total liabilities of \$1.7 billion decreased \$28.1 million or 1.7% in fiscal year 2019, compared to an increase of \$11.4 million or 0.7% in fiscal year 2018.
- › The Authority's deferred inflows of resources of \$3.4 million increased \$467,000 or 15.9% in fiscal year 2019, compared to an increase of \$60,000 or 2.1% in fiscal year 2018.
- › The Authority's operating revenues of \$213.8 million decreased \$39.5 million or 15.6% in fiscal year 2019, compared to an increase of \$15.5 million or 6.5% in fiscal year 2018.
- › The Authority's toll and fee revenues, net of \$213.1 million decreased \$39.3 million or 15.6% in fiscal year 2019, compared to an increase of \$15.5 million or 6.5% in fiscal year 2018.
- › The Authority's operating expenses of \$78.6 million decreased \$14.9 million or 15.9% in fiscal year 2019, compared to an increase of \$5.6 million or 6.4% in fiscal year 2018.
- › The Authority's operations expenses of \$26.6 million decreased \$12.8 million or 32.5% in fiscal year 2019, compared to an increase of \$1.2 million or 3.2% in fiscal year 2018.
- › The Authority's operating income of \$135.1 million decreased \$24.6 million or 15.4% in fiscal year 2019, compared to an increase of \$9.9 million or 6.6% in fiscal year 2018.
- › The Authority funded \$139.0 million and \$107.7 million for capital projects in fiscal year 2019 and fiscal year 2018, respectively.
- › The Authority's senior bond coverage ratio was 1.82 and 2.07 for fiscal year 2019 and fiscal year 2018, respectively.

SUMMARY OF STATEMENT OF NET POSITION

	2019	2018	2017
Assets and Deferred Outflows of Resources:			
Current assets	\$ 319,772,714	\$ 375,181,381	\$ 389,656,633
Restricted non-current assets	146,574,142	145,408,767	143,901,580
Capital assets, net	2,048,399,472	1,966,390,622	1,896,759,500
Other non-current assets	1,958,862	2,117,595	2,278,940
Total Assets	2,516,705,190	2,489,098,365	2,432,596,654
Deferred outflows of resources	44,951,834	44,285,921	54,188,860
Total Assets and Deferred Outflows of Resources	2,561,657,024	2,533,384,285	2,486,785,514
Liabilities and Deferred Inflows of Resources:			
Current liabilities	167,757,964	160,001,522	106,175,632
Bonds payable, net of bond discount/premium	1,462,087,080	1,502,847,096	1,540,614,945
Derivate instrument fair market value	17,732,673	12,139,975	17,447,681
Other long-term liabilities	5,190,001	5,879,595	5,217,828
Total Liabilities	1,652,767,718	1,680,868,188	1,669,456,086
Deferred inflows of resources	3,411,593	2,944,526	2,884,042
Total Liabilities and Deferred Inflows of Resources	1,656,179,311	1,683,812,713	1,672,340,128
Net investment in capital assets	551,034,077	434,217,585	398,427,455
Restricted	261,352,535	263,415,266	281,916,814
Unrestricted	93,091,101	151,938,721	134,101,117
Total Net Position	\$ 905,477,713	\$ 849,571,572	\$ 814,445,386

Total Assets and Deferred Outflows of Resources

As of June 30, 2019 and 2018, total assets and deferred outflows of resources were approximately \$2.6 billion and \$2.5 billion, an increase of \$28.3 million or 1.1% from fiscal year 2018. As of June 30, 2018 and 2017, total assets and deferred outflows of resources were approximately \$2.5 billion in both fiscal years, an increase of \$46.6 million or 1.9% from fiscal year 2017.

As of June 30, 2019 and 2018, total assets were approximately \$2.5 billion in both years, an increase of \$27.6 million or 1.1% from fiscal year 2018. As of June 30, 2018 and 2017, total assets were approximately \$2.5 billion and \$2.4 billion, an increase of \$56.5 million or 2.3% from fiscal year 2017.

Current, Restricted Non-Current, & Other Non-Current Assets

As of June 30, 2019 and 2018, current, restricted non-current and other non-current assets (excluding capital assets/deferred) were \$468.3 million and \$522.7 million, respectively, a decrease of \$54.4 million or 10.4% from fiscal year 2018. The decrease was due primarily to the use of both restricted and unrestricted funds for capital expenditures related to ongoing capital projects.

As of June 30, 2018 and 2017, current, restricted non-current and other non-current assets (excluding capital assets) were \$522.7 million and \$535.8 million, respectively, a decrease of \$13.1 million or 2.5% from fiscal year 2017. The decrease was due primarily to the use of both restricted and unrestricted funds for capital expenditures related to ongoing capital projects.

As of June 30, 2019 and 2018, \$66.5 million and \$60.0 million in cash, respectively, was restricted for the Electronic Transaction Consultants Corporation ("ETCC") judgement that is currently under the appeal process. The increase of \$6.5 million was due to interest accruing on the unpaid judgement. See Note 10, "Litigation and Unasserted Claims", in the Notes to the Financial Statements for a more detailed discussion on Claims and Judgements. The purpose of unrestricted funds is to maintain adequate reserves and fund future fiscal years' pay-as-you-go (cash portion) of ongoing capital projects.

Capital Assets

As of June 30, 2019 and 2018, capital assets, net were \$2.0 billion for both years, an increase of \$82.0 million or 4.2% from fiscal year 2018.

As of June 30, 2018 and 2017, capital assets, net were \$2.0 billion and \$1.9 billion, an increase of \$69.6 million or 3.7% from fiscal year 2017.

For fiscal years 2019 and 2018, the additions to construction in progress included capital expenditures for capital projects of \$139.0 million and \$107.7 million, respectively; capitalized interest of \$0 and \$7.2 million, respectively; and indirect cost allocations of \$1.6 million and \$3.4 million, respectively. In accordance with GASB Statement No. 89, *Accounting for Interest Cost Incurred before the End of a Construction Period* ("GASB 89"), capitalized interest is no longer required.

Construction in Progress – Major capital projects completed, contributed, and/or placed into service during Fiscal Year 2019 included the following:

Project 10021 – System-wide ITS Improvements – This project provides funding for implementation of ITS improvements identified in the updated MDX ITS Master Plan intended to maximize the existing roadway system through the use of technology. The total project cost \$497,000.

Construction in Progress – Major on-going capital projects during Fiscal Year 2019 included the following:



Dolphin Expressway (SR 836):

Project 83611 – SR 836/I-95 Interchange Improvements – This project will provide additional capacity and improvements to SR 836 from the 17th Avenue interchange to the SR 836/I-95/I-395 interchange just north of downtown Miami, for a distance of 1.5 miles. This project will provide the option to directly access I-95 from the SR 836 interchange at NW 12th Avenue without having to enter SR 836 eastbound, as well as the option to exit from I-95 southbound to NW 14th Street and NW 12th Avenue, without having to enter SR 836 westbound. The improvements address the safety, mobility,

and community needs in the project area. MDX is partnering with the Florida Department of Transportation ("FDOT") for the construction of this project. In July 2018 the contract for the design-build services was awarded for a duration of four years. The total project cost is estimated at \$242 million, with \$40.1 million expended in fiscal year 2019.

Project 83618 – SR 836 Southwest Extension/Kendall Parkway – This project provides for the planning, right-of-way acquisition, design and construction of a new 14-mile expressway extension of SR 836 from NW 137th Avenue to SW 136th Street. The project is envisioned as a multimodal facility to also include express transit buses that would address the existing transportation needs of a vast community of residents living in the south western areas of Miami-Dade County west of the Homestead Extension of the Florida's Turnpike ("HEFT"). The project components include the mainline, widening of the existing SR 836 extension; improvements to SW 157th Avenue, SW 137th Avenue, Bird Road, Kendall Drive, SW 104th Street, SW 120th Street and SW 136th Street; two transit stations and park & ride facilities; and a recreational multi-use trail. The Project Development & Environment (PD&E) study is scheduled to be completed in December 2019. Final design for some components will begin in fiscal year 2020. The total cost for the project is \$1.1 billion, with \$10 million expended in fiscal year 2019.



Project 83628 – SR 836 Operational, Capacity and Interchange Improvements – This project will alleviate congestion along SR 836 by providing additional travel lanes from NW 57th Avenue to NW 17th Avenue, improve safety by providing right-hand exits and other improvements at interchanges at NW 57th Avenue, NW 42nd Avenue, and NW 27th Avenue. The design-build phase of this project began in April 2015 and completion is anticipated early fiscal year 2020. The total project cost is \$195.5 million, with \$40.7 million expended in fiscal year 2019.

Project 83629 – SR 836 Interchange Modifications at 87th Avenue – This project provides for the reconstruction of the SR 836 and NW 87th Avenue interchange west of the



SR 826/SR 836 interchange improvement's project limits. These improvements tie into the Authority's completed improvements to SR 836 on the west and FDOT's SR 826/SR 836 interchange improvements on the east, and enhance operations on the SR 836 corridor. The construction is underway with anticipated completion in early fiscal year 2020. Added to this project is the reconstruction of NW 82nd Avenue from NW 7th Street to NW 12th Street for direct connection beneath SR 836 as a contributory asset to Miami-Dade County; as well as the construction of NW 7th Street from 76th Avenue to 79th Avenue for direct connection beneath SR 826, and the Midway pump station to be fully funded by Miami-Dade County. The construction of that scope will begin in fiscal year 2020. The total project cost is \$104.9 million, with \$18.8 million expended in fiscal year 2019.

Project 83634 – SR 836 New HEFT Ramp Connections – This project consists of new ramps from eastbound SR 836 to northbound HEFT and southbound HEFT to westbound SR 836. It also includes ramps to and from the Dolphin Station Park & Ride to provide direct access for western Miami-Dade County as an alternative to NW 12th Street, which is at capacity. It also includes the southbound HEFT to westbound SR 836 express lane ramp bridge, funded by Florida's Turnpike Enterprise ("FTE"), to provide direct access to westbound SR 836 for future FTE southbound Express Lane users. These ramps were originally contemplated to be part of MDX's SR 836 Southwest Extension project (Project 83618) which is currently in the PD&E phase. In light of the FTE advancing the construction of their project to alter the current interchange and HEFT mainline configuration, MDX accelerated the MDX ramps. This allows MDX to work with FTE on a unified interchange project that will yield significant efficiencies and eliminate future throwaway costs. The design-build phase is anticipated to begin in FY 2020. The total project cost is \$57.3 million, with \$124,000 expended in fiscal year 2019.



**Don Shula
Expressway (SR
874):**

Project 87410 – SR 874 Ramp Connector to SW 128th Street – This project will provide alternative expressway access in the area, reducing congestion and providing additional connectivity and mobility to the rapidly growing area of southwest Miami-Dade County. The project will provide greater accessibility to major

employment and activity centers located east of this area. A portion of this project is currently being constructed by FTE under an inter-local agreement with MDX as part of a larger project to widen the HEFT and reconstruct the HEFT/SR 874 interchange. This project also includes the reconstruction of SW 127th Avenue between SW 130th Street and SW 124th Street, funded by Miami-Dade County, as well as improvements to SW 128th Street west of the HEFT which will be a contributory asset from MDX to Miami-Dade County. The design-build phase is underway with anticipated completion in fiscal year 2021. The total project cost is \$109 million, with \$9.1 million expended in fiscal year 2019.

Gratigny Parkway (SR 924):

Project 92404 – SR 924 Extension West to the Homestead Extension of the Florida's Turnpike – This project entails the expressway extension from SR 924 west to the Homestead Extension of the Florida's Turnpike (HEFT) including the improvements to NW 107th Ave from NW 138th Street to NW 170th Street which is funded by Miami-Dade County, together with the City of Hialeah and the City of Hialeah Gardens. Only certain right-of-way and the construction of substructure in critical areas is funded by MDX and will be procured and managed by the Florida's Turnpike Enterprise ("FTE"). The balance of the MDX project is on hold due to funding considerations. Included in this project is the cost of a 1.6-mile section of NW 138th Street that was reconstructed to a predominantly six-lane section and transferred to MDX by Miami-Dade County in a prior fiscal year. The design-build phase is scheduled to begin in fiscal year 2020 pending review of needed funding. The total project cost is \$60 million, with \$3.8 million expended in fiscal year 2019.

Project 92408 – SR 924 Partial Interchange at NW 67th Avenue

- This project will construct a new westbound on-ramp and off-ramp on SR 924 at NW 67th Avenue and new eastbound on-ramp from NW 67th Avenue. This partial interchange will provide congestion relief to the cities of Miami Lakes and Hialeah by providing additional traffic movements at SR 924 and NW 67th Avenue. The design-build phase is anticipated to begin in fiscal year 2021 pending review of needed funding. The total project cost is \$32.4 million, with \$467,000 expended in fiscal year 2019.

Other:

Project 50001 – Dolphin Station Park & Ride - MDX is managing the construction of the Dolphin Station Park & Ride facility/

terminal transit facility. FDOT and Miami-Dade County funded \$11.1 million of the project cost, with the balance being funded by MDX. The Dolphin Station Park & Ride facility/ terminal transit facility will support the SR 836 Express Transit Service, provide a terminus or stop for several local bus routes serving the Dolphin Mall and the cities of Sweetwater and Doral. The project has been completed but is not yet in operation pending execution of an agreement to transfer the facility to MDX. The total project cost is \$20.8 million, with \$1.3 million expended in fiscal year 2019.

(See Note 4, "Capital Assets", in the Notes to the Financial Statements for more information.)

Deferred Outflows of Resources

As of June 30, 2019 and 2018, the Authority's deferred outflows of resources totaled \$45.0 million and \$44.3 million, respectively.

Fiscal year 2019 deferred outflows of resources increased \$666,000 or 1.5% from fiscal year 2018; primarily due to an increase of the negative fair value of the derivative of \$5.6 million, partially offset by net deferred refunding amounts amortization of \$4.6 million and deferred outflows of resources related to pensions of \$400,000.

Fiscal year 2018 deferred outflows of resources decreased \$9.9 million or 18.3% from fiscal year 2017; primarily due to a decrease in the negative fair value of the derivative of \$5.3 million and amortization on previously deferred amounts of \$4.9 million, partially offset by deferred outflows of resources related to pensions of \$346,000.

	2019	2018	2017
Interest Rate Swap Derivative instrument	\$ 17,732,673	\$ 12,139,975	\$ 17,447,681
Deferred charges due to refundings	24,623,924	29,177,550	34,118,553
Pension	2,595,237	2,968,396	2,622,626
Total Deferred Outflows	\$ 44,951,834	\$ 44,285,921	\$ 54,188,860

Total Liabilities and Deferred Inflows of Resources

As of June 30, 2019, 2018 and 2017, total liabilities and deferred inflows of resources were approximately \$1.7 billion in all three fiscal years, a decrease of \$27.6 million or 1.6% from 2018, compared to an increase of \$11.5 million or 0.7% from 2017.

As of June 30, 2019, 2018 and 2017, total liabilities were approximately \$1.7 billion in all three fiscal years, a decrease of \$28.1 million or 1.7% from 2018, compared to an increase of \$11.4 million or 0.7% from 2017.

Current Liabilities

As of June 30, 2019 and 2018, the Authority's current liabilities totaled \$167.8 million and \$160.0 million, respectively. Fiscal year 2019 current liabilities increased \$7.8 million or 4.8% from fiscal year 2018, primarily due to interest on 2018 judgement related to the ETCC litigation of \$5.2 million, an increase in accrued expenses of \$4.5 million, and the current portion of revenue and refunding bonds payable of \$3.2 million, partially offset by a decrease in accounts payable of \$4.6 million and accrued interest payable of \$621,000.

As of June 30, 2018 and 2017, the Authority's current liabilities totaled \$160.0 million and \$106.2 million, respectively. Fiscal

year 2018 current liabilities increased \$53.8 million or 50.7% from fiscal year 2017, primarily due to a judgement related to the ETCC litigation of \$61.3 million, an increase in accounts payable of \$10.8 million, and the current portion of revenue and refunding bonds payable of \$4.9 million, partially offset by a decrease in accrued expenses of \$22.7 million and accrued interest payable of \$472,000.

See Note 10, "Litigation and Unasserted Claims", in the Notes to the Financial Statements for a more detailed discussion on Claims and Judgements.

Bonds Payable, net of Bond Discounts/Premium

	2019	2018	2017
Bonds outstanding	\$ 1,407,010,000	\$ 1,434,595,000	\$ 1,457,320,000
Net bond discounts/premium	85,887,080	95,837,096	106,019,945
Total Revenue Bonds, net	1,492,897,080	1,530,432,096	1,563,339,945
Current portion of revenue bonds payable	(30,810,000)	(27,585,000)	(22,725,000)
Total Long-Term Revenue Bonds	\$1,462,087,080	\$1,502,847,096	\$1,540,614,945

As of June 30, 2019 and 2018, the Authority's outstanding long-term bonds payable totaled \$1.5 billion in both fiscal years (net of current portion, bond discounts/premium). As of June 30, 2019 and 2018, the Authority's long-term bonds consist of 94.5% fixed rate and 5.5% variable rate in both fiscal years.

As of June 30, 2018 and 2017, the Authority's outstanding long-term bonds payable totaled \$1.5 billion in both fiscal years (net of current portion, bond discounts/premium). As of June 30, 2018 and 2017, the Authority's long-term bonds consist of 94.5% fixed rate and 5.5% variable rate in both fiscal years.

See Note 6, "Long-Term Liabilities", in the Notes to the Financial Statements for a more detailed discussion.

Net Pension Liability

As of June 30, 2019, 2018 and 2017, net pension liability totaled \$5.2 million, \$5.9 million, and \$5.2 million, respectively. This increase was based on information provided by the State of Florida Retirement System ("FRS").

Derivative Instrument Fair Market Value

As of June 30, 2019 and 2018, derivative instrument fair market value ("FMV") totaled \$17.7 million and \$12.1 million, respectively. The negative FMV increase was due to market fluctuation on the outstanding swap related to derivative instrument of the Toll System Revenue Bonds, Series 2005 of \$77.3 million.

As of June 30, 2018 and 2017, derivative instrument fair market value ("FMV") totaled \$12.1 million and \$17.4 million, respectively. The negative FMV decrease was due to market fluctuation on the outstanding swap related to derivative instrument of the Toll System Revenue Bonds, Series 2005 of \$78.5 million.

Deferred Inflows of Resources

As of June 30, 2018 and 2017, deferred inflows of resources totaled \$3.4 million and \$2.9 million, respectively.

	2019	2018	2017
Deferred charges due to refundings	\$ 2,469,210	\$ 2,634,222	\$ 2,799,233
Pension	942,383	310,304	84,809
Total Deferred Inflows	\$ 3,411,593	\$ 2,944,526	\$ 2,884,042

Fiscal year 2019 deferred inflows of resources decreased \$467,000 or 15.9% from fiscal year 2018, due to a decrease in deferred charges due to current year amortization of refundings, partially offset by an increase related to pensions.

Fiscal year 2018 deferred inflows of resources increased \$60,000 or 2.1% from fiscal year 2017; due to an increase in deferred inflows of resources related to pensions of \$225,000, partially offset by amortization on previously deferred amounts of \$165,000.

Net Position

As of June 30, 2019 and 2018, the net position totaled \$905.5 million and \$849.6 million, respectively, an increase of \$55.9 million or 6.6%. As of June 30, 2019 and 2018, net position is comprised of net investment in capital assets of \$551.0 million and \$434.2 million, respectively; restricted of \$261.4 million and \$263.4 million, respectively; and unrestricted of \$93.1 million and \$151.9 million, respectively.

As of June 30, 2018 and 2017, the net position totaled \$849.6 million and \$814.4 million, respectively, an increase of \$35.1 million or 4.3%. Net position is comprised of net investment in capital assets of \$434.2 million and \$398.4 million, respectively; restricted of \$263.4 million and \$281.9 million, respectively; and unrestricted of \$151.9 million and \$134.1 million, respectively.

STATEMENT OF REVENUES, EXPENSES AND CHANGE IN NET POSITION

	2019	2018	2017
Operating Revenues:			
Toll and fee revenues, net	\$ 213,071,156	\$ 252,408,004	\$ 236,931,810
Other revenues	701,044	871,826	889,982
Total Operating Revenues	213,772,200	253,279,831	237,821,792
Operating Expenses:			
Operations	26,623,552	39,470,061	38,255,772
Maintenance	7,893,254	9,229,110	6,773,420
Administration	5,591,362	6,092,349	7,547,046
Depreciation and amortization	38,527,703	38,706,616	35,322,717
Total Operating Expenses	78,635,871	93,498,136	87,898,954
Total Operating Income	135,136,330	159,781,695	149,922,838
Non-Operating Revenues (Expenses):			
Investment income	11,201,691	7,274,655	4,755,154
Miscellaneous income	-	121,112	73,636
Interest expense	(70,420,048)	(59,375,695)	(59,483,495)
Bond issuance expense	-	-	(767,428)
Disposal of assets	(20,011,832)	(246,209)	(4,685,759)
Claims and judgements	-	(61,298,717)	-
Contributions to other governments	-	(13,622,873)	(3,474,053)
Total Non-Operating Revenues (Expenses)	(79,230,189)	(127,147,727)	(63,581,945)
Income before Contributions	55,906,141	32,633,968	86,340,893
Contributions from other governments	-	2,492,218	80,133,081
Change in Net Position	55,906,141	35,126,186	166,473,975
Net Position, Beginning of Year	849,571,572	814,445,386	647,971,411
Net Position, End of Year	\$ 905,477,713	\$ 849,571,572	\$ 814,445,386

Operating Revenues

Total operating revenues were \$213.8 million and \$253.3 million for fiscal years 2019 and 2018, respectively. Total operating revenues for fiscal year 2019 decreased \$39.5 million or 15.6% over fiscal year 2018, compared to an increase of \$15.5 million or 6.5% over fiscal year 2017. Fiscal year 2019 and 2018, total operating revenues consist of toll and fee revenues, net, of \$213.1 million and \$252.4 million, respectively, and other revenues of \$701,000 and \$872,000, respectively.

Toll and Fee Revenues, net

Toll revenues are comprised of SunPass[®] and Toll-By-Plate ("TBP"). Customers with an active SunPass[®] prepaid account maintain highway speeds while passing through tolling points and the toll amount is deducted from their prepaid account balance. Customers who do not have an active SunPass[®] prepaid account will receive a TBP invoice with an image of their license plate and a listing of all their toll transactions at the TBP rate. Fee revenues consist of late fees collected on unpaid balances, and distributed to the Authority in accordance with an agency participation agreement. Toll and fee revenues are recognized on a cash basis, with a receivable booked for wires in-transit based on the date transactions are processed by the Florida Centralized Customer Service System ("CCSS").

For fiscal year 2019, toll and fee revenues, net, were comprised of net SunPass[®] of \$175.4 million or 82.3%, TBP of \$28.3 million or 13.3%, and recovery and fee revenues of \$9.4 million or 4.4%. SunPass[®] gross revenue was \$181.4 million, offset by the Frequent Driver Rewards Program ("FDR") rebate of \$6.0 million. TBP revenue was \$14.6 million, plus collections on prior year doubtful accounts of \$13.7 million. The total net toll and fee revenues decrease of \$39.3 million or 15.6% is due primarily to a delay in TBP invoicing until February 2019 as result of the transition to the CCSS, Board action to reduce toll rates starting July 1, 2018, and the approval of a rebate for the FDR in fiscal year 2019.

For fiscal year 2018, toll and fee revenues, net, were comprised of SunPass[®] of \$189.5 million or 75.1%, TBP, which is net of allowance, of \$50.6 million or 20.0%, and recovery and fee revenues of \$12.4 million or 4.9%. TBP gross revenue was \$67.6 million, less an allowance for doubtful accounts of \$17.0 million, which yielded net TBP revenue of \$50.6 million. The total net toll and fee revenues increase of \$15.5 million or 6.5% is due in part to an increase in TBP invoices during the first few months of fiscal year 2018 pertaining to transactions from the prior year, as well as continuing transaction growth of the system.

The FDR was implemented during fiscal year 2015 and was offered to SunPass[®] prepaid customers who registered with the Authority in order to be eligible to receive a rebate of a portion of their tolls spent during the fiscal year. As a result of state legislation in 2018 requiring a minimum reduction of 5% in the SunPass[®] toll rate, the Authority's Board took action and reduced toll rates effective July 1, 2018 to all users traveling on the Authority's system, with an annual financial impact of approximately \$15.6 million. As result, there was no FDR rebate in fiscal year 2018. The total cost of the FDR to the Authority in fiscal year 2019 was \$6.0 million. The FDR was recorded as an offset to SunPass[®] revenue.

Other Revenues

Other revenues were \$701,000 and \$872,000 for fiscal years 2019 and 2018, respectively. Other revenues consist of leasing excess parcels, permits, and other miscellaneous revenue. For fiscal year 2019, lease revenue decreased due to vacant right-of-way property.

Operating Expenses

Total operating expenses (including depreciation and amortization) were \$78.6 million and \$93.5 million for fiscal years 2019 and 2018, respectively. Operating expenses decreased \$14.9 million or 15.9% over fiscal year 2018, compared to an increase of \$5.6 million or 6.4% over fiscal year 2017. In fiscal year 2019 and 2018, operating expenses (excluding depreciation expenses) were \$40.1 million and \$54.8 million, a decrease of \$14.7 million or 26.8% over fiscal year 2018, compared to an increase of \$2.2 million or 4.2% over fiscal year 2017.

In fiscal year 2018, in order to be consistent with reporting requirements and comparable with other transportation authorities subject to oversight by the Florida Transportation Commission (the "Commission"), the Authority reclassified certain operating expenses between the Operations, Maintenance, and Administration categories. Prior years were not reclassified.

Operations

Operations expenses were \$26.6 million and \$39.5 million for fiscal years 2019 and 2018, respectively.

In fiscal year 2019, operations decreased \$12.8 million or 32.5%, primarily due to \$7.4 million in lower billing costs and \$1.2 million in postage as a result of the transition to the CCSS, \$3.1 million in savings of FDOT pass-through costs related to vendor disincentives deductions due to CCSS transition issues, \$830,000 in new contract rate savings on in-lane software and hardware maintenance costs, lower image review costs of \$590,000 due to the consolidation under one provider and efficiencies in the image review process, a reduction of \$430,000 in public awareness costs due to the suspension of the FDR in fiscal year 2018, and \$160,000 in salaries taxes and benefits related to reduced overtime due to the completion of ORT projects and year-end pension related adjustments; partially offset by an increase of \$540,000 due to no indirect cost allocation as a result of ORT project completion, increases in utilities, parts, and roadway operations services of \$260,000, and increased Park & Ride costs for preparation to commence operations of \$110,000.

In fiscal year 2018, operations increased \$1.2 million or 3.2%, primarily due to operations professional services of \$1.0 million, along with operations personnel and general costs of approximately \$905,000, that were reclassified from Administration, and general engineering consultant ("GEC") support costs of \$655,000, and \$270,000 in utilities and other operations costs; partially offset by a decrease of \$715,000 due to a transition from the in-lane legacy provider, \$475,000 in savings due to the end of year conversion to the Centralized Customer Service System ("CCSS"), and Intelligent Transportation Systems ("ITS") parts of \$450,000 including a reversal of a prior year accrual for a Connected Vehicle pilot program that was cancelled.

Maintenance

Maintenance expenses were \$7.9 million and \$9.2 million for fiscal years 2019 and 2018, respectively. In fiscal year 2019 maintenance costs decreased \$1.3 million or 14.5%, primarily due to costs for periodic maintenance and safety improvements of \$590,000 that were not completed until fiscal year 2020, lower landscape maintenance costs of \$590,000 that were elevated in the prior year due to Hurricane Irma, structural inspection expenses of \$190,000 based on variations in the bi-annual cycle of inspections, and \$130,000 in disincentives assessed on roadway maintenance costs; partially offset by an increase in general engineering consultant support related to re-certification closeouts of right-of-way property, and \$60,000 in other maintenance costs.

In fiscal year 2018 maintenance costs increased \$2.5 million or 36.3%, primarily due to costs for periodic maintenance and safety improvements of \$1.9 million primarily related to a conversion to LED roadway lighting and Hurricane Irma cleanup, general engineering consultant maintenance support of \$215,000, structural inspections expenses of \$125,000 based on variations in the bi-annual cycle of inspections, and maintenance personnel and general costs of \$185,000 that were reclassified from Administration.

Administration

Administration expenses were \$5.6 million and \$6.1 million for fiscal years 2019 and 2018, respectively. In fiscal year 2019, administration expenses decreased \$500,000 or 8.2% due primarily to \$1.1 million in lower professional service costs as a result of suspension of certain tasks and initiatives due to legislative issues, and \$290,000 due to a reduction in personnel and year-end pension related adjustments; partially offset by an increase \$890,000 due to lower indirect costs reallocated to capital as a result of project completions.

In fiscal year 2018, administration expenses decreased \$1.5 million due to administration personnel costs of \$445,000, and general expenses of \$350,000, as well as professional services of \$1.7 million, along with personnel and general administration costs of \$1.1 million reclassified to Operations and Maintenance; partially offset by an increase of \$1.8 million due to litigation, remaining administration professional services of \$300,000, and \$90,000 due to lower indirect costs reallocated to capital.

Depreciation and Amortization

Total depreciation and amortization were \$38.5 million and \$38.7 million for fiscal years 2019 and 2018, respectively. Depreciation and amortization expense decreased \$180,000 or 0.5% in fiscal year 2019, compared to an increase of \$3.4 million or 9.6% in fiscal year 2018. The increase in fiscal year 2018 was due to full year depreciation from assets placed in service during the fiscal year.

Non-Operating Revenue

Investment Income

Investment income was \$11.2 million and \$7.3 million for fiscal years 2019 and 2018, respectively. Investment income increased \$3.9 million or 54.0% in fiscal year 2019, compared to an increase of \$2.5 million or 53.0% in fiscal year 2018.

The increase for fiscal year 2019 was primarily due to higher reinvestment yields on investments and the change in fair market value on investment income. In fiscal year 2019 and 2018, the change in fair market value on investment income was \$4.7 million and \$2.3 million, respectively.

The increase for fiscal year 2018 was primarily due to higher reinvestment yields on investments and the change in fair market value on investment income. In fiscal year 2018 and 2017, the change in fair market value on investment income was \$2.3 million and \$1.5 million, respectively.

Non-Operating Expenses

Interest Expense

Interest expense was \$70.4 million and \$59.4 million for fiscal years 2019 and 2018, respectively. Interest expense increased \$11.0 million or 18.6% in fiscal year 2019, compared to a decrease of \$110,000 or 0.2% in fiscal year 2018.

For fiscal year 2019, the increase was due to interest on prior year's judgement/claim of \$5.2 million and capitalized interest, which is no longer required in accordance with GASB 89.

For fiscal year 2018, the decrease was primarily due to a decrease in senior bond interest of \$1.1 million partially offset by an offset for capitalized interest of \$3.6 million, and amortization expense of \$2.5 million

Disposal of Assets

Disposal of assets were \$20.0 million and \$246,000 for fiscal years 2019 and 2018, respectively. In fiscal year 2019 the disposals were primarily due to infrastructure assets, primarily roadway related assets, removed as part of various capital work program projects.

In fiscal year 2018 the disposals were primarily was due to the Construction Information Exchange Network development project that was suspended and discontinued.

Contributions from/to Other Governments

Contributions from/to other governments represent amounts received from and donated to other entities for design and/or construction of capital projects and land acquisition.

Contributions from other governments were \$0, \$2.5 million, and \$80.1 million for fiscal years 2019, 2018, and 2017, respectively. Fiscal year 2018 was due funding received from Miami-Dade County for Project 50001, Dolphin Park & Ride. The Authority is developing the Dolphin Park & Ride station on the behalf of the Miami-Dade Transportation and Public Works department. Fiscal year 2017 was mainly due capital assets transferred from FDOT related to joint Project 83608, SR826/836 interchange.

Contributions to other governments were \$0, \$13.6 million, and \$3.5 million for fiscal years 2019, 2018 and 2017, respectively.

	2019	2018	2017
Contribution from Other Governments			
Project 83608 SR 836/SR 826 Interchange	\$ -	\$ -	\$ 77,558,054
Dolphin Station Park & Ride	-	2,494,218	2,575,028
Project 11211 Central Blvd. construction grant	-	-	-
Subtotal	-	2,492,218	80,133,081
Contribution to Other Governments			
Project 83631 off-system related sign panels	-	-	(242,000)
Project 10019 off-system related paving/guardrail	-	-	(112,214)
Dolphin Station Park & Ride	-	(2,492,218)	(3,119,839)
MIA-Central Blvd. reconstruction	-	-	-
ORT off-system related sign panels	-	-	-
Killian Parkway improvements	-	-	-
Project 40047 Centralized Customer Service System	-	(11,130,655)	-
Subtotal	-	(13,622,873)	(3,474,053)
Net Contribution	\$ -	\$ (11,128,655)	\$ 76,659,029

Debt Ratios

The Authority's senior lien debt service coverage ratio for all bonds was 1.82 in fiscal year 2019, 2.07 in fiscal year 2018, and 1.99 in fiscal year 2017. The Authority's ratio of net revenues to total debt service and other funding payments was 1.06 in fiscal year 2019, 1.10 in fiscal year 2018, and 1.85 in fiscal year 2017.

For fiscal year 2019, the Authority paid \$101.4 million to senior debt bondholders and \$72.5 million in other funding payments. Funding payments mainly are due to deposits to the renewal and replacement fund for long-term renewal and replacement and the cash portion of projects. The decrease in senior coverage compared to prior year was due to a decrease in net revenues for coverage purposes of \$20.9 and increase in senior debt service of \$2.0 million. For fiscal year 2019, principal payments increased by \$3.2 million. Interest payments for fiscal year 2019 decreased by \$1.3 million.

For fiscal year 2018, the Authority paid \$99.4 million to senior debt bondholders and \$87.3 million in other funding payments. Funding payments mainly are due to deposits to the renewal and replacement fund for the cash portion of projects. The increase in senior coverage compared to prior year was due to an increase in net revenues of \$15.8; partially offset by an increase in senior debt service of \$3.7 million. For fiscal year 2018, principal payments increased by \$4.9 million due to an increase in principal payments of \$2.8 million for the Series 2013A Bonds, \$1.5 million for the Series 2010A Bonds, \$410,000 for the Series 2014B Bonds, and \$170,000 for the Series 2005 Bonds. Interest payments for fiscal year 2018 decreased by \$1.1 million, primarily due to the Series 2006 Bonds of \$1.2 million which were refunded via the Series 2016A Bonds issuance, and several series of bonds of \$950,000 due to lower outstanding balances, partially offset by \$1.0 million related to the issuance of Series 2016A Bonds.

DEBT SERVICE FOR ALL BONDS

	2019			2018		
	Principal	Interest	Total	Principal	Interest	Total
Series 2005 (variable)	\$ 1,170,000	\$ 4,347,308	\$ 5,517,308	\$ 1,170,000	\$ 4,362,945	\$ 5,532,945
Series 2010A	15,065,000	17,661,804	32,726,804	8,585,000	18,005,206	26,590,206
Series 2013A	9,845,000	11,992,875	21,837,875	13,190,000	12,652,375	25,842,375
Series 2013B	-	3,737,500	3,737,500	-	3,737,500	3,737,500
Series 2014A	-	15,572,492	15,572,492	-	15,572,491	15,572,491
Series 2014B	4,730,000	12,502,500	17,232,500	4,640,000	12,734,500	17,374,500
Series 2016A	-	4,791,000	4,791,000	-	4,791,000	4,791,000
Senior Debt Service	\$ 30,810,000	\$ 70,605,479	\$ 101,415,479	\$ 27,585,000	\$ 71,856,016	\$ 99,441,016
Other Funding- Annual Renewal & Replacement (Funds transferred from Revenue Fund)			\$ 72,571,211			\$ 87,314,221
All Debt Service And All Other Funding Payments			\$173,986,689			\$186,755,237

FISCAL YEARS

	2019	2018	2017
Net revenues	\$ 184,865,722	\$ 205,762,965	\$ 190,000,710
Senior lien debt service	\$ 101,415,479	\$ 99,441,016	\$ 95,716,902
Ratio of Debt Service Coverage	1.82	2.07	1.99
All funding requirements	\$ 72,571,210	\$ 87,314,221	\$ 6,764,520
Senior debt & all funding requirements	\$ 173,986,689	\$ 186,755,237	\$ 102,481,421
Ratio of Debt & All Funding Requirements	1.06	1.10	1.85

Economic and Authority Outlook

See Note 10, "Litigation and Unasserted Claims", in the Notes to the Financial Statements regarding legislative actions on Miami-Dade Expressway Authority dissolution and creation of the Greater Miami Expressway Agency.

Significant Project(s)

One of the most significant System Expansion is Kendall Parkway (Project #83618), a 14-mile multimodal transportation project which will extend the Dolphin Expressway (SR 836) from northwest 137th avenue to southwest 136th street. The Parkway will provide residents in the western portion of the County several transportation options. The Parkway will include two park and ride facilities, an express bus service,

and a recreational trail. Another unique aspect of the Parkway is that over a thousand acres of land will be placed into trust to be preserved in perpetuity in its natural state. Total Project cost is estimated at \$1 billion of which \$800 million is within fiscal year work program 2020-2024 and an additional \$200 million beyond fiscal year 2025.

Requests for Information

This financial report is designed to provide a general overview of the Authority's 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, Miami-Dade Expressway Authority, 3790 N.W. 21st Street, Miami, FL 33142. This CAFR and prior fiscal years are available at the Authority's website: www.mdxway.com.

STATEMENT OF NET POSITION
 JUNE 30, 2019 AND 2018

	2019	2018
Assets		
Current Assets:		
Cash and cash equivalents	\$ 18,198,652	\$ 65,636,979
Restricted cash and cash equivalents	245,979,332	188,499,311
Investments	39,584,592	46,242,150
Restricted investments	-	49,774,685
Accounts receivable, net	10,472,181	23,647,976
Prepaid operating and maintenance	5,537,957	1,380,280
Total Current Assets	319,772,714	375,181,381
Restricted Non-Current Assets:		
Restricted cash and cash equivalents	27,264,638	41,300,907
Restricted investments	119,309,504	104,107,860
Total Restricted Non-Current Assets	146,574,142	145,408,767
Capital Assets:		
Right to operate the system	76,644,762	76,644,762
Construction in process	502,878,047	398,758,841
Other non-depreciable capital assets	610,035,509	601,830,807
Depreciable capital assets, net	858,841,153	889,156,211
Total Capital Assets, Net	2,048,399,472	1,966,390,622
Other Non-Current Assets	1,958,862	2,117,595
Total Non-Current Assets	2,196,932,476	2,113,916,983
Total Assets	2,516,705,190	2,489,098,364
Deferred Outflows of Resources	44,951,834	44,285,921
Total Assets and Deferred Outflows of Resources	\$ 2,561,657,024	\$ 2,533,384,285

STATEMENT OF NET POSITION (Continued)
JUNE 30, 2019 AND 2018

	2019	2018
Liabilities		
Current Liabilities:		
Accounts and contracts payable	\$ 26,442,593	\$ 31,052,773
Accrued expenses and other liabilities	10,498,903	5,953,429
Claims and judgements payable	66,515,955	61,298,717
Accrued interest payable	33,490,514	34,111,603
Current portion of bonds payable	30,810,000	27,585,000
Total Current Liabilities	167,757,964	160,001,522
Long-Term Liabilities:		
Bonds payable, net of bond discounts/premium	1,462,087,080	1,502,847,096
Net pension liability	5,190,001	5,879,595
Derivative instrument fair market value	17,732,673	12,139,975
Total Long-Term Liabilities	1,485,009,754	1,520,866,666
Total Liabilities	1,652,767,718	1,680,868,188
Deferred Inflows of Resources	3,411,593	2,944,526
Total Liabilities and Deferred Inflows of Resources	1,656,179,311	1,683,812,713
Net Position		
Net investment in capital assets	551,034,077	434,217,585
Restricted for:		
Debt service	153,468,326	150,151,422
Operations and maintenance	9,999,800	6,674,172
Renewal and replacement	97,884,409	106,589,672
Unrestricted	93,091,101	151,938,721
Total Net Position	\$ 905,477,713	\$ 849,571,572

The accompanying notes are an integral part of the Authority's financial statements.

STATEMENT OF REVENUES, EXPENSES AND CHANGE IN NET POSITION
 JUNE 30, 2019 AND 2018

	2019	2018
Operating Revenues:		
Toll revenues, net	\$ 203,691,489	\$ 239,972,762
Fee revenues	9,379,667	12,435,242
Other revenues	701,044	871,826
Total Operating Revenues	213,772,200	253,279,831
Operating Expenses:		
Operations	26,623,552	39,470,061
Maintenance	7,893,254	9,229,110
Administration	5,591,362	6,092,349
Depreciation and amortization	38,527,703	38,706,616
Total Operating Expenses	78,635,871	93,498,136
Operating Income	135,136,330	159,781,695
Non-Operating Revenues/(Expenses):		
Investment income	11,201,691	7,274,655
Miscellaneous income	—	121,112
Interest expense	(70,420,048)	(59,375,695)
Disposal of assets	(20,011,832)	(246,209)
Claims and judgements	—	(61,298,717)
Contributions to other governments	—	(13,622,873)
Total Non-Operating Revenues (Expenses), Net	(79,230,189)	(127,147,727)
Income Before Contributions	55,906,141	32,633,968
Contributions From Other Governments	—	2,492,218
Change in Net Position	55,906,141	35,126,186
Net Position, Beginning of Year	849,571,572	814,445,386
Net Position, End of Year	\$ 905,477,713	\$ 849,571,572

The accompanying notes are an integral part of the Authority's financial statements.

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STATEMENT OF CASH FLOWS
 JUNE 30, 2019 AND 2018

	2019	2018
Operating Activities:		
Cash received from customers and users	\$ 227,689,367	\$ 234,547,051
Payments to consultants and vendors	(43,502,714)	(48,076,580)
Payments to employees	(7,069,270)	(7,274,998)
Cash received from other operating revenues	368,895	1,057,075
Net Cash Flows from Operating Activities	177,486,279	180,252,548
Capital and Related Financing Activities:		
Acquisition and construction of capital assets	(133,329,759)	(101,705,693)
Acquisition of land	(8,204,702)	(15,491,833)
Interlocal agreements	877,126	—
Proceeds from capital contributions	5,500,000	1,038,729
Contributions for capital assets to other governments	—	(2,492,218)
Payments of principal for bonds	(27,585,000)	(22,725,000)
Payments of interest for bonds	(71,226,569)	(72,328,489)
Net Cash Flows from Capital and Related Financing Activities	(233,968,904)	(213,704,505)
Cash Flows From Investing Activities:		
Purchase of investments	(309,733,643)	(374,650,105)
Proceeds from sales or maturities of investments	355,703,000	391,663,809
Interest and dividends received	6,518,694	5,006,523
Net Cash Flows from Investing Activities	52,488,051	22,020,228
Net Increase (Decrease) in Cash and Cash Equivalents:	(3,994,575)	(11,431,729)
Cash and cash equivalents at beginning of year	295,437,197	306,868,926
Cash and cash equivalents at end of year	\$ 291,442,623	\$ 295,437,197
Cash and Cash Equivalents		
Unrestricted - current	\$ 18,198,652	\$ 65,636,979
Restricted - current	245,979,332	188,499,311
Restricted - non-current	27,264,638	41,300,907
	\$ 291,442,623	\$ 295,437,197

STATEMENT OF CASH FLOWS (Continued)
JUNE 30, 2019 AND 2018

	2019	2018
Reconciliation of Operating Income to Net Cash		
<i>Provided by Operating Activities:</i>		
Operating income	\$ 135,136,330	\$ 159,781,695
Adjustments to reconcile operating income to net cash provided by operating activities:		
Depreciation and amortization on capital assets	38,527,702	38,706,616
Bad debt expense	(13,640,872)	16,995,052
Changes in assets and liabilities:		
Accounts receivable	69,391,942	(28,658,179)
Allowance write-off	(48,131,036)	—
FDR Program	5,983,754	(5,838,718)
Toll overpayments	(48,739)	(157,722)
Unearned other revenue	56,632	(15,628)
Prepaid operating and maintenance cost	(4,157,676)	28,492
Accounts/contracts payable and accrued expenses	(5,631,758)	(589,061)
Net Cash Provided by Operating Activities	\$ 177,486,279	\$ 180,252,548
<i>Supplemental Schedule of Noncash Investing, Capital, and Financing Activities:</i>		
Amortization expense due to bonds	\$ 9,791,283	\$ 10,021,504
Deferred outflows of resources due to refundings	\$ (4,388,614)	\$ (4,775,992)
Disposal of assets	\$ (20,011,832)	\$ (246,209)
Contributions for capital projects to other governments	\$ —	\$ (13,622,873)
Contributions for capital projects from other governments	\$ —	\$ 2,492,218
Fair market value of investments increase (decrease)	\$ 4,738,757	\$ 2,275,769

The accompanying notes are an integral part of the Authority's financial statements.

NOTES TO FINANCIAL STATEMENTS

Years Ended June 30, 2019 and 2018

NOTE 1

Summary of Organization and Significant Accounting Policies

Organization and Purpose

The Miami-Dade County Expressway Authority d/b/a Miami-Dade Expressway Authority and MDX (the "Authority") is an agency and special district of the State of Florida, a body politic and corporate and a public instrumentality. It was created on December 13, 1994 by ordinance of the Miami-Dade County Commission, pursuant to Chapter 348, Part I, Florida Statutes, for the purposes and having the powers to, among others, (1) acquire, hold, construct, improve, maintain, operate, own and lease an expressway system located in MiamiDade County, Florida (the "County"); and (2) fix, alter, charge, establish and collect tolls, rates, fees, rentals, and other charges for the services and facilities of such system. The governing body of the Authority consists of nine (9) voting members. All members of the Authority are voting members. Five members are appointed by the governing body of the County. At the County's discretion, up to two of the members appointed by the governing body of the County may be elected officials residing in the County. Three members are appointed by the Governor of the State of Florida. The District Secretary of the State of Florida Department of Transportation – District VI is an ex officio voting member of the Authority. Except for the District Secretary of the State of Florida Department of Transportation – District VI, all members must be residents of the County. Members of the Authority are entitled to receive from the Authority their travel and other necessary expenses incurred in connection with the business of the Authority as provided by law, but they may not draw salaries or other compensation.

The Authority oversees, operates, and maintains five tolled expressways constituting approximately 33.6 centerline-miles and 227.8 lane-miles of roadway in Miami-Dade County: Airport Expressway (SR 112); Dolphin Expressway (SR 836); Don Shula Expressway (SR 874); Snapper Creek Expressway (SR 878); Gratigny Parkway (SR 924); and has jurisdiction over NW 138th Street from the north side of North Perimeter Road to west of NW 97th Avenue.

The Florida Transportation Commission (the "Commission"),

pursuant to Section 20.23, Florida Statutes, is required to monitor the transportation authorities established in Chapters 343 and 348, Florida Statutes. The Commission, in concert with the designated authorities, adopted performance measures, objectives, operating indicators, and governance criteria to assess the overall responsiveness of each authority in meeting their responsibilities to their customers.

Right to Operate

The five roadways that comprise the Authority's expressway system (State Roads 112, 836, 874, 878 and 924), located within the boundaries of the County (the "expressway system"), were operated by the State of Florida, Department of Transportation ("FDOT") through December 9, 1996. Effective December 10, 1996 and pursuant to a Transfer Agreement (the "Transfer Agreement") entered into between the Authority and FDOT, the Authority assumed the rights and responsibilities for operating the expressway system and obtained certain non-roadway capital assets and cash reserves from the FDOT. In exchange, the Authority made a payment to FDOT which was sufficient to defease certain bonded indebtedness of the State of Florida. This transaction was consummated through the Authority's issuance of \$80,000,000 in aggregate principal amount of its Toll System Revenue Bonds, Series 1996 (Taxable) (the "Series 1996 Bonds"). In addition, the Authority assumed a liability from the State of Florida in the amount of \$11,843,000, which has been paid in full. The difference between the bonds issued, plus liabilities assumed, less assets received, resulted in an intangible asset of \$76,644,762.

The Transfer Agreement conveyed and transferred to the Authority full jurisdiction and control over the operation, maintenance and finances of the System in perpetuity, including, without limitation, all rights to regulate, establish, collect, and receive tolls thereon. Title to lands underlying the expressway system transferred to the Authority in the 1996 agreement remains with FDOT. Since there is ongoing litigation, the Transfer Agreement remains an asset on the financial statements. See Note 10, "Litigation and Unasserted Claims".

Reporting Entity

As a special purpose government engaged solely in business-type activities, the Authority's financial statements are prepared as an Enterprise Fund, a type of Proprietary Fund. Proprietary Funds are used to account for operations of governmental entities that are financed and operated in a manner similar to private business enterprises; these funds use the accrual basis of accounting and the economic resources measurement focus. Enterprise Funds are used to account for operations where the intent of the governing body is that costs (expenses, including depreciation) of providing goods or services to the general public on a continuing basis are financed or recovered primarily through user charges.

Basis of Accounting

The Authority prepares its financial statements based on the accrual basis of accounting in accordance with GAAP in the United States of America for proprietary funds, which are similar to those used for private business enterprises. Accordingly, revenues are recorded when earned and expenses are recorded when incurred.

Revenue

The Authority defines operating revenue as revenues earned from the expressway system operations and charged to customers. The primary operating revenues of the Authority are electronic toll collections made via the following methods: SunPass® tolls captured from transponders affixed to vehicles and deducted from customer prepaid accounts, and TBP images subsequently invoiced to registered vehicle owners. All electronic revenue is recognized when cash is received, with a receivable booked for wires in-transit based on the date transactions are processed by the CCSS. For prepaid customers this happens when transactions are posted to a prepaid customer account. The time frame for tolls captured from transponders at the lane level and cash received is usually no more than a week. For postpaid customers, this happens when payments are applied to a postpaid customer account. Fee revenue consists of late fees on unpaid TBP invoices. Fees are recognized when collected or on a cash basis. The FDR program, which rebates a portion of SunPass® tolls to eligible registered program participants, is an offset to SunPass® revenue. Toll revenues, net, consist of SunPass® (net of FDR amounts), and TBP. Lease and miscellaneous revenues are also considered operating revenues. Non-operating revenue includes interest and dividend earnings, capital contributions to the Authority, and all other income not meeting the previous definition. Under the Authority's Trust Indenture, all revenues are pledged to repay principal and interest of outstanding bonds.

Expense

The Authority defines operating expenses as expenses incurred for operations, maintenance and administration, as well as depreciation and amortization. Non-operating expenses include interest expense, capital contributions from the Authority, and all other expenses not meeting the previous definition.

Basic Financial Statements

The basic financial statements of the Authority consist of MD&A, Statement of Net Position, Statement of Revenues, Expenses, and Changes in Net Position, Statement of Cash Flows, Notes to the Financial Statements, and Other Information.

The net position section of the Statement of Net Position is classified within the following components:

Net investment in capital assets – capital assets, including unrestricted and restricted capital assets, net of accumulated depreciation, and reduced by outstanding balances of any debt that is attributable to the acquisition, construction, or improvement of those assets.

Restricted net position – net position with constraints placed on their use either by (1) external groups such as creditors, grantors, contributors, or laws or regulations of other governments; or (2) law through constitutional provisions or enabling legislation. This includes net position restricted for debt service, reserve for operations, maintenance, and administration, and renewal and replacement. Unspent bond proceeds less the related debt, of which the effect is zero, is included within this category. As of June 30, 2019 and 2018, unspent bond proceeds restricted for capital projects were \$0 for both fiscal years, respectively

Unrestricted net position – all other net position that do not meet the definitions of “net investment in capital assets” and “restricted net position”.

Use of Estimates

The preparation of financial statements in conformity with GAAP in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, disclosure of contingent assets and liabilities at the date of the financial statements, and reported amounts of revenue and expenses during the reporting period. Actual results could differ from those estimates.

Reclassifications

Certain prior year amounts may have been reclassified to conform to the current year's presentation.

Table Rounding

Due to rounding of whole numbers, some tables may not add to total.

Cash and Cash Equivalents

Cash and cash equivalents, restricted and unrestricted, include amounts in demand deposits, money market accounts, non-negotiable certificates of deposits, as well as short-term investments, with a maturity date of 90 days or less from date of issuance.

Investments

The Authority's investments are governed by State Statute, the Authority's investment policy, and the Trust Indenture, which stipulates permissible investments.

The investments of the Authority consist of restricted and unrestricted investments. Long-term and short-term investments are stated at market value. Market value is quoted at either market price or the best available estimate. The change in the market value of investments is recorded and included as an aggregate amount with all other elements of investment income, including interest and dividends, in accordance with GASB Statement No. 31, *Accounting and Financial Reporting for Certain Investments and for External Investments Pool* ("GASB 31").

Restricted Assets

Restricted assets of the Authority represent bond proceeds and revenue to be set aside per the Trust Indenture and other agreements, which require the following funds and accounts: Revenue Fund, Sinking Fund, Rate Stabilization Fund, Debt Service Reserve Fund, Renewal and Replacement Fund, Cost of Issuance Fund, Construction Fund, Rebate Fund, and Capitalized Interest.

Accounts Receivable

Accounts receivable of the Authority consist primarily of in-transit electronic toll revenues from the expressway system that are collected by the CCSS. Other receivables of the Authority consist of grants, lease revenues, and other miscellaneous receivables associated with third-party agreements with other agencies. For more detailed information on accounts receivable, see Note 3, "Receivables, Prepaids, Payables, and Accrued Interest Payable".

Capital Assets

Non-depreciable capital assets consist of the right to operate the system, land and easements, land improvements, and construction-in-progress.

Right to Operate – Infrastructure related capital assets acquired through the Transfer Agreement are not reflected in these financial statements. The title to these capital assets

continues to be held by the State of Florida. In fiscal years ended prior to June 30, 2009, the right to operate, which is an intangible asset, was reflected net of accumulated amortization. In accordance with GASB Statement No. 51, *Accounting and Financial Reporting for Intangible Assets* ("GASB 51"), accumulated amortization to date was reversed and amortization expense subsequent to June 30, 2008 was no longer reported. Furthermore, the right to operate is not being amortized because it is in perpetuity.

Capital assets acquired or constructed since the Transfer Agreement are recorded at cost. Expenses incurred to acquire additional capital assets, which replace existing assets or otherwise prolong their useful lives, are capitalized. The Authority's capitalization threshold is \$5,000.

Land and easements are composed of acquired or donated titled land, land easements, and other related costs. Land improvements are all costs related to land, such as road sub base, grading, land clearing, embankments, and other related costs. These costs are considered non-depreciable assets, and remain in construction-in-progress until the project is completed. Right-of-way acquisition costs are considered land when incurred.

Construction-in-progress represents costs incurred by the Authority for ongoing activities related to the expansion of new assets, or the replacement or extension of the lives of existing capital assets.

Effective June 30, 2019, interest cost incurred before the end of a construction period is expensed in the period in which the cost was incurred in accordance to GASB Statement No. 89. In fiscal years prior to June 30, 2019, interest cost incurred before the end of a construction period was capitalized on assets acquired with debt in accordance with GASB Statement No. 62, *Codification of Accounting and Financial Reporting Guidance Contained in Pre-November 30, 1989 FASB and AICPA Pronouncements* ("GASB 62"). Amounts capitalized represent interest expense incurred from the borrowing date to completion of the project, offset by interest earned on invested proceeds over the same period.

In accordance with GASB Statement No. 34, *Basic Financial Statements—and Management's Discussion and Analysis—for State and Local Governments* ("GASB 34"), the Authority allocates certain costs incurred in the acquisition, design, and construction of capital assets, such as salaries, benefits, general expenses, and contracted services, to the related capital asset.

The Authority reviews its capital assets and considers impairment whenever indicators of impairment are present, such as capital asset replacement, or an event or change in

circumstance is outside the normal life cycle of the capital asset.

Depreciation and amortization of capital assets are computed using the straight-line method over the estimated useful lives of the assets, as follows:

Furniture and equipment	5-10 years
Buildings, toll facilities, and improvements	5-30 years
Other assets (software/vehicles)	3-5 years
Infrastructure	5-50 years

Other Assets

Other assets consist of the unamortized portion of bond insurance. Bond insurance costs are amortized by the interest method over the term of the bonds. Amortization of bond insurance costs is included as a component of interest expense.

Retainage Payable

Retainage payable represents amounts billed to the Authority by contractors for which payment is not due until substantial completion of performance by the contractor and/or acceptance by the Authority, pursuant to retained percentage provisions in the contract.

Long-Term Liabilities—Revenue Bonds Payable

Revenue bonds are issued to fund construction projects or refund outstanding bonds at a lower interest rate and/or for restructuring purposes. Long-term bonds payable are reported net of current portion and/or discounts and premiums. Discounts and premiums are presented as an addition to or a reduction of, respectively, revenue bonds payable. Discounts and premiums are deferred and amortized by using the interest method over the term of the bonds. Amortization of discounts and premiums are included as a component of interest expense.

Bond Issuance Costs

Except for discounts, premiums, and bond insurance costs, all other debt issuance costs are expensed in the period incurred and at the time debt is issued.

Deferred Outflows/Inflows of Resources

GASB Statement No. 65 *Items Previously Reported as Assets and Liabilities* (“GASB 65”) establishes accounting and financial reporting standards that reclassify certain items previously reported as assets and liabilities to be reported as deferred outflows or deferred inflows of resources. The GASB’s determinations outlined in GASB Concepts Statement No. 4, *Elements of Financial Statements* (“GASBCS 4”) define a deferred outflow of resources as a consumption of net position by the government that is applicable to a future

period; and a deferred inflow of resources as an acquisition of net position by the government that is applicable to a future reporting period.

The Authority’s deferred outflows/inflows of resources are comprised of the following components:

Derivative Instruments Fair Market Value (“FMV”) The Authority’s interest rate swap is a derivative instrument determined to be an effective hedge in accordance with GASB Statement No. 53 *Accounting and Financial Reporting for Derivative Instruments* (“GASB 53”). The outflow of the resources of the derivative instrument will be in a future reporting period therefore, in accordance with GASBCS 4, the fair market value is reported as a deferred outflow on the Statement of Net Position.

Deferred Amounts on Refunding Revenue Bonds – The Authority’s calculation of deferred amount on refunding is done in accordance with GASB 65, paragraph 6. The difference between the reacquisition price and the net carrying amount of the refunded debt is amortized using the interest method over the term of the old debt or new debt, whichever is shorter.

The deferred amounts reported in deferred outflows of resources on the Statement of Net Position are the resulting amount from the Authority’s refundings where the reacquisition price exceeded the net carrying value of the refunded bonds. The deferred amounts reported in deferred inflows of resources are the resulting amount from the refundings where the reacquisition price is less than the net carrying value of the refunded bonds.

Deferred Amounts Related to Pensions – The Authority participates in a cost-sharing, multi-employer, defined benefit retirement plan, and amounts for deferred outflows of resources and deferred inflows of resources are reported in accordance with GASB Statement No. 68 *Accounting and Financial Reporting for Pensions* (“GASB 68”). The changes in deferred outflows of resources and inflows of resources related to changes in the Authority’s proportion of the collective pension liability, changes in actuarial assumptions, investments, experience, and contributions made subsequent to the current measurement date, will occur in future reporting periods; therefore, in accordance with GASB 68, these deferred amounts related to pension are reported as deferred outflows of resources or deferred inflows of resources on the Statement of Net Position.

For more detailed information on deferrals, see Note 6, “Long-Term Liabilities”, and Note 7, “Retirement Plans”, in the Notes to the Financial Statements.

Pensions

The Authority participates in a cost-sharing, multi-employer, defined benefit retirement plan. Information, liability, and disclosures here within have been provided by the Florida Retirement System ("FRS") Pension Plan.

For purposes of measuring the 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 the FRS Pension Plan and additions to/deductions from the FRS Pension Plan's fiduciary net position have been determined on the same basis as they are reported by FRS. 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 market value.

For a more detailed description on pension amounts, see Note 7, "Retirement Plans", in the Notes to the Financial Statements.

Compensated Absences

The Authority's vacation and sick leave accrual policies allow for a specific number of days of vacation and sick leave with pay. These policies provide for paying a regular employee their accumulated unused vacation upon separation up to a maximum of 500 hours. These policies also provide for accumulated sick leave hours to be paid upon separation from the Authority after 10 years or more of continuous service. The accumulated sick leave hours are limited to a maximum of one quarter of the amounts accumulated, up to 500 hours. These hours are payable upon separation from the Authority at the employees' current rate. In addition, the policies allow for periodic leave payouts of both vacation and sick hours. In both cases, employees earn the right to be compensated for available vacation and sick leave hours, as applicable, based only on rendering past service.

All eligible vacation and sick leave hours as of June 30, 2019 and 2018, as allowed by the leave accrual policies, are accrued and accounted for in payables due to employees.

For a more detailed description on accrued amounts, see Note 3, "Receivables, Prepaids, Payables, and Accrued Interest Payable", in the Notes to the Financial Statements.

Employee Benefits

As a special district, the Authority's employees are allowed to participate in the State's group health, dental and life insurance plans under the same program and group rates available to State employees. MDX has contracted separately to provide supplemental life insurance, short-term disability, and long-term disability insurance for all regular, fulltime employees. All regular, fulltime employees are eligible for group health and dental insurance coverage on the first day of the month following commencement of active service. All regular, fulltime employees are eligible for group life insurance, short-term disability, and long-term disability insurance coverage on the first day of the month following or coincident to 90 days of continuous active service. Upon separation from the Authority, employees may opt to continue their coverage under the Consolidated Omnibus Reconciliation Act ("COBRA") at their own cost.

Risk Management

The Authority is exposed to various risks of loss related to torts, theft of, damage to, and destruction of assets, errors and omissions, and natural disasters, for which the Authority carries commercial insurance. The Authority had no claims in the last two years that exceeded its policy limits.

Single Audit

The Authority is subject to a Single Audit, if applicable, that is not included in this Comprehensive Annual Financial Report. The Single Audit requires the independent auditor to report on the fair presentation of the financial statements and also on the internal controls and compliance with legal requirements, with emphasis on the administration of state assistance. The results of the Single Audit are available as a separate annual financial report.

New Pronouncements

GASB Statement No. 75, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions* ("GASB 75"), improves accounting and financial reporting by state and local governments for postemployment benefits other than pensions (Other Postemployment Benefits or OPEB). It also improves information provided by state and local governmental employers about financial support for OPEB that is provided by other entities. This Statement replaces the requirements of GASB Statements No. 45, *Accounting and Financial Reporting by Employers for Postemployment Benefits Other Than Pensions*, as amended, and GASB Statement No. 57, *OPEB Measurements by Agent Employers and Agent Multiple-Employer Plans* ("GASB 57"). This standard became effective for the fiscal year ending June 30, 2018. In fiscal year 2019, FRS restated the beginning balance of the net pension liability for the prior measurement date of June 30, 2017. The Authority implemented GASB 75 in fiscal year 2019 and recorded an increase to expense of \$1,457 for the Authority's portion of the net pension liability adjustment.

GASB Statement No. 81, *Irrevocable Split-Interest Agreements* ("GASB 81"), provides financial reporting guidance for the blending requirements for the accounting and financial reporting for irrevocable split-interest agreements by providing recognition and measurement guidance for situations in which a government is a beneficiary of the agreement. This standard became effective for the fiscal year ending June 30, 2018. GASB 81 has no impact on the Authority.

GASB Statement No. 83, *Certain Asset Retirement Obligations* ("GASB 83"), establishes criteria for determining the timing and pattern of recognition of a liability and a corresponding deferred outflow of resources for asset retirement obligations. GASB 83 requires that recognition occur when the liability is both incurred and reasonably estimable. This standard became effective for the fiscal year ending June 30, 2018. GASB 83 has no impact on the Authority.

GASB Statement No. 84, *Fiduciary Activities* ("GASB 84"), establishes criteria for identifying fiduciary activities of all state and local governments. This standard will become effective for the fiscal year ending June 30, 2020. GASB 84 has no impact on the Authority.

GASB Statement No. 85, *Omnibus 2017* ("GASB 85"), addresses practice issues that have been identified during implementation and application of certain GASB Statements. GASB 85 addresses a variety of topics including issues related to blending component units, goodwill, fair market value measurement and application, and postemployment benefits. GASB 85 was implemented by the Authority in fiscal year ending June 30, 2018.

GASB Statement No. 86, *Certain Debt Extinguishment Issues* ("GASB 86"), addresses accounting and financial reporting for in-substance defeasance of debt by providing guidance for transactions in which cash and other monetary assets acquired with only existing resources—resources other than the proceeds of refunding debt—are placed in an irrevocable trust for the sole purpose of extinguishing debt. GASB 86 became effective in fiscal year ending June 30, 2018. GASB 86 has no impact on the Authority.

GASB Statement No. 87, *Leases* ("GASB 87"), requires recognition of certain lease assets and liabilities for leases that previously were classified as operating leases and recognized as inflows of resources or outflows of resources based on the payment provisions of the contract. This Statement will be effective for the fiscal year ending June 30, 2021. GASB 87 impact has yet to be determined.

GASB Statement No. 88, *Certain Disclosures Related to Debt including Direct Borrowing and Direct Placements* ("GASB 88"), requires that additional information related to debt be disclosed in the notes to the financial statements, including lines of credit; assets pledged as collateral for the debt; and certain terms specified in debt agreements. This standard became effective for the fiscal year ending June 30, 2019. GASB 88 has no impact on the Authority.

GASB Statement No. 89 *Accounting for Interest Cost Incurred before the End of a Construction Period* ("GASB 89") requires that interest cost incurred before the end of a construction period be recognized as an expense in the period in which the cost is incurred. GASB 89 has been implemented by the Authority in fiscal year ending June 30, 2019. The Authority no longer capitalized interest to its construction projects.

GASB Statement No. 90 *Majority Equity Interests* ("GASB 90") establishes that ownership of a majority equity interest in a legally separate organization results in the government being financially accountable for the legally separate organization and, therefore, the government should report that organization as a component unit. GASB 90 has no impact on the Authority.

GASB Statement No. 91 *Conduit Debt Obligations* ("GASB 91") requires issuers to disclose general information about their conduit debt obligations, organized by type of commitment, including the aggregate outstanding principal amount of the issuers' conduit debt obligations and a description of each type of commitment. Issuers that recognize liabilities related to supporting the debt service of conduit debt obligations also should disclose information about the amount recognized and how the liabilities changed during the reporting period. This standard will be effective for the fiscal year ending June 30, 2021. GASB 91 impact has yet to be determined.

NOTE 2**Cash, Cash Equivalents and Investments**

The Authority's deposits and investments are held by banks that qualify as public depositories under the Florida Security for Public Deposits Act, as required by Chapter 280, Florida Statutes. Exempt from Chapter 280 are public deposits deposited in a bank or savings association by a trust department or trust company which is fully secured through the trust business laws. The Authority is also allowed to participate in the Florida PRIME Local Government Investment Pool ("Florida PRIME LGIP"). As of June 30, 2019 and 2018, all of the Authority's bank deposits and investments were in qualified public depositories and trust companies.

As of June 30, 2019 and 2018, total unrestricted and restricted cash and cash equivalents were \$291,442,623 and \$295,437,197, respectively.

The State of Florida allows investments in Florida PRIME, direct investment in U.S. government, federal agency, and instrumentality obligations at a price not to exceed the market price at the time of purchase, Securities and Exchange Commission registered money market funds, repurchase agreements, commercial paper with the highest quality rating from a nationally recognized rating agency, and other investments by law or by resolution of the Authority. The Florida PRIME LGIP is rated AAAM by Standard and Poor's ("S&P").

Interest Rate Risk

In accordance with the Authority's investment policy, its portfolio is structured so that securities mature to meet the Authority's scheduled cash flow requirements, thereby avoiding the need to sell securities prior to their scheduled maturity dates. The cash flow requirement limits investment maturities as a means of managing the Authority's exposure to market value losses arising from increasing interest rates.

For fiscal years 2019 and 2018, investment income was \$11,201,691 and \$7,274,655, and reflected a positive change in market value of \$4,738,757 and \$2,275,769, respectively.

Credit Risk

The Authority's investment policy limits investments of U.S. agencies to ratings of "A" or better by Moody's and S&P. Commercial paper investments are limited to no more than 270 days rated at the time of purchase "P-1" by Moody's and "A-1" or better by S&P. Investments, from direct obligation of any state of the United States of America or any subdivision or agency thereof, must be rated at the time of purchase as "A" or better by S&P and Moody's. Investments in repurchase agreements are limited to those collateralized by direct obligations, Government National Mortgage Association ("GNMAs"), Federal Home Loan Bank ("FHLBs"), Federal National Mortgage Association ("FNMA's") or Freddie Mac ("FHLMCs") with any registered broker/dealer subject to Securities Investors' Protection Corporation jurisdiction or any commercial bank insured by the Federal Deposit Insurance Corporation ("FDIC"), if such broker/dealer or bank has an uninsured, unsecured and unguaranteed obligation rate "P-1" or "A3" or better by Moody's and "A-1" or "A-" or better by S&P. The Authority uses the market approach for market value measurements. The market approach to measuring market value uses prices and other relevant information generated by market transactions involving identical or similar assets, liabilities, or groups of assets and liabilities. Using quoted market prices is a technique that is consistent with the market approach. The Authority's investments of U.S. Government Sponsored Agency securities, U.S. Treasury securities, and Municipal Bonds were valued using Level 2 inputs. Level 2 inputs are inputs other than quoted prices included within active markets for identical assets or liabilities. The valuation techniques used for these investments were done by a third party pricing service. Investments in commercial paper are not applicable to market value measurement as these investments when purchased had a maturity date of less than 1 year.

As of June 30, 2019 and 2018, the investment values and maturities were as follow:

Market Value Using Level 2 Measurements	June 30, 2019	June 30, 2018
Commercial Paper	\$123,945,866	\$110,524,150
U.S. Government Agencies	24,977,527	24,818,820
U.S. Treasury Securities	9,970,703	64,781,725
Total securities	\$158,894,096	\$200,124,695

Concentration of Credit Risk

The Authority places no limit on the amount the Authority may invest in any one issuer. More than 5% of the Authority's investments are in commercial paper securities, U.S. Government Sponsored Agency securities, and U.S. Treasury securities.

Custodial Credit Risk – Investments

For an investment, this is the risk that, in the event of the failure of the counterparty, the Authority will not be able to recover the value of its investments or collateral securities

that are in the possession of an outside party. Investments are exposed to custodial credit risk if they are uninsured, are not registered in the Authority's name, and are held by either the counterparty to the investment purchase or are held by the counterparty's trust department or agent but not held in the Authority's name. None of the Authority's investments, as of June 30, 2019 and 2018, were subject to custodial credit risk. All of the funds are held by the Trustee, Bank of New York, which falls under the umbrella of Bank of New York Mellon Corporation, which holds a rating of "A1" from Moody's, "A" from S&P, and "AA-" from Fitch.

% OF TOTAL INVESTMENTS

Investment Type	S&P	Moody's	Fitch	2019	2018
Commercial Paper	A1+/A1	P1	F1+/F1	78.0%	55.2%
U.S. Government Agencies	AA+	Aaa	AAA	15.7%	12.4%
U.S. Treasury Securities	AA+	Aaa	AAA	6.3%	32.4%

NOTE 3**Receivables, Prepaids, Payables
and Accrued Interest Payable****Receivables**

As of June 30, 2019 and 2018, accounts receivable, net totaled \$10,472,181 and \$23,647,976, respectively, in the following categories:

	2019	2018
SunPass [®]	\$ 7,203,694	\$ 14,251,771
TBP, net	1,723,398	3,654,894
Toll receivables, net	8,927,092	17,906,666
Other receivables	1,364,008	4,469
Accrued interest receivable	181,081	236,841
Due from other agencies	-	5,500,000
Total receivables	\$10,472,181	\$23,647,976

As of June 30, 2019 and 2018, toll receivables, net were \$8,927,092 and \$17,906,666, respectively. Toll receivables, net were primarily comprised of (a) electronic toll revenues collected by SunPass[®] of \$7,203,694 and \$14,251,771, respectively; and (b) TBP receivable of \$1,723,398 and \$3,654,894, equal to subsequent receipts after June 30, 2019 and 2018, respectively.

As of June 30, 2019 and 2018, other receivables were \$1,364,008 and \$4,469, respectively. Other receivables were primarily comprised of (a) due from vendor of \$1,058,070 and \$0 respectively; (b) CCSS costs recovery fees charged to other agencies and allocated to the Authority per the participation agreement of \$296,377 and \$0, respectively; and (c) miscellaneous and other receivables of \$9,561 and \$4,469, respectively.

As of June 30, 2019 and 2018, accrued interest receivable related to various investments was \$181,081 and \$236,841, respectively.

As of June 30, 2019 and 2018, due from other agencies was \$0 and \$5,500,000, respectively. Due from other agencies in 2018 was primarily comprised of costs related to a joint Miami-Dade County/FDOT Dolphin Park & Ride Lot project, which the Authority is managing. All costs for the \$20.5 million project were paid by the Authority. A total of \$11.1 million was reimbursed by Miami-Dade County and FDOT.

Prepaids

As of June 30, 2019 and 2018, prepaid expenses were \$5,537,957 and \$1,380,280, respectively. The prepaid expenses are primarily related to a prepaid payment to FDOT related to CCSS transaction processing, SunPass[®] transponder subsidy, and system insurance.

Payables

As of June 30, 2019 and 2018, payables consisted of accounts and contracts payable of \$26,442,593 and \$31,052,773, respectively, accrued expenses payable of \$10,498,903 and \$5,953,429, respectively, and claims and judgments payable of \$66,515,955 and \$61,298,717, respectively: and totaled \$103,457,451 and \$98,304,919, respectively, in the following categories:

	2019	2018
Due to vendors	\$ 30,045,481	\$ 35,576,401
Due to employees	392,224	782,991
FDR Program	5,983,754	-
Claims & judgements	66,515,955	61,298,717
Other	520,036	646,810
Total payables	\$103,457,451	\$98,304,919

As of June 30, 2019 and 2018, due to vendors was \$30,045,481 and \$35,576,401, respectively. Due to vendors was comprised of (a) accounts and retainage payable of \$26,442,593 and \$31,052,773, respectively and (b) accrued expenses of \$2,725,762 and \$4,523,628, respectively. Amounts due to vendors were comprised of (a) capital construction costs, accrued expenses, and retainage of \$26,623,029 and \$28,284,270, respectively and (b) operating costs, accrued expenses, and retainage of \$3,422,452 and \$7,292,131, respectively.

As of June 30, 2019 and 2018, due to employees was \$392,224 and \$782,991, respectively. Due to employees was comprised of (a) payroll salaries payable of \$0 and \$148,277, respectively; and (b) accrued leave and other benefits of \$392,224 and \$634,714, respectively.

As of June 30, 2019 and 2018, the Authority's governing board declared a FDR payable of \$5,983,754 and \$0, respectively. For fiscal year 2019, the FDR was equal to thirty (30) percent of tolls paid by eligible registered program participants for the twelve (12) month period from July 1, 2018 through June 30, 2019. For fiscal year 2018, an FDR was not declared by the Board.

As of June 30, 2019 and 2018, other payables were \$520,036 and \$646,810, respectively. Other payables were primarily comprised of (a) tenant rent and security deposits of \$226,368 and \$169,736, respectively; (b) taxes payable of \$16,203 and \$49,176, respectively; (c) miscellaneous payables of \$383 and \$102,077, respectively; and (d) unearned revenue of \$277,082 and \$325,821, respectively.

Accrued Interest Payable

As of June 30, 2019 and 2018, accrued interest payable related to outstanding debt was \$33,490,514 and \$34,111,603, respectively, in the following categories below:

See Note 6, "Long-Term Liabilities", in the Notes to the Financial Statements for more information.

	2019	2018
Series 2005A-E	\$ 361,428	\$ 365,067
Series 2010A	8,830,903	9,002,604
Series 2013A	5,996,438	6,326,188
Series 2013B	1,868,750	1,868,750
Series 2014A	7,786,246	7,786,245
Series 2014B	6,251,250	6,367,250
Series 2016A	2,395,500	2,395,500
Total accrued interest payable	\$33,490,514	\$34,111,603



NOTE 4

Capital Assets

As of June 30, 2019 and 2018, total capital assets, net of accumulated depreciation were \$2,048,399,472 and \$1,966,390,622, respectively.

As of June 30, 2019 and 2018, capital assets depreciation and amortization expense for the year was \$38,527,703 and \$38,706,616, respectively.

As of June 30, 2019 and 2018, interest capitalized was \$0 and \$7,234,810, respectively.

For the fiscal years ended June 30, 2019 and 2018, the Authority capitalized indirect costs to capital projects \$1,462,572 and \$2,676,771 respectively, from administration expenses, \$0 and \$577,141 respectively, from operations expenses and \$93,187

and \$125,481, respectively, from maintenance expenses.

As of June 30, 2019 and 2018, asset disposals were \$20,011,832 and \$246,209, respectively. In fiscal year 2019, the asset disposals were due to preliminary design and planning work-in-progress for impaired projects that were no longer viable due to significant changes in the study areas or lack of financial feasibility. In fiscal year 2018, the asset disposal was due to a software development project that was suspended and discontinued.

A summary of capital assets activity and changes in accumulated depreciation for the years ended June 30, 2019 and 2018 follows:

	As of June 30, 2018	Additions	Deletions / Capital Contributions	Transfers	As of June 30, 2019
Capital assets not being depreciated:					
Rights to operate the system	\$ 76,644,762	\$ -	\$ -	\$ -	\$ 76,644,762
Land and easements	250,526,019	8,038,132	-	-	258,564,151
Land improvements (for infrastructure)	351,304,788	166,570	-	-	351,471,358
Construction in progress	398,758,841	140,952,194	(20,415,641)	(16,417,347)	502,878,047
Total capital assets, not being depreciated	1,077,234,411	149,156,896	(20,415,641)	(16,417,347)	1,189,558,319
Capital assets being depreciated:					
Furniture and equipment	132,346,964	879,264	(410,666)	-	132,815,563
Buildings, toll facilities and improvements	56,803,759	1,541,485	(13,772)	-	58,331,472
Other assets	4,920,290	-	(87,497)	-	4,832,793
Infrastructure	995,096,841	5,791,896	-	-	1,000,888,737
Total capital assets being depreciated	1,189,167,855	8,212,645	(511,935)	-	1,196,868,565
Less accumulated depreciation for:					
Furniture and equipment	(78,317,239)	(6,439,298)	410,666	-	(84,345,871)
Buildings, toll facilities and improvements	(17,169,568)	(2,591,775)	13,772	-	(19,747,570)
Other assets	(4,558,604)	(359,273)	87,497	-	(4,830,380)
Infrastructure	(199,966,233)	(29,137,358)	-	-	(229,103,591)
Total accumulated depreciation	(300,011,644)	(38,527,703)	511,935	-	(338,027,412)
Net depreciable capital assets	889,156,211	(30,315,058)	-	-	858,841,153
Net capital assets	\$ 1,966,390,622	\$ 118,841,838	\$ (20,415,641)	\$ (16,417,347)	\$ 2,048,399,472

(Continued)

	As of June 30, 2017	Additions	Deletions / Capital Contributions	Transfers	As of June 30, 2018
Capital assets not being depreciated:					
Rights to operate the system	\$ 76,644,762	\$ -	\$ -	\$ -	\$ 76,644,762
Land and easements	234,578,048	-	-	15,947,971	250,526,019
Land improvements (for infrastructure)	351,304,788	-	-	-	351,304,788
Construction in progress	307,805,410	119,032,769	(11,376,864)	(16,702,473)	398,758,841
Total capital assets, not being depreciated	970,333,009	119,032,769	(11,376,864)	(754,503)	1,077,234,411
Capital assets being depreciated:					
Furniture and equipment	131,982,881	4,532	(36,312)	395,864	132,346,964
Buildings, toll facilities and improvements	55,767,819	677,301	-	358,639	56,803,759
Other assets	4,920,290	-	-	-	4,920,290
Infrastructure	995,096,841	-	-	-	995,096,841
Total capital assets being depreciated	1,187,767,831	681,834	(36,312)	754,503	1,189,167,855
Less accumulated depreciation for:					
Furniture and equipment	(72,007,006)	(6,346,544)	36,312	-	(78,317,239)
Buildings, toll facilities and improvements	(14,717,321)	(2,452,247)	-	-	(17,169,568)
Other assets	(4,174,820)	(383,784)	-	-	(4,558,604)
Infrastructure	(170,442,192)	(29,524,041)	-	-	(199,966,233)
Total accumulated depreciation	(261,341,340)	(38,706,616)	36,312	-	(300,011,644)
Net depreciable capital assets	926,426,491	(38,024,783)	-	754,503	889,156,211
Net capital assets	\$ 1,896,759,500	\$ 81,007,986	\$ (11,376,864)	\$ -	\$ 1,966,390,622

NOTE 5

Other Assets

Unamortized Bond Insurance

Bond and surety insurance costs are classified as other assets and amortized over the life of the outstanding revenue and refunding bonds by an annual allocation of the unamortized costs at the beginning of the year. The allocation is based on the interest expense for the year to the total interest expense over the term of the bonds (interest allocation method).

Bond and surety insurance less accumulated amortization are as follows:

	2019	2018
Bond insurance cost	\$ 4,101,446	\$ 4,101,446
Less accumulated amortization	(2,142,584)	(1,983,852)
Unamortized bond insurance	\$ 1,958,862	\$ 2,117,595

NOTE 6

Long Term Liabilities

As of June 30, 2019 and 2018, long-term liabilities were \$1,485,009,754 and \$1,520,866,667, respectively. Long-term liabilities were comprised of revenue bonds payable, net of bond discount/premiums of \$1,492,897,080 and \$1,530,432,096, respectively, less current portion of bonds payable of \$30,810,000 and \$57,585,000, respectively; (b) derivative instrument fair market value of \$17,732,673 and \$12,139,975, respectively; and (c) net pension liability of \$5,190,001 and \$5,879,595, respectively. For more information on net pension liability, see Note 7, "Retirement Plans", in the Notes to the Financial Statements.

For fiscal years 2019 and 2018, interest expense was \$70,420,048 and \$59,375,695, respectively. The interest expense for both fiscal years is comprised of (a) interest for debt of \$65,202,810 and \$71,856,016, respectively; (b) interest for claim & judgement of \$5,217,237 and \$0, respectively; and (c) amortization for bond insurance, bond surety, deferred amounts from refunding, and bond discount of \$4,587,191 and \$4,977,961, respectively; less (d) capitalized interest of \$0 and \$7,234,810, respectively; and (e) amortization of bond premiums of \$9,989,860 and \$10,223,472, respectively. A summary of changes in long-term liabilities is as follows:

	As of June 30, 2018	Additions	Reductions	As of June 30, 2019	Current Portion
Revenue bonds					
Series 2005A-E	\$ 78,465,000	\$ -	\$ (1,170,000)	\$ 77,295,000	\$ 1,170,000
Series 2010A	362,135,000	-	(8,585,000)	353,550,000	15,065,000
Series 2013A	254,690,000	-	(13,190,000)	241,500,000	9,845,000
Series 2013B	74,750,000	-	-	74,750,000	-
Series 2014A	314,045,000	-	-	314,045,000	-
Series 2014B	254,690,000	-	(4,640,000)	250,050,000	4,730,000
Series 2016A	95,820,000	-	-	95,820,000	-
	1,434,595,000	-	(27,585,000)	1,407,010,000	30,810,000
Add bond premium, net	96,589,736	-	(9,989,860)	86,599,876	-
Less bond discount, net	(752,640)	-	39,844	(712,796)	-
Total revenue bonds, net	1,530,432,096	-	(37,535,016)	1,492,897,080	30,810,000
Derivative instruments fair market value	12,139,975	-	5,592,698	17,732,673	-
Net pension liability	5,879,595	-	(689,594)	5,190,001	-
Total long-term liabilities and current portion of bonds and loans	\$ 1,548,451,666	\$ -	\$ (32,631,912)	\$ 1,515,819,754	\$ 30,810,000

(Continued)

	As of June 30, 2017	Additions	Reductions	As of June 30, 2018	Current Portion
Revenue bonds					
Series 2005A-E	\$ 79,465,000	\$ -	\$ (1,000,000)	\$ 78,465,000	\$ 1,170,000
Series 2010A	369,200,000	-	(7,065,000)	362,135,000	8,585,000
Series 2013A	265,120,000	-	(10,430,000)	254,690,000	13,190,000
Series 2013B	74,750,000	-	-	74,750,000	-
Series 2014A	314,045,000	-	-	314,045,000	-
Series 2014B	258,920,000	-	(4,230,000)	254,690,000	4,640,000
Series 2016A	95,820,000	-	-	95,820,000	-
	\$ 1,457,320,000	\$ -	\$ (22,725,000)	\$ 1,434,595,000	\$ 27,585,000
Add bond premium, net	106,813,208	-	(10,223,472)	96,589,736	-
Less bond discount, net	(793,263)	-	40,623	(752,640)	-
Total revenue bonds, net	\$ 1,563,339,945	\$ -	\$ (32,907,849)	\$ 1,530,432,096	\$ 27,585,000
Derivative instruments fair market value	17,447,681	-	(5,307,706)	12,139,975	-
Net pension liability	5,217,828	661,767	-	5,879,595	-
Total long-term liabilities and current portion of bonds and loans	\$ 1,586,005,454	\$ 661,767	\$ (38,215,555)	\$ 1,548,451,666	\$ 27,585,000

Revenue and Refunding Revenue Bonds Payable

The principal and interest on all outstanding bonds are payable from the revenues which are pledged to the payment thereof and moneys on deposit from time to time in the funds, accounts and sub accounts, in a manner and to the extent specified in the Trust Indenture.

(1) \$241,400,000 TOLL SYSTEM REVENUE BONDS, SERIES 2005A-E

On March 1, 2005, the Authority issued Toll System Revenue Bonds, Series 2005 (Non-Taxable) (the "Series 2005 Bonds") in five sub-series for a total of \$241,400,000, including Series 2005A-C in the amount of \$54,800,000 (each series) and Series 2005D-E in the amount of \$38,500,000 (each series). Each series of the Series 2005 Bonds was initially issued in the form of Dutch Auction Rate Bonds bearing interest at a Dutch Auction Rate. Each series of the Series 2005 Bonds were dated their date of delivery and after the initial Auction Period for such Series, were in an Auction Period of seven days, subject to conversion in whole only to another auction period or to another interest mode, as determined by the Authority. The Series 2005 Bonds were connected to an interest rate swap agreements under which the Authority owed a fixed rate of 4.313% to the counterparties of the swaps, amended on May 9, 2008, changing the fixed rate to 4.372%. The final maturity

for the Series 2005 A-C bonds is dated between July 1, 2026 and July 1, 2032; the final maturity for Series 2005 D-E bonds is dated between July 1, 2033 and July 1, 2034. The Series 2005 Bonds were issued to (a) pay a portion of the cost of certain improvements to the system included in the five-year work program of the Authority in effect from time to time, including capitalized interest of \$13,304,881 on the Series 2005 Bonds through July 1, 2007; and (b) pay costs and expenses relating to the issuance of the Series 2005 Bonds. The Series 2005 Bonds are secured under the Trust Indenture on parity with all bonds outstanding and any other bonds hereafter issued under the Trust Indenture.

On May 9, 2008, in response to the auction rate market crisis, the Authority exercised its right under the multi modal bond documents to convert its auction rate bonds. The Authority entered into an agreement with Dexia Credit Local ("Dexia") to purchase, to maturity, its outstanding Series 2005 Bonds in the amount of \$241,400,000. Under the terms of the agreement, the Authority agreed to pay one month LIBOR index plus 45 basis points for the first year, and LIBOR plus 105 basis points thereafter, through maturity. The Authority maintains the right to refund or convert the Series 2005 Bonds, upon notice to Dexia. The amortization of principal payments remains unchanged.

On October 15, 2014, the Authority issued Toll System Revenue and Refunding Bonds Series 2014B to defease \$160,935,000 of the Series 2005 original outstanding aggregate principal amount of \$241,400,000. In conjunction with the refunding the Authority terminated two of the three swaps with UBS A.G. and Citibank, N.A. The termination payments were paid with the use of proceeds and cash reserves. See "Interest Rate Swap Agreements (Derivative Instruments)" section of Note 6 for more information.

(2) \$395,590,000 TOLL SYSTEM REVENUE AND REFUNDING REVENUE BONDS, SERIES 2010A

On August 18, 2010, the Authority issued \$395,590,000 Toll System Revenue and Refunding Revenue Bonds, Series 2010A (Non-taxable) (the "Series 2010A Bonds"). The Series 2010A Bonds were issued for the purpose of providing funds to (a) refund and defease all of the outstanding \$49,600,000 principal amount of its \$68,200,000 original aggregate principal amount of the Series 2004A Bonds; (b) reimburse the Authority for a termination payment in the amount of \$9,785,000 made in connection with the termination of the swap relating to the Refunded 2004A Bonds; (c) pay a portion of the cost of certain improvements to the system included in the five-year work program of the Authority in effect from time to time, including capitalized interest of \$7,302,515 on the Series 2010 Bonds; (d) fund a deposit to the Debt Service Reserve Fund in an amount equal to the increase in the debt service reserve fund requirement resulting from the issuance; and (e) pay costs and expenses relating to the issuance, including a portion of the premium for the insurance policy.

The Series 2010A Bonds consist of (a) \$57,105,000 serial bonds maturing between July 1, 2012 and July 1, 2019, bearing interest rate between 2.00% and 5.0%; and (b) \$338,485,000 fixed term bonds at 4.9% to 5.0% maturing on July 1, 2035, and July 1, 2040. Interest on the bonds is paid semi-annually each January 1st and July 1st.

The Series 2010A Bonds are secured under the Trust Indenture on parity with all bonds outstanding and any other bonds hereafter issued under the Trust Indenture.

The transaction resulted in a \$10,727,619 deferred charge to be amortized over the term of the new debt. The deferred amount, net of amortization, is reflected on the Statement of Net Position in Deferred Outflows of Resources. This refunding has resulted in an economic loss of \$696,110.

In April 2013, the Authority cash defeased \$2,320,000 of its Series 2010A Bonds which matured on July 1, 2014, by depositing cash from the Authority's General Fund in an escrow account with The Bank of New York Mellon Trust Company, N.A. The deposited amount was invested in State and Local Government Securities ("SLGS") and provided

for the debt service payments on the defeased bonds. Accordingly, the escrow account's assets and the liability for the defeased bonds are not included in the accompanying financial statements. The escrow agent defeased the Series 2010A Bonds as required on July 1, 2014.

(3) \$270,220,000 TOLL SYSTEM REFUNDING REVENUE BONDS, SERIES 2013A

On April 23, 2013, the Authority issued \$270,220,000 Toll System Refunding Revenue Bonds, Series 2013A (Non-taxable) (the "Series 2013A Bonds"). The Series 2013A were issued for the purpose of providing funds sufficient, together with any other available moneys, to (a) refund all of the Authority's outstanding (1) Series 2001A Bonds in the outstanding principal amount of \$88,925,000, (2) Series 2002 Bonds in the outstanding principal amount of \$32,010,000, and (3) Toll System Revenue Bonds, Series 2004B in the outstanding principal amount of \$175,000,000 (collectively, the "Refunded Bonds"); and (b) pay costs and expenses relating to the issuance of the Series 2013A Bonds. The Series 2013A Bonds consist of \$270,220,000 serial bonds maturing between July 1, 2013 and July 1, 2033, bearing interest rate between 2.00% and 5.00% with semi-annual interest payments each January 1st and July 1st. The Series 2013A Bonds are secured under the Trust Indenture on parity with all bonds outstanding and any other bonds hereafter issued under the Trust Indenture.

The transaction resulted in a \$14,804,185 deferred charge to be amortized over the term of the new debt. The deferred charge is reflected on the Statement of Net Position under Deferred Outflows of Resources. This refunding resulted in a present value savings of \$28,836,237.

(4) \$74,750,000 TOLL SYSTEM REFUNDING REVENUE BONDS, SERIES 2013B

On December 17, 2013, the Authority issued \$74,750,000 Toll System Refunding Revenue Bonds, Series 2013B (Non-taxable) (the "Series 2013B Bonds"). The Authority executed a call modification with Citibank, N.A. which owned \$74,750,000 par amount of Series 2006 Bonds, maturing between July 1, 2034 and July 1, 2037. In exchange for agreeing to postpone the initial call date from July 1, 2016 to July 1, 2023, Citibank agreed to pay the Authority \$3,737,500 plus all cost of issuance for the modification on the call option which is to be used for the semi-annual interest payments. This transaction was executed as a refunding with Citibank.

The Series 2013B Bonds consist of \$74,750,000 term bonds maturing between July 1, 2034 and July 1, 2037, bearing interest rate of 5.00% with semi-annual interest payments each January 1st and July 1st. The Series 2013B Bonds are secured under the Trust Indenture on parity with all bonds outstanding and any other bonds hereafter issued under the

Trust Indenture.

The transaction resulted in a \$2,425,390 deferred charge to be amortized over the term of the new debt. The deferred amount, net of amortization is reflected on the Statement of Net Position under Deferred Inflows of Resources.

(5) \$314,045,000 TOLL SYSTEM REVENUE BONDS, SERIES 2014A

On June 4, 2014, the Authority issued Toll System Revenue Bonds, Series 2014A (Non-taxable) (the "Series 2014A Bonds"). The Series 2014A Bonds were issued to (a) pay a portion of the cost of certain improvements to the system included in the five-year work program of the Authority in effect from time to time, including capitalized interest of \$16,091,574 on the Series 2014A Bonds; (b) fund the increase in the debt service reserve fund requirement resulting from the issuance of the Series 2014A Bonds; and (c) pay costs associated with the issuance of the Series 2014A Bonds.

The Series 2014A Bonds consist of (a) \$142,310,000 serial bonds maturing between July 1, 2020 and July 1, 2034, bearing interest rate between 4.0% and 5.0%; (b) \$3,195,000 fixed term bonds at 4.30% maturing on July 1, 2039; (c) \$72,285,000 fixed term bonds at 5.00% maturing on July 1, 2039; and (d) \$96,255,000 fixed term bonds at 5.00%, maturing on July 1, 2044. Interest on the bonds is paid semi-annually each January 1st and July 1st. The Series 2014A Bonds are secured under the Trust Indenture on parity with all bonds outstanding and any other bonds hereafter issued under the Trust Indenture.

(6) \$266,425,000 TOLL SYSTEM REFUNDING REVENUE BONDS, SERIES 2014B

On October 15, 2014, the Authority issued Toll System Revenue and Refunding Revenue Bonds, Series 2014B (the "Series 2014B Bonds"). The Series 2014B Bonds in the amount of \$266,425,000 were issued to (a) refund a portion of the Authority's, Series 2005 Bonds in the amount of \$160,935,000; and Toll System Revenue Bonds, Series 2006 Bonds in the amount of \$109,925,000; (b) pay termination costs associated with two interest rate swap agreements, UBS A.G. and Citibank, N.A.; (c) fund an increase in the debt service reserve fund requirement resulting from the issuance of the Series 2014B Bonds; and (d) pay certain costs associated with the issuance of the Series 2014B Bonds.

The Series 2014B Bonds consist of \$266,425,000 serial bonds maturing between July 1, 2015 and July 1, 2031, bearing interest rate between 3.0% and 5.0%. Interest on the bonds is paid semi-annually each January 1st and July 1st. The Series 2014B Bonds are secured under the Trust Indenture on parity with all bonds outstanding and any other bonds hereafter issued under the Trust Indenture.

The transaction resulted in a \$31,012,358 deferred charge to be amortized over the term of the new debt. The deferred charge is reflected on the Statement of Net Position under Deferred Outflows of Resources. This refunding resulted in a present value savings of \$11,474,832.

(7) \$95,820,000 TOLL SYSTEM REFUNDING REVENUE BONDS, SERIES 2016A

On September 16, 2016, the Authority issued \$95,820,000 Toll System Refunding Revenue Bonds, Series 2016A (Non-taxable) (the "Series 2016A Bonds"). The Series 2016A were issued for the purpose of providing funds sufficient, together with any other available moneys, to (a) refund the outstanding portion of Series 2006 Bonds in the outstanding principal amount of \$119,660,000; and (b) pay costs and expenses relating to the issuance of the Series 2016A Bonds. The Series 2016A Bonds consist of \$95,820,000 serial bonds maturing between July 1, 2028 and July 1, 2034, bearing interest rate of 5.00% with semi-annual interest payments each January 1st and July 1st. The Series 2016A Bonds are secured under the Trust Indenture on parity with all bonds outstanding and any other bonds hereafter issued under the Trust Indenture.

The transaction resulted in an \$849,349 deferred charge to be amortized over the term of the new debt. The deferred charge is reflected on the Statement of Net Position under Deferred Inflows of Resources. This refunding resulted in a present value savings of \$29,981,341.

Annual Revenue and Refunding Revenue Bonds Debt Service Requirements

The annual revenue and refunding revenue bonds debt service requirements as of:

Year ending June 30,	Principal	Interest
2020	\$ 37,480,000	\$ 69,116,819
2021	42,415,000	67,246,445
2022	46,620,000	65,104,530
2023	51,585,000	62,751,066
2024	57,070,000	60,237,042
2025-2029	304,970,000	255,216,302
2030-2034	282,365,000	181,282,717
2035-2039	374,255,000	99,678,380
2040-2044	179,440,000	19,066,750
Total	\$ 1,376,200,000	\$ 879,700,051

In accordance with the Trust Indenture principal payments are due on July 1st of each year; interest payments due semi-annually on January 1st and on July 1st. For purposes of senior debt coverage computation, the July 1st principal and interest payments are deemed due in the preceding fiscal year.

See Other Information - Schedule of Calculation of Net Revenues and Financial Ratios for ratio computation.

Interest Rate Swap Agreements (Derivative Instruments)

The objective of the Authority's interest rate swap agreement is to hedge changes in cash flows due to changes in interest rates associated with outstanding variable rate debt obligations. As of June 30, 2019 the Authority has one swap with JP Morgan outstanding.

Series 2005 Bonds

On October 28, 2004, the Authority entered into three interest rate swap agreements (the "Swaps") to hedge changes in cash flows due to changes in interest rates associated with the Authority's \$241,400,000 variable rate Series 2005 Bonds. The Swaps were executed with initial notional values of \$80,463,333; \$80,463,334; and \$80,473,333 totaling \$241,400,000 with Bear Stearns Capital Markets, Inc, UBS A.G and Citibank N.A. (collectively, the "Counterparties"). Under the Swap Agreements, the Authority owed interest at a fixed rate of 4.313% to the Counterparties. In return, the Counterparties owed the Authority interest based upon the SIFMA Index.

On May 9, 2008, the Swaps were amended by changing the fixed rate payable by the Authority to 4.372%. In exchange, the Counterparties agreed to make payments to the Authority based on the one-month LIBOR index from May 9, 2008 to May 1, 2009, and thereafter the Counterparties will make payments to the Authority based on SIFMA from May 1, 2009 to termination, July 1, 2034.

On March 14, 2008, due to the financial market crisis, Bear Stearns entered into an agreement with JPMorgan Chase Bank, N.A. ("JPMorgan") to purchase all of its assets and liabilities. On May 30, 2008, the acquisition of Bear Stearns was completed. All outstanding swap agreements were transferred to JPMorgan.

In order to mitigate basis risk associated with a portion of its interest rate swaps, on September 23, 2011, the Authority amended the swap agreement with JPMorgan to convert the floating rate index from the SIFMA index to the one-month LIBOR index for the entire \$80,463,333 notional amount. Effective October 1, 2011, under the amended agreement, the Authority continues to pay the 4.372% fixed rate and receives a floating rate that is 92.25% of one-month LIBOR.

On September 17, 2014, the Authority terminated its swaps with UBS and Citibank as part of the Toll System Refunding Revenue Bonds Series 2014B. As of this date the Authority had one outstanding interest rate swap agreement with JPMorgan as the counterparty.

As of June 30, 2019 and 2018, the swap's notional value was \$77,295,000 and \$78,465,000, which equals the outstanding principal amount of Series 2005 Bonds.

As of June 30, 2019 and 2018, the outstanding swap agreement met the criteria set forth under GASB 53 as an effective hedging derivative instrument and the negative fair market value is reflected on the Statement of Net Position.

Fair Market Value

As of June 30, 2019 and 2018, the swap had a negative fair market value of \$17,732,673 and \$12,139,975, respectively. The fair market values are reflected on the Statement of Net Position under the Deferred Outflows of Resources and Long-Term Liabilities. Interest rate swaps are not normally valued through exchange-type markets with easily accessible quotation systems and procedures. The fair market value is calculated on a recurring basis by the Authority's financials advisor, Hilltop Securities Asset Management, using information obtained from generally recognized sources with respect to quotations, reporting of specific transaction and market conditions, and based on accepted industry standards and methodologies. The fair market value for the swap is not an exchange-traded instrument that has a directly quotable price, and therefore are required to be valued using Level 2 inputs. The valuation technique was based on models that use readily observable market parameters as their inputs. The fair market values of the swaps reflect the effect of nonperformance risk which includes, but may not be limited to, the Authority's own credit risk.

Credit Risk

As of June 30, 2019, the 2005 Swap had a negative fair market value which means that in the event of a termination the Authority will make a termination payment to the Counterparty.

Swap payments and termination amount are supported through a collateralization agreement.

Termination Risk

The maximum exposure resulting from terminating the JPMorgan swap as of June 30, 2019 and 2018 is the aggregate fair market value of \$17,732,673 and \$12,139,975, respectively.

Basis Risk

The Authority will receive a variable payment from the swap which will be used to offset the payments of the Series 2005 Bonds. The variable receipts under the Swap is based on 92.25% of current monthly LIBOR for JPMorgan's payments on the Series 2005 Bonds while the Series 2005 Bonds payments are based on 100% of current monthly LIBOR.

Projected debt service requirements of the variable rate debt and net swap payments, assuming a one-month LIBOR rate of 2.398% as of June 30, 2019, are as follows:

Fiscal Year Ending June 30,	Variable Rate Bonds		Interest Rate Swap, net	Total
	Principal	Interest		
2020	\$ 1,670,000	\$ 2,624,790	\$ 1,497,805	\$ 5,792,595
2021	3,015,000	2,567,208	1,469,906	7,052,114
2022	3,200,000	2,463,251	1,410,390	7,073,641
2023	1,670,000	2,352,915	1,347,288	5,370,203
2024	1,670,000	2,295,334	1,310,013	5,275,347
2025-2029	23,525,000	10,114,363	5,788,353	39,427,716
2030-2034	41,375,000	4,425,853	2,531,371	48,332,224
Total	\$76,125,000	\$26,843,714	\$15,355,126	\$118,323,841

Collateral

On March 22, 2013, the Authority executed an amendment to the swap agreement with JPMorgan to amend the collateral posting requirements under the Credit Support Annex.

As of June 30, 2019, JPMorgan Chase, N.A. was rated Aa2/A+/AA by Moody's/S&P/Fitch; collateral posting thresholds are determined by the lowest rating.

As of June 30, 2019, the Authority was rated A2/A/A- by Moody's/S&P/Fitch; collateral posting thresholds are determined by the highest rating. A negative fair market value causes the Authority to be in a collateral posting position; conversely, a positive fair market value causes the Counterparty to be in a collateral posting position.

As of June 30, 2019 and 2018, the swap had a negative fair market value of \$17,732,673 and \$12,139,975; therefore, the Authority was in a collateral posting position. However, since the swap fair market value was below the threshold of \$50,000,000 for the Authority's credit rating of A2/A/A-, no collateral posting was required.

Ratings Moody's/S&P/Fitch	Fair Value Counterparty	Threshold Authority
Aa3/AA-/AA- and above	\$50,000,000	\$50,000,000
A1/A+/A+	\$50,000,000	\$50,000,000
A2/A/A	\$25,000,000	\$50,000,000
A3/A-/A-	\$10,000,000	\$50,000,000
Baa1/BBB+/BBB+	\$0	\$15,000,000
Below Baa1/BBB+/BBB+ or not rated	\$0	\$0

NOTE 7**Retirement Plans****Florida Retirement System (“FRS”) Plans**

Information, liability, and disclosures here within have been provided by Florida Department of Administration, Division of Retirement.

The Authority participates in 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. The FRS was established in 1970, and, 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.

Benefit provisions as established by Chapter 121, Florida Statutes, and any amendments thereto can be made only by an act of the Florida Legislature.

Employees of the FRS may participate in either the Public Employee Optional Retirement Program (the “Investment Plan”), a defined contribution retirement program, or in the defined benefit retirement plan (the “Pension Plan”).

Benefits in the Investment plan are funded by contributions from employers and employees based on a percentage of the employees’ gross monthly compensation based on the employees’ membership class in the plan; the percentages for fiscal years 2019 and 2018 for employees’ contribution is 3%, and ranges from 3.30% to 4.67% for employers’ contribution. The contributed funds are invested in member-directed investments, in accordance with s. 401(a) of the internal Revenue Code and related regulations; the investments are administered by a third party administrator selected by the state board administration. Members are fully vested in the plan after one year of service with the employers for all employees’ and employers’ contribution paid to the plan plus interest and earnings and less investment and administrative fees. Employees who terminate after one year of service at any age are permitted to withdraw vested funds after 3 calendar months following the month of termination. Employees hired prior to July 1, 2011 and after July 1, 2011 who terminate employment/retire at the age of 62 and 65 respectively, with one or more years of service, are entitled to distribution of a lump sum of their vested funds, roll over the funds, structure a periodic payment, or request partial rollover/distribution of the funds.

Employees participating in the Pension Plan have their benefits computed on the basis of age, average final compensation

and service credit. Benefits under the Plan vest after six years of service for those employees hired prior to July 1, 2011. For employees hired on or after July 1, 2011, benefits under the Plan vest after eight years of service. Employees hired prior to July 1, 2011 who retire at or after age 62, with six years of credited service, are entitled to an annual retirement benefit, payable monthly for life. Employees hired on or after July 1, 2011 who retire at or after age 65, with eight years of credited service, are entitled to an annual retirement benefit, payable monthly for life.

Employees may also participate in the Retiree Health Insurance Subsidy (the “HIS”) Program, which is a cost-sharing, multiple-employer defined benefit pension plan established and administered in accordance with section 112.363, Florida Statutes. For Fiscal years 2019 and 2018, the employer contribution for HIS was 1.66% of gross salaries. The program’s 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.

Contributions, required by all governmental employers, are based on statewide contribution rates. As of July 1, 2011 the state began to require all regular and senior management class employees to contribute 3% of the employee’s salary into the FRS. For fiscal years 2019 and 2018, the employer contribution rate (including HIS and investment plan administrative costs) range– as defined by the State of Florida – was between 7.92% and 24.06% of gross salaries. For fiscal years ended June 30, 2019 and 2018, the Authority contributed 100% of the required employer contributions. The employer contribution was \$569,273 and \$495,155, respectively. For fiscal year 2019 and 2018, the employee contribution was \$129,387 and \$124,487, respectively. The Authority’s net pension liability for fiscal years 2019 and 2018 was \$5,190,001 and \$5,879,595, respectively.

Net Pension Liability of Employers

The total pension liability for each plan was determined by the plans' actuary and reported in the plans' valuations for measurement dates June 30, 2018 and 2017.

	June 30, 2019		June 30, 2018	
	Measurement date June 30, 2018 FRS	Measurement date June 30, 2017 HIS	Measurement date June 30, 2018 FRS	Measurement date June 30, 2017 HIS
Total pension liability	\$ 24,424,425	\$ 1,374,216	\$ 26,354,594	\$ 1,661,683
Plan fiduciary net position	(20,579,106)	(29,534)	(22,109,426)	(27,256)
Net pension liability	\$ 3,845,319	\$1,344,682	\$ 4,245,168	\$ 1,634,427
Plan fiduciary net position as a percentage of the total pension liability	84.26%	2.15%	83.89%	1.64%

Net Pension Liability

The components of the collective net pension liability of the Authority for each defined benefit plan for Fiscal years 2019 and 2018, measurement dates June 30, 2018 and 2017 respectively, are shown below:

The fiduciary net position used by the actuary to determine the net pension liability (as shown above) was determined on the same basis used by the plan. Each plan's fiduciary net position is reported in the financial statements and the net pension liability is disclosed in the notes to the financial statements. Update procedures were not used.

Basis for Allocation

The employer's proportionate share reported in the pension allocation schedules was calculated using accrued retirement contributions for employers that were members of the FRS and HIS during fiscal years 2018 and 2017. Although GASB 68 encourages the use of the employers' projected long-term contribution effort to the retirement plan, allocating on the basis of historical employer contributions is acceptable. The aggregate employer contribution amounts for the fiscal years ended June 30, 2018 and June 30, 2017, agree to the employer contribution amounts reported in the FRS CAFR for those years. This report is available online.

The proportion calculated based on contributions for each of the fiscal years presented in the pension allocation schedules was applied to the net pension liability and other pension amounts applicable to that fiscal year to determine each employer's proportionate share of the liability, deferred outflows of resources, deferred inflows of resources and associated pension expense.

For the purposes of the pension allocation schedules, pension amounts are allocated to reporting employers. The pension amounts of participating employers whose payrolls are reported and contributions are remitted by another entity are included in the reporting employer's amounts and will be allocated to the participating employer by the reporting employer.

Actuarial Methods and Assumptions

Actuarial assumptions for both defined benefit plans are reviewed annually by the Florida Retirement System Actuarial Assumptions Conference. The FRS Pension Plan has a valuation performed annually. The HIS Program has a valuation performed biennially that is updated for GASB reporting in the year a valuation is not performed. The most recent experience study for the FRS Pension Plan was completed in 2014 for the period July 1, 2008, through June 30, 2013. Because the HIS Program is funded on a pay-as-you-go basis, no experience study has been completed for this program.

The total pension liability for each cost-sharing defined benefit plan was determined using the individual entry age actuarial cost method. Inflation increases for both plans is assumed at 2.60%. Payroll growth for both plans is assumed at 3.25%. Both the discount rate and the long-term expected rate of return used for FRS Pension Plan investments is 7.00%. 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.

Asset Class	Target Allocation	
	2018	2017
Cash	1.0%	1.0%
Fixed Income	18.0%	18.0%
Global Equity	54.0%	53.0%
Real Estate	11.0%	10.0%
Private Equity	10.0%	6.0%
Strategic Investments	6.0%	12.0%
Total	100%	100%

For more information regarding the plan's investments please refer to the FRS's CAFR.

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 Program uses a pay-as-you-go funding structure, for measurement dates ending June 30, 2018 and 2017 a municipal bond rate of 3.87% and 3.58%, respectively, was used to determine the total pension liability for the program. Mortality assumptions for both plans were based on the Generational RP-2000 with Projection Scale BB tables (refer to the valuation reports for more information – see Additional Financial and Actuarial Information section).

The following changes in actuarial assumptions occurred for measurement date June 30, 2018:

FRS – As of June 30, 2018, the long-term expected rate of return decreased from 7.10% to 7.00%, and the active member mortality assumption was updated.

HIS – The municipal rate used to determine total pension liability increased from 3.58% to 3.87%.

The following changes in actuarial assumptions occurred for measurement date June 30, 2017:

FRS – As of June 30, 2017, the long-term expected rate of return decreased from 7.60% to 7.10%, and the active member mortality assumption was updated.

HIS – The municipal rate used to determine total pension liability increased from 2.85% to 3.58%.

Sensitivity Analysis

The following tables demonstrate the sensitivity of the net pension liability to changes in the discount rate. The sensitivity analysis shows the impact to the Authority for fiscal years 2019 and 2018 for collective net pension liability of the participating employers if the discount rate was 1.00% higher or 1.00% lower than the current discount rate at measurement dates June 30, 2018 and 2017 respectively.

As of June 30, 2019 and June 30, 2018, measurement dates June 2018 and 2017, respectively, the Authority's portion of the collective net pension liability for FRS was \$3,845,318 and \$4,245,168, respectively; the proportion of the collective net pension liability was 0.012766442% and 0.014351807%, respectively; and the change in the Authority's proportion of the FRS since the prior measurement date was \$(399,849). The Authority's portion of the collective net pension liability for HIS was \$1,344,682 and \$1,634,427, respectively; the Authority's proportion of the collective net pension liability of the HIS was 0.012704725% and 0.015285787%, respectively; and the change in proportion of the HIS since the prior measurement date was \$(289,745).

**JUNE 30, 2019
Measurement date June 30, 2018**

	FRS		HIS	
1% decrease	\$7,017,868	6.00%	\$1,531,514	2.87%
"Current discount rate"	\$3,845,319	7.00%	\$1,344,682	3.87%
1% increase	\$1,210,329	8.00%	\$1,188,947	4.87%

**JUNE 30, 2018
Measurement date June 30, 2017**

	FRS		HIS	
1% decrease	\$7,683,498	6.10%	\$1,910,955	2.58%
"Current discount rate"	\$4,245,168	7.10%	\$1,634,427	3.58%
1% increase	\$1,390,567	8.10%	\$1,442,291	4.58%

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

In accordance with GASB 68, paragraph 71, changes in the net pension liability are recognized in pension expenses in the current measurement period, except as indicated below. For each of the following, a portion is recognized in pension expense in the current measurement periods, and the balance is amortized as deferred outflows or deferred inflows of resources using a systematic and rational method over a closed period, as defined below:

Differences between expected and actual experience with regard to economic and demographic factors – amortized over the average expected remaining service life of all employees that are provided with pensions through the pension plan (active and inactive employees)

Changes of assumptions or other inputs – amortized over the average expected remaining service life of all employees that are provided with pensions through the pension plan (active and inactive employees)

Differences between expected and actual earnings on pension plan investments – amortized over five years

As of June 30, 2019, and June 30, 2018 the Authority reported a net pension liability of \$5,190,001 and \$5,879,595, respectively, corresponding to its proportionate share of the collective net pension liability of FRS and HIS. As of June 30, 2019 and June 30, 2018 the Authority’s proportions of the net collective pension liability for FRS were 0.012766442% and 0.014351807%, respectively; and for HIS the proportions were 0.012704725% and 0.015285787%, respectively. The net pension liability for 2019 and 2018 was measured as of June 30, 2018 and June 30, 2017, respectively, based on the total pension liability calculated on the basis of actuarial assumptions.

Pension expense related to the Authority’s portion of the net collective pension liability for the years ended June 30, 2019 and 2018 were \$(689,594) and \$843,807, respectively. The contributions to the pension plans from employers are not included in collective pension expense.

The average expected remaining service life of all employees provided with pensions through the pension plans at June 30, 2018, was 6.4 years for FRS and 7.2 years for HIS.

The components of collective pension expense reported in the pension allocation schedules for the Authority for fiscal year ended June 30, 2019 and 2018 are presented below for each plan:

JUNE 30, 2019
Measurement date June 30, 2018

FRS	Pension Expense	Deferred Outflows of Resources	Deferred Inflows of Resources
Collective	\$ 659,473	\$ -	\$ -
Change in proportion, NPL	96,071	264,593	(238,516)
Assumptions	-	1,256,463	-
Investments	-	-	(297,098)
Experience	-	325,756	(11,823)
Contributions subsequent to measurement date	-	434,753	-
Total	\$ 755,544	\$ 2,281,565	\$ (547,437)
HIS	Pension Expense	Deferred Outflows of Resources	Deferred Inflows of Resources
Collective	\$ 100,054	\$ -	\$ -
Change in proportion, NPL	(32,254)	69,781	(250,490)
Assumptions	-	149,545	(142,171)
Investments	-	812	-
Experience	-	20,586	(2,285)
Contributions subsequent to measurement date	-	72,948	-
Total	\$ 67,801	\$ 313,672	\$ (394,946)
Total FRS and HIS Pension Allocation	\$ 823,345	\$ 2,595,237	\$ (942,383)

JUNE 30, 2018

Measurement date June 30, 2017

FRS	Pension Expense	Deferred Outflows of Resources	Deferred Inflows of Resources
Collective	\$ 707,060	\$ -	\$ -
Change in proportion, NPL	138,784	403,377	-
Assumptions	-	1,426,676	-
Investments	-	-	(105,206)
Experience	-	389,604	(23,516)
Contributions subsequent to measurement date	-	363,833	-
Total	\$ 845,844	\$ 2,583,490	\$ (128,722)

HIS	Pension Expense	Deferred Outflows of Resources	Deferred Inflows of Resources
Collective	\$ 124,317	\$ -	\$ -
Change in proportion, NPL	4,062	85,358	(36,849)
Assumptions	-	229,744	(141,331)
Investments	-	906	-
Experience	-	-	(3,403)
Contributions subsequent to measurement date	-	68,898	-
Total	\$ 128,379	\$ 384,906	\$ (181,583)
Total FRS and HIS Pension Alllocation	\$ 974,223	\$ 2,968,396	\$ (310,305)

Deferred outflows of resources related to employer contributions paid subsequent to the measurement date and prior to the employer's fiscal year-end of \$507,701 and \$432,731 will be recognized as a reduction of the net pension liability in the subsequent reporting periods ending June 30, 2019 and 2018, respectively. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pension expense will be recognized as follows:

Reporting Period Ending June 30,	FRS Expense	HIS Expense
2020	\$ 190,029	\$ (21,370)
2021	190,029	(21,370)
2022	190,029	(21,370)
2023	190,029	(21,370)
2024	190,029	(21,370)
Thereafter	349,230	(47,372)
Total	\$ 1,299,375	\$ (154,222)

Additional Financial and Actuarial Information

Additional audited financial information supporting the Schedules of Employer Allocations and the Schedules of Pension Amounts by Employer is located in the Florida Retirement System Pension Plan and Other State-Administered Systems CAFR for the fiscal years ended June 30, 2018 and 2017.

The FRS's CAFR and the actuarial valuation reports as are available online at:

https://www.dms.myflorida.com/workforce_operations/retirement/publications/annual_reports

The FRS's CAFR and actuarial reports may also be obtained by contacting the Division of Retirement at:

Department of Management Services • Division of Retirement • Research and Education Section
P.O. Box 9000 • Tallahassee, FL 32315-90008 • 850-488-5706 or toll free at 877-377-1737

NOTE 8**Deferred Outflows and Inflows of Resources**

As of June 30, 2019 and 2018, deferred outflows of resources totaled \$44,951,834, and \$44,285,921, respectively, comprised of the following:

	2019	2018
Interest Rate Swap Derivative instrument	\$ 17,732,673	\$ 12,139,975
Deferred charges due to refundings	24,623,924	29,177,550
Pension	2,595,237	2,968,396
Total deferred outflows	\$ 44,951,834	\$ 44,285,921

As of June 30, 2019 and 2018, deferred inflows of resources totaled \$3,411,593, and \$2,944,526, respectively, comprised of the following:

	2019	2018
Deferred charges due to refundings	\$ 2,469,210	\$ 2,634,222
Pension	942,383	310,304
Total deferred inflows	\$ 3,411,593	\$ 2,944,526

For more detailed information on deferred outflows and inflows of resources, see Note 6, "Long-Term Liabilities", and Note 7, "Retirement Plans", in the Notes to the Financial Statements.

NOTE 9**Commitments and Contingencies**

At June 30, 2019 and 2018, the Authority had in process various uncompleted construction projects with remaining contract balances totaling \$198,761,934 and \$103,603,610, respectively.

In addition, the Authority is obligated under a lease agreement with the State of Florida, expiring in the year 2047, to make annual payments of \$300 for its headquarters office building.

NOTE 10**Litigation and Unasserted Claims****Electronic Transaction Consultants**

On April 14, 2009, the Authority entered into an agreement with Electronic Transaction Consultants Corporation ("ETCC") for the development, operations, and maintenance of an Account Management and Toll Enforcement System ("AMTES Contract") back office. Numerous schedule delays and failures to provide deliverables were experienced. MDX and ETCC each contended that the other breached the agreement. ETCC claims that MDX prevented ETCC's performance and that ETCC is entitled to its direct and consequential costs, as well as contract payment milestones it was prevented from achieving.

A full trial of claims concerning the AMTES agreement began on September 8, 2015 and concluded on October 29, 2015. Following the trial, but before a final decision was entered, the original trial judge was disqualified, and a new trial was granted. The case was tried a second time before a new judge beginning on October 16, 2017 and concluded on November 3, 2017. Although MDX prevailed against ETCC by partial summary judgment early in the case, that summary judgment was reversed prior to disqualification of the original trial judge. The new trial judge did not grant any summary judgment motions prior to the second trial. ETCC prevailed on its claims following the second trial. ETCC damages awarded were \$53,298,717, bearing interest at 5.53% per year. ETCC and the Authority stipulated to an amount of attorney fees and costs in the amount of \$8,000,000 million, bearing interest at 5.72% per year, but not to whether ETCC was entitled to fees. As of June 30, 2018, the total award was recorded on the Authority's financial statements as a current liability, and non-operating claim and judgement of \$61,298,717. As of June 30, 2019, interest expense was recorded in the amount of \$5,217,237, and reflected a current liability totaling \$66,515,955.

The case is currently under appeal at Florida's Third District Court of Appeals, Oral Arguments were held on November 12, 2019. A decision is pending.

Florida Department of Transportation and The Florida House of Representatives

In May 2019, MDX filed suit in the Second Judicial Circuit, in Leon County, challenging legislative enactments passed in 2017, 2018, and 2019. Defendants in the lawsuit are the Florida Department of Transportation and the Florida House of Representatives, who entered the legislation as Intervenor. The 2017 and 2018 enactments challenge MDX's toll rate-

setting authority, as well as rights vested from the Transfer Agreement. The 2019 enactment purports to dissolve MDX and transfer all of its control, assets, and liabilities, to another entity created by that same statute, called the Greater Miami Expressway Agency. The Authority has asserted various constitutional claims for declaratory and injunctive relief, alleging that the legislative enactments violate two provisions of the Florida Constitution (i) Miami-Dade's Home Rule authority, and (ii) the prohibition on the impairment of contracts. By an Order rendered on September 30, 2019, the trial court granted partial summary judgment in MDX's favor, finding the 2019 enactment unconstitutional as a violation of Miami-Dade's Home Rule authority. The decision was appealed by Defendants to the First District Court of Appeal, which triggered an automatic stay. An automatic stay places the trial court judgement on hold. The Florida Department of Transportation has also filed a Petition for Writ of Prohibition arguing that the trial court lacked subject matter jurisdiction over the matter. Until the Writ is resolved, further proceedings in the trial court will be stayed.

In addition to the Home Rule constitutional challenge, the Authority believes that the 2017 Bill and the 2019 Bill conflict with the Authority/FDOT Transfer Agreement, which gave the Authority operational and financial control over the Authority's System, as well as with sections of the Trust Indenture, specifically, the provisions regarding the flow of funds and the payments to the Renewal and Replacement fund. In 1996, the FDOT under the Transfer Agreement conveyed and transferred to the Authority full jurisdiction and control over the operation, maintenance, and finances of the Authority's System in perpetuity, including, without limitation, all rights to regulate, establish, collect, and receive tolls thereon. In exchange, the Authority paid \$80.0 million to defease the outstanding bonds of the State of Florida, and assumed an additional \$11.8 million of liabilities.

2017 Legislative Action

During the 2017 Florida Legislative Session, CS/HB 1049 ("the 2017 Bill") was passed and was approved by the Governor of the State of Florida on June 26, 2017. The 2017 Bill provided significant changes to Chapter 348, Part I (the Florida Expressway Authority Act) regarding certain expressway authorities, which currently only includes the Authority. The 2017 Bill amended certain provisions of Chapter 348, Part I, Florida Statutes to: (1) place restrictions on the toll-setting process,

including requiring an independent traffic and revenue study for toll increases (except for increases tied to inflation/CPI), and a 2/3rd majority vote of the Authority board to approve future toll increases; (2) limit the amount of toll revenue that can be used for administrative expenses; (3) require a distance of at least five (5) miles between main through-lane tolling points on transportation facilities constructed after July 1, 2017; (4) require a reduction in SunPass[®] toll rates of between 5 and 10 percent; (5) dedicate at least 20 percent, but not more than 50 percent, of annual surplus revenues to transportation and transit related expenses for projects in the area served by the Authority; and (6) require certain measures relating to accountability including a financial audit requirement and required website posting of meeting agendas, financial audit, bond covenants, budget, contracts, expenditures and other information, which the Authority already had in place. The legislation includes “savings” clauses that make the toll, operation, and maintenance related amendments subject to the requirements contained in outstanding debt obligations. The 2017 Bill became effective July 1, 2017.

Since the 2017 legislation included a savings clause deferring to the contractual rights and debt obligations, the Authority’s legal position supported not implementing the 5 percent toll reduction included in the amendment, based on its reliance of the savings clauses. In addition, the 2017 Bill dedicated surplus revenue definition conflicts with the Trust Indenture order of flow of funds, whereas required reserves are placed after the dedicated surplus revenue. The Authority’s surplus revenue calculation based on the Trust Indenture was \$2.4 million and \$0 in fiscal years 2018 and 2019, respectively. The 2017 Bill required the metropolitan planning organization (“MPO”) to select the project(s) within the county that must have a rational nexus to the transportation facilities of the Authority, and includes expenses for planning, design, acquisition, construction, and rehabilitation or improvement of various types of public transportation facilities to be funded by the Authority’s dedicated surplus revenue. Once the project(s) are submitted to the Authority by the MPO, the Authority shall select from the list of project(s) to fund from the Authority’s dedicated surplus revenue. As of June 30, 2018 and 2019, as well as the date of the Auditor’s Opinion Letter, no project(s) were submitted by the MPO to be funded by dedicated surplus revenue, therefore, no liabilities for dedicated surplus revenue were recorded within the Financial Statements for fiscal years 2018 and 2019.

2018 Legislative Action

During the 2018 Florida Legislative Session, CS/HB 141 (“the 2018 Bill”) was passed, and was approved by the Governor of the State of Florida on April 6, 2018. The 2018 Bill required the Authority to submit to the Governor a report regarding compliance with the minimum 5% SunPass[®] toll reduction prescribed in the 2017 Bill. If the required toll reduction had not taken place by October 31, 2018, the existing Authority Board would be dissolved, except for the FDOT District Secretary, and a new board would be appointed by the Governor and the Miami-Dade County Commission. On May 29, 2018, the Authority’s Board voted to reduce toll rates across the entire System, not only for SunPass[®] customers, by approximately 6 percent effective July 1, 2018. This reduction resulted in a toll revenue reduction of approximately \$16.0 million dollars beginning in fiscal year 2019.

2019 Legislative Action

During the 2019 Florida Legislative Session, CS/HB 385 (“the 2019 Bill”) was passed and was approved by the Governor of the State of Florida on July 3, 2019.

The 2019 Bill dissolves the Authority and transfers all of its assets and liabilities to a new entity called the Greater Miami Expressway Agency (“GMX”). The 2019 Bill (a) changes the Expressway System’s governance structure, consists of nine voting members appointed as follows: three by the Governor, two by the County Commission, three by the MPO, and the FDOT District 6 Secretary; (b) reduces the ability to increase toll rates: GMX may not increase toll rates until July 1, 2029, including any increases for inflation, except as needed to comply with rate covenants, or on July 1, 2024 or thereafter, as approved by supermajority of the Board; (c) introduces a toll reduction of up to 25% starting in January 2020, the percentage of which is subject to rate covenants and consideration of impact to the financial feasibility of prioritized projects; (d) the State of Florida Auditor General is required to complete a financial assessment of the financial feasibility of a toll rate reduction and submit the report no later than October 1, 2019; and (e) all projects needing financing, and/or any refinancing, will require the approval of the Legislative Budget Commission.

MDX filed suit in Leon County, Florida on May 6, 2019, in anticipation of the 2019 Bill being signed into law.

NOTE 11

Related Party Transactions

As of June 30, 2019 and 2018 there were no known related party transactions reported.

NOTE 12

Subsequent Events

Credit Rating Agencies Actions

Moody's Investor Service

On April 5, 2019, Moody's downgraded the Authority from "A1" to "A2", as well as placed the Authority under Credit Review. The downgrade was driven by the persistent political interference into the Authority's operations, particularly the ability and willingness to increase rates which impacts financial margins.

As indicated by the April 5, 2019 rating action, further action was due to the passage and enactment of Florida House Bill 385 that was signed into law on July 3, 2019. Moody's downgraded the Authority from "A2" to "A3" with a Negative Outlook. Moody's rationale was based on the material changes to governance, and the law dramatically reduces the Authority's ability to raise toll rates.

Fitch

On April 17, 2019, Fitch placed the Authority's "A" credit rating under Negative Watch. The Negative Watch was based on the uncertainty of the political environment surrounding state legislation to repeal the Authority and create a successor agency.

On May 8, 2019, Fitch downgraded the Authority from an "A" to "A-" credit rating and maintained the Negative Watch due to the passage of Florida House Bill 385, which dissolves the Authority and calls for substantially lower tolls with a prolonged moratorium on rate hikes.

On August 29, 2019, Fitch maintained the Authority at an "A-" credit rating and Negative Watch. Fitch stated the Authority has been subjected to a severe level of political scrutiny and interference, making future independent toll setting authority and capital planning limited.

Standard & Poor's (S&P) Global Rating

On May 1, 2019, S&P downgraded the Authority from an "A+" to "A" credit rating with a Negative Outlook. The rating action reflected legislative interventions, and S&P believed constrains the Authority's toll rate setting autonomy, management flexibility, and creates a high degree of uncertainty regarding operations.

On July 16, 2019, S&P placed the Authority's credit on Negative Watch due to the passage and signing of the Bill into law. S&P's action was taken because of the absence of a transition plan detailing next steps, such as operational and capital planning changes, including future borrowing and other actions planned by the new board.

On October 15, 2019, S&P removed the Authority from Credit Watch but assigned a Negative Outlook. The removal of the Credit Watch was due to the legal ruling in favor of the Authority that prevented implementation of the law.

State of Florida Auditor General Report

The 2019 legislation Florida House Bill 385 signed into law required the Auditor General to provide a report to the Governor, the President of the Senate, and the Speaker of the House of Representatives, an assessment of the feasibility of a toll rate reduction, toll rebate program, and report on the financial situation by October 1, 2019. The Auditor General Report dated September 27, 2019, concluded that a toll rate reduction or toll rebate program was not possible and still be able to complete the current capital plan, including the Kendall Parkway Project. The report assessment of the financial situation of the organization was positive.

The State of Florida Auditor General Final Assessment Report can be viewed under the Investor Relations section of the Authority's website: <https://www.mdxway.com/investor-relations/reports>

CCSS

The CCSS went live on June 11, 2018. There were numerous issues and delays that impacted the operations, billings, and collection process. While many of the issues were resolved during fiscal year 2019, the delays did impact the current year's revenue. The amounts owed to the Authority were not sent to collection under the normal billing process cycle. However, it is expected that collections will begin in December 2019.



REQUIRED SUPPLEMENTARY SECTION





REQUIRED SUPPLEMENTARY INFORMATION

Schedule of Miami-Dade Expressway Authority's Proportional Share of Net Pension Liability

Florida Retirement System

	2019	2018	2017	2016	2015
	Measurement Date June 30, 2018	Measurement Date June 30, 2017	Measurement Date June 30, 2016	Measurement Date June 30, 2015	Measurement Date June 30, 2014
Proportion of the net pension liability (asset)	0.012766%	0.014351807%	0.013831170%	0.013318032%	0.012454876%
Proportionate share of the net pension liability (asset)	\$3,845,319	\$4,245,168	\$3,492,381	\$1,720,202	\$759,931
Covered payroll	\$2,816,807	\$2,840,066	\$2,689,248	\$2,555,262	\$2,466,388
Proportionate share of the net pension liability (asset) as a percentage of its covered payroll	136.51%	149.47%	129.86%	67.32%	30.81%
Plan fiduciary net position as a percentage of the total pension liability	84.26%	83.89%	84.88%	92.00%	96.09%

Health Insurance Subsidy

	2019	2018	2017	2016	2015
	Measurement Date June 30, 2018	Measurement Date June 30, 2017	Measurement Date June 30, 2016	Measurement Date June 30, 2015	Measurement Date June 30, 2014
Proportion of the net pension liability (asset)	0.012704725%	0.015285787%	0.014804874%	0.014284997%	0.014107649%
Proportionate share of the net pension liability (asset)	\$1,344,682	\$1,634,427	\$1,725,447	\$1,456,845	\$1,319,100
Covered payroll	\$2,816,807	\$2,840,066	\$2,689,248	\$2,555,262	\$2,466,388
Proportionate share of the net pension liability (asset) as a percentage of its covered payroll	47.74%	57.55%	64.16%	57.01%	53.48%
Plan fiduciary net position as a percentage of the total pension liability	2.14%	1.64%	0.97%	0.50%	0.99%

*Additional years will be displayed as they become available.

REQUIRED SUPPLEMENTARY INFORMATION

Schedule of Miami-Dade Expressway Authority's Contribution

Florida Retirement System

	2019	2018	2017	2016	2015	2014
Contractually required contribution	\$ 434,753	\$ 363,833	\$ 373,613	\$ 337,295	\$ 324,705	\$ 272,815
Contributions in relation to the contractually required contribution	\$(434,753)	\$(363,833)	\$(373,613)	\$(337,295)	\$(324,705)	\$(272,815)
Contribution deficiency (excess)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Covered payroll	\$2,816,807	\$2,503,108	\$2,840,066	\$2,689,248	\$2,555,262	\$2,466,388
Contributions as a percentage of covered payroll	15.43%	14.54%	13.16%	12.54%	12.71%	11.06%

Health Insurance Subsidy

	2019	2018	2017	2016	2015	2014
Contractually required contribution	\$ 72,948	\$ 68,898	\$ 80,897	\$ 75,884	\$ 54,606	\$ 48,328
Contributions in relation to the contractually required contribution	\$(72,948)	\$(68,898)	\$(80,897)	\$(75,884)	\$(54,606)	\$(48,328)
Contribution deficiency (excess)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Covered payroll	\$2,816,807	\$2,503,108	\$2,840,066	\$2,689,248	\$2,555,262	\$2,466,388
Contributions as a percentage of covered payroll	2.59%	2.75%	2.85%	2.82%	2.14%	1.96%

*Additional years will be displayed as they become available.



OTHER INFORMATION





OTHER INFORMATION

Schedule of Calculation of Net Revenue and Financial Ratios

YEARS ENDED JUNE 30, 2019 AND 2018

As Defined and Required by the Trust Indenture

	2019	2018
Revenues:		
Toll and fee revenues, net	\$ 213,071,156	\$ 252,408,004
Investment income	11,201,691	7,274,655
Other revenues	701,044	871,826
Total Revenues	224,973,891	260,554,485
Operating expenses:		
Operations, maintenance, and administration expenses (excludes depreciation and amortization)	40,108,169	54,791,520
Net Revenues	\$ 184,865,722	\$ 205,762,965
Senior Lien Debt Service for All Bonds	\$ 101,415,479	\$ 99,441,016
Ratio of Net Revenues to Senior Lien Debt Service for All Bonds (minimum ratio requirement per trust indenture is 1.20)	1.82	2.07
All Debt Service (Senior Lien and Subordinated Debt Service) and All Fund Payments as Specified by Trust Indenture	\$ 173,986,689	\$ 186,755,237
Ratio of Net Revenues to All Debt Service and All Fund Payments (minimum ratio requirement per trust indenture is 1.00)	1.06	1.10

Schedule of Toll Revenues and Expense Summary

LAST TEN FISCAL YEARS

*As Defined and Required by the Trust Indenture
(In Thousands)*

JUNE 30,	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
REVENUES:										
Toll & fees, net	\$ 213,071	\$ 252,408	\$ 236,932	\$ 234,776	\$ 182,824	\$ 129,217	\$ 134,412	\$ 122,511	\$ 121,863	\$ 111,768
Investment & other	11,903	8,146	5,645	6,022	3,225	6,987	11,117	14,525	9,795	6,669
Total Revenues	224,974	260,554	242,577	240,798	186,050	136,204	145,529	137,036	131,658	118,437
EXPENSES:										
Operations	26,624	39,470	38,256	38,806	32,628	23,537	16,719	24,397	20,262	19,424
Maintenance	7,893	9,229	6,773	7,002	6,843	6,397	5,887	6,549	6,577	6,022
Administration	5,591	6,092	7,547	7,651	5,985	6,742	5,142	5,024	5,591	5,991
Total Expenses	40,108	54,791	52,576	53,458	45,457	36,676	27,748	35,970	32,430	31,437
Net Revenues	\$ 184,866	\$ 205,763	\$ 190,000	\$ 187,340	\$ 140,593	\$ 99,529	\$ 117,781	\$ 101,066	\$ 99,228	\$ 87,000



STATISTICAL SECTION





STATISTICAL SECTION

Table of Contents

This section of the Miami-Dade Expressway Authority’s comprehensive annual financial report presents detailed information designed to assist readers in utilizing the financial statements, note disclosures, and required supplementary information to understand the Authority’s overall economic condition.

The Authority has included in this statistical section information relating to financial trends, revenue capacity, debt capacity and operating information pertaining to the ten most recent fiscal years.

FINANCIAL TRENDS	62
<i>These schedules contain trend information to help the reader understand how the Authority’s financial performance and well-being have changed over time.</i>	
REVENUE CAPACITY	64
<i>These schedules contain information to help the reader assess the Authority’s ability to generate toll revenue.</i>	
DEBT CAPACITY	71
<i>These schedules present information to help the reader assess the Authority’s current levels of outstanding debt and the Authority’s ability to issue additional debt in the future.</i>	
DEMOGRAPHIC and ECONOMIC INFORMATION	72
<i>These schedules offer demographic and economic indicators to help the reader understand the socioeconomic environment within which the Authority’s financial activities take place.</i>	
OPERATING INFORMATION	74
<i>These schedules contain data on operating information to help the reader understand how the information in the Authority’s financial report relates to the services the Authority provides and the activities it performs.</i>	

The Authority implements new pronouncements as required for financial reporting. From time to time new categories are created in order to provide more accurate and useful information regarding the Authority’s operations. Certain prior year amounts may have been reclassified to conform to current year’s presentation for comparative purposes.

Financial information may be rounded to the nearest whole number.

FINANCIAL TRENDS LAST TEN FISCAL YEARS

Summary of Statement of Net Position (In Thousands)

	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
ASSETS AND DEFERRALS:										
Current and other assets	\$ 321,732	\$ 377,299	\$ 391,936	\$ 457,823	\$ 335,452	\$ 218,329	\$ 146,584	\$ 143,329	\$ 127,780	\$ 108,374
Restricted non-current assets	146,574	145,409	143,902	145,374	295,365	446,781	246,019	336,333	425,088	204,351
Capital assets, net	2,048,399	1,966,391	1,896,760	1,675,045	1,578,347	1,475,941	1,395,190	1,314,754	1,199,835	1,078,781
Deferred outflows of resources	44,952	44,286	54,189	66,921	64,724	69,941	71,701	93,726	53,271	52,513
Total assets and deferrals	2,561,657	2,533,384	2,486,786	2,345,163	2,273,888	2,210,992	1,859,494	1,888,142	1,805,974	1,444,019
LIABILITIES AND DEFERRALS:										
Current liabilities	167,758	160,002	106,176	90,512	93,200	57,061	64,021	93,721	69,102	61,443
Long-term liabilities	1,485,010	1,520,867	1,563,280	1,604,066	1,616,584	1,643,504	1,312,999	1,358,573	1,336,471	1,009,900
Deferred inflows of resources	3,412	2,945	2,884	2,614	3,596	2,318	-	-	-	-
Total liabilities and deferrals	1,656,179	1,683,813	1,672,340	1,697,192	1,713,381	1,702,883	1,377,020	1,452,294	1,405,573	1,071,343
NET POSITION:										
Net investment in capital assets	551,034	434,218	398,427	231,385	211,948	200,641	225,634	195,113	162,830	160,346
Restricted	261,353	263,415	281,917	200,339	167,428	165,931	134,851	134,762	128,691	103,971
Unrestricted	93,091	151,939	134,101	216,247	181,131	141,537	121,990	105,974	108,881	108,359
Total net position	\$ 905,478	\$ 849,572	\$ 814,445	\$ 647,971	\$ 560,507	\$ 508,109	\$ 482,475	\$ 435,849	\$ 400,402	\$ 372,676

Restated Net Position for fiscal year 2015, 2012 and 2011 as required by GASB Pronouncements.

Summary of Statement of Revenues, Expenses and Change in Net Position (In Thousands)

	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
OPERATING REVENUES:										
Toll and fee revenues, net	\$ 213,071	\$ 252,408	\$ 236,932	\$ 234,776	\$ 182,824	\$ 129,217	\$ 134,412	\$ 122,511	\$ 121,863	\$ 111,768
Other revenues	701	872	890	745	717	803	1,005	970	819	897
Total operating revenues	213,772	253,280	237,822	235,521	183,542	130,020	135,417	123,481	122,682	112,665
OPERATING EXPENSES:										
Operations	26,624	39,470	38,256	38,806	32,628	23,537	16,719	24,396	20,262	19,424
Maintenance	7,893	9,229	6,773	7,002	6,843	6,397	5,887	6,549	6,577	6,022
Administration	5,591	6,092	7,547	7,651	5,985	6,742	5,142	5,024	5,590	5,991
Depreciation and amortization	38,528	38,707	35,323	29,543	29,181	29,461	28,643	24,516	22,174	22,199
Total operating expenses	78,636	93,498	87,899	83,001	74,637	66,137	56,391	60,485	54,603	53,635
NON-OPERATING REVENUES/(EXPENSES):										
Non-operating revenues	11,202	7,396	4,829	3,191	2,064	6,492	3,845	2,981	2,429	5,105
Non-operating expenses	(90,432)	(134,543)	(68,411)	(70,333)	(137,846)	(56,215)	(43,161)	(41,584)	(40,901)	(20,255)
Total non-operating revenues/(expenses)	(79,230)	(127,148)	(63,582)	(67,142)	(135,781)	(49,723)	(39,315)	(38,603)	(38,471)	(15,150)
Capital Contributions	-	2,492	80,133	2,086	81,820	11,474	6,915	10,574	6,547	668
Change in net position	\$ 55,906	\$ 35,126	\$ 166,474	\$ 87,464	\$ 54,942	\$ 25,634	\$ 46,626	\$ 34,967	\$ 36,154	\$ 44,548

FINANCIAL TRENDS LAST TEN FISCAL YEARS

Capital Assets, net of Depreciation & Amortization (In Thousands)

	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
NON-DEPRECIABLE CAPITAL ASSETS:										
Right to operate the system	\$ 76,645	\$ 76,645	\$ 76,645	\$ 76,645	\$ 76,645	\$ 76,645	\$ 76,645	\$ 76,645	\$ 76,645	\$ 76,645
Land and land easements	258,564	250,526	234,578	228,126	221,551	100,637	93,357	93,123	93,120	92,427
Land improvements	351,471	351,305	351,305	267,774	262,673	223,508	223,508	198,972	175,233	167,660
Construction in progress	502,878	398,759	307,805	468,218	418,373	562,546	454,013	437,470	482,397	391,069
Total non-depreciable capital assets	1,189,558	1,077,234	970,333	1,040,763	979,241	963,336	847,523	806,210	827,395	727,801
DEPRECIABLE CAPITAL ASSETS, NET:										
Furniture and equipment	48,470	54,030	59,976	18,784	10,810	16,241	30,923	38,603	31,673	34,326
Buildings, toll facilities and improvements	38,584	39,634	41,050	38,916	23,627	34,024	35,709	37,459	39,197	37,067
Infrastructure	771,785	795,131	824,655	576,500	564,637	462,302	480,981	432,340	301,384	278,858
Other assets	2	362	745	82	33	38	54	141	186	729
Total depreciable capital assets, net	858,841	889,156	926,426	634,282	599,106	512,605	547,667	508,544	372,440	350,980
Total capital assets, net	\$ 2,048,399	\$ 1,966,391	\$ 1,896,760	\$ 1,675,045	\$ 1,578,347	\$ 1,475,941	\$ 1,395,190	\$ 1,314,754	\$ 1,199,835	\$ 1,078,781

Changes to Capital Assets (In Thousands)

	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
Beginning Balance	\$ 1,966,391	\$ 1,896,760	\$ 1,675,045	\$ 1,578,347	\$ 1,475,941	\$ 1,395,190	\$ 1,314,754	\$ 1,199,835	\$ 1,078,781	\$ 949,359
Additions	140,952	119,715	261,723	219,666	211,941	117,879	109,080	142,956	149,340	152,081
Disposals	(20,416)	(11,377)	(4,686)	(93,426)	(80,354)	(7,667)	(1)	(3,521)	(6,112)	(460)
Depreciation	(38,528)	(38,707)	(35,323)	(29,543)	(29,181)	(29,461)	(28,643)	(24,516)	(22,174)	(22,199)
Total capital assets, net	\$2,048,399	\$1,966,391	\$1,896,760	\$1,675,045	\$1,578,347	\$1,475,941	\$1,395,190	\$1,314,754	\$1,199,835	\$1,078,781

REVENUE CAPACITY LAST TEN FISCAL YEARS

Schedule of Historical SunPass® & TBP Rates by Vehicle Class

	2006-2013	2014	2015	2016-2018
2 axles	\$1.25	\$2.00	\$1.40	\$0.25 - \$1.40
3 axles	\$2.50	\$4.00	\$2.80	\$0.50 - \$2.80
4 axles	\$3.75	\$6.00	\$4.20	\$0.50 - \$4.20
5 axles	\$5.00	\$8.00	\$5.60	\$0.50 - \$5.60
Each additional axle	\$1.25	\$2.00	\$1.40	\$0.50 - \$1.40

Comments

1. Toll rates at the Dolphin (SR 836) 97th Ave location are 25 cents less for both cash and SunPass®. The Dolphin Expressway Extension toll rate is 25 cents.
2. Toll rate change for Gratigny Parkway (SR924) on July 07, 2010 with implementation of Open Road Tolling (“ORT”), the cash rate was replaced with a new TBP rate at 65 cents per 2-axle vehicle.
3. Due to full ORT conversion the highest TBP rate is presented; Multi-axle vehicles are capped at 3 axles for SunPass® only.
4. For fiscal year 2016 thru 2018 toll rates average ranges include SunPass® and TBP by gantry.
5. Rates lowered on July 1, 2018, please see next table for current rates.



REVENUE CAPACITY LAST TEN FISCAL YEARS

Schedule of Toll Rates by Vehicle Class Effective July 01, 2018

VEHICLE CLASSIFICATIONS

Tolls are collected based upon the classification of the vehicle.

The classification is determined by the number of axles on the vehicle.

Multi-axle vehicles are capped at 3 axles for SunPass® only. Toll by Plate ("TBP") rates are x2 SunPass® rates.

LOCATION & DIRECTION OF TRAVEL	TYPE OF PAYMENT	VEHICLE CLASSIFICATION				ADDITIONAL AXLE (EA.)
		2-AXLES	3-AXLES	4-AXLES	5-AXLES	
GRATIGNY (SR 924)						
East/West at 57th Ave	SunPass®	0.47	0.94	0.94	0.94	-
	TBP	0.94	1.88	2.82	3.76	0.94
East/West at 42nd Ave	SunPass®	0.47	0.94	0.94	0.94	-
	TBP	0.94	1.88	2.82	3.76	0.94
AIRPORT (SR 112)						
East/West at 32nd Ave	SunPass®	0.33	0.66	0.66	0.66	-
	TBP	0.66	1.32	1.98	2.64	0.66
East/West at 17th Ave	SunPass®	0.33	0.66	0.66	0.66	-
	TBP	0.66	1.32	1.98	2.64	0.66
DOLPHIN (SR 836)						
East/West at 137th Ave	SunPass®	0.28	0.56	0.56	0.56	-
	TBP	0.56	1.12	1.68	2.24	0.56
East/West at 107th Ave Ramp	SunPass®	0.28	0.56	0.56	0.56	-
	TBP	0.56	1.12	1.68	2.24	0.56
East/West at 97th Ave	SunPass®	0.66	1.32	1.32	1.32	-
	TBP	1.32	2.64	3.96	5.28	1.32
East at 87th Ave Ramp	SunPass®	0.28	0.56	0.56	0.56	-
	TBP	0.56	1.12	1.68	2.24	0.56
East/West at 57th Ave	SunPass®	0.66	1.32	1.32	1.32	-
	TBP	1.32	2.64	3.96	5.28	1.32
East/West at 57th Ave Ramp	SunPass®	0.28	0.56	0.56	0.56	-
	TBP	0.56	1.12	1.68	2.24	0.56
East/West at 27th Ave	SunPass®	0.28	0.56	0.56	0.56	-
	TBP	0.56	1.12	1.68	2.24	0.56
East/West at 17th Ave	SunPass®	0.66	1.32	1.32	1.32	-
	TBP	1.32	2.64	3.96	5.28	1.32
East/West at 12th Ave	SunPass®	0.28	0.56	0.56	0.56	-
	TBP	0.56	1.12	1.68	2.24	0.56
East/West at 12th Ave Ramp	SunPass®	0.28	0.56	0.56	0.56	-
	TBP	0.56	1.12	1.68	2.24	0.56
DON SHULA (SR 874)						
North/South at Turnpike	SunPass®	0.23	0.46	0.46	0.46	-
	TBP	0.46	0.92	1.38	1.84	0.46
North/South at Killian	SunPass®	0.23	0.46	0.46	0.46	-
	TBP	0.46	0.92	1.38	1.84	0.46
North/South at SR 826	SunPass®	0.47	0.94	0.94	0.94	-
	TBP	0.94	1.88	2.82	3.76	0.94
SNAPPER CREEK (SR 878)						
East/West at 87th Ave	SunPass®	0.23	0.46	0.46	0.46	-
	TBP	0.46	0.92	1.38	1.84	0.46
East/West at SR 826	SunPass®	0.23	0.46	0.46	0.46	-
	TBP	0.46	0.92	1.38	1.84	0.46

REVENUE CAPACITY LAST TEN FISCAL YEARS

Total Toll and Fee Revenues, net by Expressway

EXPRESSWAY	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
Airport (SR112)	\$ 24,579,553	\$ 27,478,330	\$ 26,561,741	\$ 27,055,994	\$ 21,472,109	\$ 16,427,038	\$ 15,754,261	\$ 14,987,758	\$ 14,234,944	\$ 13,180,625
Dolphin (SR 836)	124,564,600	144,026,944	137,664,301	138,813,363	97,689,380	56,100,746	59,026,597	56,898,708	55,622,293	51,769,877
Don Shula (SR 874)	36,720,694	41,420,167	40,833,876	37,390,817	35,299,792	30,832,960	30,769,867	27,463,746	28,017,507	26,949,786
Snapper Creek (SR 878)	6,140,426	7,456,415	7,195,150	7,322,638	7,224,638	6,657,098	6,860,154	6,347,631	5,920,280	-
Gratigny (SR 924)	17,669,783	19,590,907	19,304,918	18,662,423	18,996,559	16,423,232	15,369,594	13,772,031	13,205,654	11,544,801
FDR Program	(5,983,567)	-	(5,639,720)	(5,283,223)	(2,182,241)	-	-	-	-	-
Sub-total	203,691,489	239,972,762	225,920,265	223,962,013	178,500,237	126,441,074	127,780,474	119,469,873	117,000,679	103,445,089
I-Tolls/V-Tolls	-	-	-	-	-	-	-	-	107,560	5,601,447
Fees & Recovery revenue	9,379,667	12,435,242	11,011,544	10,813,667	4,324,122	2,775,569	6,631,977	3,040,926	4,755,112	2,721,612
MDX System	\$213,071,156	\$252,408,004	\$236,931,810	\$234,775,680	\$182,824,359	\$129,216,643	\$134,412,451	\$122,510,799	\$121,863,351	\$111,768,148

In fiscal year 2011 the Authority began collecting tolls on Snapper Creek (SR 878) as part of the ORT implementation. As a result, revenue data is only available as of fiscal year 2011.

Total Toll Revenues, net and Percentage by Payment Type

FISCAL YEAR	SUNPASS®	CASH	TBP	TOTAL TOLL REVENUE, NET	SUNPASS® %	CASH %	TBP %
2019	\$ 175,426,391	\$ -	\$ 28,265,098	\$ 203,691,489	86.1%	0.0%	13.9%
2018	189,396,530	-	50,576,233	239,972,762	78.9%	0.0%	21.1%
2017	185,369,833	-	40,550,433	225,920,265	82.1%	0.0%	17.9%
2016	178,888,501	-	45,073,512	223,962,013	79.9%	0.0%	20.1%
2015	145,859,814	1,847,915	30,792,508	178,500,237	81.7%	1.0%	17.3%
2014	107,942,281	5,840,978	12,657,815	126,441,074	85.4%	4.6%	10.0%
2013	105,066,090	10,584,376	12,130,008	127,780,474	82.2%	8.3%	9.5%
2012	103,083,075	11,318,576	5,068,222	119,469,873	86.3%	9.5%	4.2%
2011	95,403,415	15,625,727	5,971,537	117,000,679	81.5%	13.4%	5.1%
2010	70,698,098	32,105,114	641,877	103,445,089	68.3%	31.0%	-

REVENUE CAPACITY LAST TEN FISCAL YEARS

Total Traffic/Transactions by Expressway

EXPRESSWAY	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
Airport (SR 112)	79,923,082	76,244,944	76,077,255	74,271,512	50,032,772	15,617,517	14,621,834	14,154,013	13,227,628	12,689,945
Dolphin (SR 836)	234,730,610	228,212,022	233,527,476	220,269,836	150,275,681	74,492,744	73,741,784	72,905,323	69,036,257	66,435,710
Don Shula (SR 874)	123,666,727	121,182,421	120,745,208	112,450,547	104,183,684	96,017,658	93,377,928	90,807,370	86,652,716	26,533,302
Snapper Creek (SR 878)	27,359,713	26,953,117	27,892,584	28,147,979	27,789,132	26,832,452	26,890,719	26,623,114	24,616,913	-
Gratigny (SR 924)	37,980,924	37,638,929	37,198,404	36,503,894	34,546,590	31,391,539	28,913,878	28,165,540	26,579,047	11,744,256
MDX System	503,661,056	490,231,433	495,440,927	471,643,768	366,827,859	244,351,910	237,546,143	232,655,360	220,112,561	117,403,213

For fiscal years 2015 - 2016 the Authority completed the transition to all-electronic tolling and introduced several changes for tolling points on SR 836 and SR 112 as part of the Open Road Tolling implementation.

In fiscal year 2011 the Authority began collecting tolls on Snapper Creek (SR 878) as part of the ORT implementation. As a result, revenue data is only available as of fiscal year 2011.

Total Toll Transactions by Category

FISCAL YEAR	SUNPASS®	CASH	TBP	TOTAL TRANSACTIONS	SUNPASS® %	CASH %	TBP %
2019	363,077,026	-	140,584,030	503,661,056	72.1%	-	27.9%
2018	401,194,475	-	89,036,958	490,231,433	81.8%	-	18.2%
2017	405,316,678	-	90,124,249	495,440,927	81.8%	-	18.2%
2016	378,739,649	-	92,904,119	471,643,768	80.3%	-	19.7%
2015	293,742,534	1,621,357	71,463,968	366,827,859	80.1%	0.4%	19.5%
2014	200,229,761	5,104,702	39,017,447	244,351,910	81.9%	2.1%	16.0%
2013	199,837,280	8,987,838	28,721,025	237,546,143	84.1%	3.8%	12.1%
2012	172,603,224	6,941,817	53,110,319	232,655,360	74.2%	3.0%	22.8%
2011	161,046,449	13,409,536	45,656,576	220,112,561	73.2%	6.1%	20.7%
2010	89,039,808	27,000,829	1,362,576	117,403,213	75.8%	23.0%	1.2%

REVENUE CAPACITY LAST TEN FISCAL YEARS

Average Daily Revenue by Expressway

EXPRESSWAY	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
Airport (SR 112)	\$ 67,341	\$ 78,510	\$ 73,578	\$ 74,126	\$ 58,828	\$ 45,006	\$ 43,162	\$ 41,062	\$ 39,000	\$ 36,111
Dolphin (SR 836)	341,273	411,506	381,342	380,311	267,642	153,701	161,717	155,887	152,390	141,835
Don Shula (SR 874)	100,605	118,343	113,113	102,441	96,712	84,474	84,301	75,243	76,760	73,835
Snapper Creek (SR 878)	16,823	21,304	19,931	20,062	19,794	18,239	18,795	17,391	16,220	-
Gratigny (SR 924)	48,410	55,974	53,476	51,130	52,045	44,995	42,108	37,732	36,180	31,630
MDX System Average	\$ 574,452	\$ 685,636	\$ 641,440	\$ 628,069	\$ 495,020	\$ 346,414	\$ 350,083	\$ 327,315	\$ 320,550	\$ 283,411

In fiscal year 2011 the Authority began collecting tolls on Snapper Creek (SR 878) as part of the ORT implementation, as a result, revenue data is only available as of fiscal year 2011.

In fiscal year 2017 average daily toll calculated using 361 days. Tolls lifted 4 days due to Hurricane Matthew.

In fiscal year 2018 average daily toll calculated using 350 days. Tolls lifted 15 days due to Hurricane Irma.

In fiscal year 2019 average daily toll calculated using 365 days.

Average Daily Traffic/Transactions by Expressway

EXPRESSWAY	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
Airport (SR 112)	218,967	217,843	210,740	203,484	137,076	42,788	40,060	38,778	36,240	34,767
Dolphin (SR 836)	643,098	652,034	646,891	603,479	411,714	204,090	202,032	199,741	189,140	182,016
Don Shula (SR 874)	338,813	346,235	334,474	308,084	285,435	263,062	255,830	248,787	237,405	72,694
Snapper Creek (SR 878)	74,958	77,009	77,265	77,118	76,135	73,514	73,673	72,940	67,444	-
Gratigny (SR 924)	104,057	107,540	103,043	100,011	94,648	86,004	79,216	77,166	72,819	32,176
MDX System Average	1,379,893	1,400,661	1,372,413	1,292,175	1,005,008	669,457	650,811	637,412	603,048	321,653

In fiscal year 2011 the Authority began collecting tolls on Snapper Creek (SR 878) as part of the ORT implementation, as a result, revenue data is only available as of fiscal year 2011.

In fiscal year 2017 average daily toll calculated using 361 days. Tolls lifted 4 days due to Hurricane Matthew.

In fiscal year 2018 average daily toll calculated using 350 days. Tolls lifted 15 days due to Hurricane Irma.

In fiscal year 2019 average daily toll calculated using 365 days.

REVENUE CAPACITY LAST TEN FISCAL YEARS

Traffic/Transaction Vehicle Class by Expressway

EXPRESSWAY	CLASS	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
AIRPORT SR 112	2-axles	77,758,581	74,093,116	73,846,841	72,138,592	48,669,891	15,291,835	14,319,811	13,867,638	12,945,556	12,410,908
	3-axles	966,626	961,968	1,051,258	1,012,830	689,969	187,975	174,301	159,970	151,748	150,545
	4-axles	273,731	272,415	294,442	295,716	185,604	32,466	28,769	29,188	27,586	25,487
	5-axles	860,856	855,280	827,363	782,332	467,102	102,560	96,244	93,608	98,648	99,566
	< 6-axles	63,288	62,165	57,351	42,042	20,206	2,681	2,709	3,609	4,091	3,438
DOLPHIN SR 836	2-axles	230,768,370	224,348,941	229,682,976	216,761,009	147,891,661	73,468,583	72,768,115	71,983,114	68,093,768	65,562,730
	3-axles	1,909,354	1,897,062	1,949,760	1,830,859	1,258,608	546,700	510,585	496,898	531,212	484,304
	4-axles	797,981	794,204	761,391	663,910	503,283	228,069	202,046	178,429	191,857	178,329
	5-axles	1,197,300	1,118,055	1,089,657	965,747	598,750	238,450	251,279	237,542	211,311	201,951
	< 6-axles	57,605	53,760	43,692	48,311	23,379	10,942	9,758	9,340	8,110	8,396
DON SHULA SR 874	2-axles	121,915,740	118,925,155	118,674,327	110,604,230	102,572,206	94,524,301	91,976,205	89,474,741	85,396,631	26,258,883
	3-axles	1,005,547	1,005,258	941,899	828,548	756,134	707,916	671,287	646,202	598,833	128,204
	4-axles	350,659	714,635	636,682	565,471	479,522	442,790	416,651	382,847	349,846	50,649
	5-axles	382,601	509,938	470,194	419,154	360,777	329,192	301,302	289,449	290,044	92,683
	< 6-axles	12,180	27,435	22,106	33,144	15,045	13,459	12,481	14,131	17,362	2,884
SNAPPER CREEK SR 878	2-axles	27,164,126	26,739,800	27,689,979	27,945,327	27,574,885	26,635,099	26,705,029	26,437,767	24,453,316	-
	3-axles	120,797	99,879	100,116	104,608	111,185	101,032	93,549	91,494	81,519	-
	4-axles	53,665	83,820	76,801	72,376	72,172	69,344	65,654	64,800	56,103	-
	5-axles	19,479	27,586	24,051	24,502	29,157	25,653	25,213	27,435	24,316	-
	< 6-axles	1,646	2,032	1,637	1,166	1,733	1,324	1,274	1,618	1,659	-
GRATIGNY SR 924	2-axles	35,633,384	35,099,304	34,880,517	34,293,005	32,634,681	29,726,577	27,471,969	26,821,571	25,329,380	11,331,749
	3-axles	866,477	853,403	776,759	759,661	662,689	572,510	504,519	488,336	461,592	144,958
	4-axles	443,572	616,829	572,075	564,018	457,166	394,493	330,873	298,713	287,397	82,321
	5-axles	1,004,281	1,034,496	936,806	860,112	768,636	679,294	591,845	541,442	485,946	177,368
	< 6-axles	33,210	34,897	32,247	27,098	23,418	18,665	14,675	15,478	14,732	7,860
MDX SYSTEM	2-axles	493,240,201	479,206,316	484,774,640	461,742,163	359,343,324	239,646,395	233,241,129	228,584,831	216,218,650	115,564,271
	3-axles	4,868,801	4,817,570	4,819,792	4,536,506	3,478,585	2,116,133	1,954,241	1,882,900	1,824,903	908,011
	4-axles	1,919,608	2,481,903	2,341,391	2,161,491	1,697,747	1,167,162	1,043,993	953,977	912,789	336,786
	5-axles	3,464,517	3,545,355	3,348,071	3,051,847	2,224,422	1,375,149	1,265,883	1,189,476	1,110,265	571,568
	< 6-axles	167,929	180,289	157,033	151,761	83,781	47,071	40,897	44,176	45,954	22,577

TOTAL TRAFFIC TRANSACTIONS

503,661,056 490,231,433 495,440,927 471,643,768 366,827,859 244,351,910 237,546,143 232,655,360 220,112,561 117,403,213

In fiscal year 2011 the Authority began collecting tolls on Snapper Creek (SR 878) as part of the ORT implementation, as a result, revenue data is only available as of fiscal year 2011.

REVENUE CAPACITY LAST TEN FISCAL YEARS

Traffic/Transaction Percentage by Expressway

EXPRESSWAY	PAYMENT TYPE	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
Airport (SR 112)	SunPass®	67.1%	80.2%	80.1%	78.1%	74.8%	63.6%	75.4%	64.0%	62.3%	67.1%
	Cash	-	-	-	-	1.9%	18.5%	20.9%	22.4%	22.3%	32.3%
	TBP	32.9%	19.8%	19.9%	21.9%	23.3%	18.0%	3.7%	13.6%	15.3%	1.0%
Dolphin (SR 836)	SunPass®	72.2%	82.9%	83.3%	81.1%	79.5%	81.6%	83.6%	73.8%	73.0%	70.8%
	Cash	-	-	-	-	0.4%	3.0%	8.1%	5.2%	11.7%	28.4%
	TBP	27.8%	17.1%	16.7%	18.9%	20.0%	15.4%	8.4%	21.0%	15.4%	1.0%
Don Shula (SR 874)	SunPass®	73.8%	80.7%	80.1%	79.4%	81.2%	83.4%	85.7%	74.5%	74.5%	70.2%
	Cash	-	-	-	-	-	-	-	-	0.3%	29.1%
	TBP	26.2%	19.3%	19.9%	20.6%	18.8%	16.6%	14.3%	25.5%	25.2%	1.0%
Snapper Creek (SR 878)	SunPass®	77.9%	85.6%	87.9%	84.5%	85.2%	86.9%	89.0%	78.3%	76.7%	-
	TBP	22.1%	14.4%	12.1%	15.5%	14.8%	13.1%	11.0%	21.7%	23.4%	-
Gratigny (SR 924)	SunPass®	71.9%	80.1%	77.1%	79.0%	82.7%	83.3%	86.1%	75.3%	74.3%	76.1%
	Cash	-	-	-	-	-	-	-	-	-	19.9%
	TBP	28.1%	19.9%	22.9%	21.0%	17.3%	16.7%	13.9%	24.7%	25.7%	4.0%
MDX System	SunPass®	72.1%	81.8%	81.8%	80.3%	80.1%	81.9%	84.1%	74.2%	73.2%	75.9%
	Cash	-	-	-	-	0.4%	2.1%	3.8%	3.0%	6.1%	23.0%
	TBP	27.9%	18.2%	18.2%	19.7%	19.5%	16.0%	12.1%	22.8%	20.7%	1.1%

In fiscal year 2011 the Authority began collecting tolls on Snapper Creek (SR 878) as part of the ORT implementation, as a result, revenue data is only available as of fiscal year 2011.



DEBT CAPACITY LAST TEN FISCAL YEARS

Outstanding Debt - Principal (In Thousands)

FISCAL YEAR	REVENUE BONDS	SIB LOANS	TFRTF LOANS	TOTAL DEBT
2019	\$1,492,897	\$-	\$-	\$1,492,897
2018	1,530,432	-	-	1,530,432
2017	1,563,340	-	-	1,563,340
2016	1,586,609	-	-	1,586,609
2015	1,603,569	11,975	3,750	1,619,294
2014	1,580,831	16,281	4,500	1,601,612
2013	1,254,949	22,459	5,250	1,282,658
2012	1,248,549	30,463	5,750	1,284,762
2011	1,252,654	39,466	6,000	1,298,120
2010	925,184	41,613	6,112	972,909

Debt Covenants (In Thousands)

FISCAL YEAR	NET REVENUES AVAILABLE FOR DEBT SERVICE	SENIOR DEBT SERVICE	TOTAL DEBT SERVICE AND ALL FUND PAYMENTS	SENIOR BONDS COVERAGE RATIO	ALL DEBT COVERAGE RATIO
2019	\$ 184,866	\$ 101,415	\$ 173,987	1.82	1.06
2018	205,763	99,441	186,755	2.07	1.10
2017	190,001	95,717	102,481	1.99	1.85
2016	187,340	86,125	105,419	2.18	1.78
2015	140,593	63,374	68,729	2.22	2.05
2014	99,529	62,948	70,283	1.58	1.42
2013	117,782	75,341	84,371	1.56	1.40
2012	101,066	73,629	87,470	1.37	1.16
2011	99,228	58,506	79,608	1.70	1.25
2010	87,000	55,921	66,479	1.56	1.31

Minimum ratio requirement per trust indenture is 1.20 for Senior Lien Debt Service and 1.00 for All Debt Service and Fund Payments.

Ratios of Outstanding Debt (In Thousands)

Fiscal Year	Center Lane Miles*	Lane Miles*	Operating Revenue	Total Debt	Debt Per Center Lane Mile	Debt Per Lane Mile	Debt Per Operating Revenue in Dollars
2019	33.59	227.2	\$ 213,772	\$ 1,492,897	\$ 44,445	\$ 6,571	\$ 6.98
2018	33.59	228.1	253,280	1,530,432	45,562	6,708	6.04
2017	33.60	228.1	237,822	1,563,340	46,528	6,853	6.57
2016	33.60	223.9	235,521	1,586,609	47,221	7,086	6.74
2015	33.59	223.9	183,542	1,619,294	48,208	7,231	8.82
2014	33.60	226.4	130,020	1,601,612	47,667	7,074	12.32
2013	33.60	222.3	135,417	1,282,658	38,174	5,770	9.47
2012	33.60	222.3	123,480	1,284,762	38,237	5,779	10.40
2011	33.59	219.7	122,682	1,298,120	38,647	5,908	10.58
2010	33.60	220.4	112,665	972,909	28,956	4,415	8.64

*Center lane and lane miles are calculated on main line roadway.

DEMOGRAPHIC + ECONOMIC INFORMATION LAST TEN FISCAL YEARS

Miami-Dade County

Year	Population (In Thousands)	Total Personal Income (In Thousands)	Per-Capita Personal Income*	Consumer Price Index	Labor Force (In Thousands)	Unemployment Rate (%)	Retail Gas Prices (All Grades All Formulations, Dollars per Gallon)
2018	2,762	#N/A	#N/A	265.1	1,383	3.9%	\$2.85
2017	2,745	\$126,716	\$46,048	256.7	1,376	4.6%	\$2.85
2016	2,723	\$121,447	\$44,380	249.8	1,324	5.1%	\$2.47
2015	2,688	\$120,336	\$44,470	245.4	1,308	5.8%	\$2.70
2014	2,660	\$112,309	\$41,989	243.1	1,314	6.7%	\$3.59
2013	2,636	\$103,429	\$39,119	238.2	1,291	7.4%	\$3.74
2012	2,602	\$103,042	\$39,513	235.2	1,282	8.3%	\$3.80
2011	2,570	\$100,313	\$39,009	230.9	1,255	9.4%	\$3.70
2010	2,496	\$95,890	\$38,245	223.1	1,225	11.1%	\$2.93

Florida

Year	Population (In Thousands)	Total Personal Income (In Thousands)	Per-Capita Personal Income*	Consumer Price Index	Labor Force (In Thousands)	Unemployment Rate (%)	Retail Gas Prices (All Grades All Formulations, Dollars per Gallon)
2018	21,299	\$1,052,550	\$49,417	242.7	10,235	3.6%	\$2.70
2017	20,977	\$1,000,624	\$47,684	237.5	10,093	4.2%	\$2.49
2016	20,630	\$953,261	\$46,148	232.7	9,826	4.8%	\$2.22
2015	20,224	\$919,227	\$45,352	230.1	9,608	5.5%	\$2.44
2014	19,860	\$858,499	\$43,146	230.6	9,567	6.3%	\$3.42
2013	19,563	\$794,797	\$40,582	226.7	9,454	7.2%	\$3.57
2012	19,326	\$791,919	\$40,944	223.2	9,383	8.5%	\$3.63
2011	19,093	\$766,186	\$40,120	218.6	9,301	10.0%	\$3.55
2010	18,801	\$725,801	\$38,511	211.3	9,212	11.1%	\$2.83

United States

Year	Population (In Thousands)	Total Personal Income (In Thousands)	Per-Capita Personal Income*	Consumer Price Index	Labor Force (In Thousands)	Unemployment Rate (%)	Retail Gas Prices (All Grades All Formulations, Dollars per Gallon)
2018	327,167	\$17,572,929	\$53,712	251.1	162,075	3.9%	\$2.81
2017	325,147	\$16,820,250	\$51,640	245.1	160,320	4.4%	\$2.53
2016	323,071	\$16,115,630	\$49,831	240.0	159,187	4.9%	\$2.25
2015	320,743	\$15,711,634	\$48,940	237.0	157,130	5.3%	\$2.52
2014	318,386	\$14,983,140	\$47,025	236.7	155,922	6.2%	\$3.44
2013	316,058	\$14,175,503	\$44,826	233.0	155,389	7.4%	\$3.58
2012	313,874	\$13,998,383	\$44,582	229.6	154,975	8.1%	\$3.68
2011	311,580	\$13,315,478	\$42,727	224.9	153,617	8.9%	\$3.58
2010	308,746	\$12,541,995	\$40,545	218.1	153,889	9.6%	\$2.84

Sources: Population: United States Census Bureau
 Personal Income: Bureau of Economic Analysis
 Consumer Price Index: Bureau of Labor Statistics (1982-84 = 100)
 Labor Force: Bureau of Labor Statistics
 Unemployment Rate: Bureau of Labor Statistics
 CPI: Miami-Ft. Lauderdale and South Urban as substitutes for Miami-Dade and Florida, respectively

Total Employment by Industry: Miami-Dade County

DESCRIPTION / EMPLOYMENT BY INDUSTRY:	2017	% OF TOTAL	2007	% OF TOTAL
Farming	7,540	0.4%	7,523	0.5%
Forestry, Fishing, and Related Activities	3,568	0.2%	2,534	0.2%
Mining/Extraction	1,715	0.1%	974	0.1%
Utilities	4,557	0.3%	3,872	0.3%
Construction	84,084	4.7%	85,674	5.9%
Manufacturing	49,271	2.8%	51,973	3.6%
Wholesale Trade	84,741	4.8%	82,929	5.7%
Retail Trade	173,058	9.7%	146,900	10.1%
Transportation and Warehousing	124,668	7.0%	81,540	5.6%
Information	25,665	1.4%	25,861	1.8%
Finance and Insurance	102,362	5.8%	74,193	5.1%
Real Estate and Rental and Leasing	136,662	7.7%	84,226	5.8%
Professional, Scientific, and Technical Services	124,298	7.0%	98,778	6.8%
Management of Companies and Enterprises	21,181	1.2%	10,023	0.7%
Administrative and Waste Management Services	138,849	7.8%	114,980	7.9%
Educational Services	44,561	2.5%	33,485	2.3%
Health Care and Social Assistance	185,190	10.4%	145,029	10.0%
Arts, Entertainment, and Recreation	30,884	1.7%	24,637	1.7%
Accommodation and Food Services	139,119	7.8%	98,713	6.8%
Other Services (Except Public Administration)	144,126	8.1%	119,451	8.2%
Government and Government Enterprises	149,622	8.4%	160,719	11.1%
Total Employment	1,775,721	100.0%	1,454,014	100.0%

Source: Bureau of Economic Analysis



OPERATING INFORMATION | LAST TEN FISCAL YEARS

Full-Time Employees by Department

DEPARTMENT	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
Executive	3	3	3	3	3	3	2	2	2	2
Finance / Administration	6	6	7	9	9	11	12	11	12	13
Procurement	4	4	4	4	4	3	4	4	4	5
Information Technology	7	8	9	12	13	13	13	13	13	14
Legal	3	3	3	3	3	1	2	2	2	1
Engineering / Public Communications	7	7	7	8	9	8	9	9	9	9
Toll Operations	3	3	3	4	4	5	5	5	5	5
Total Employees	33	34	36	43	45	44	47	46	47	49



Miami-Dade County Expressway Authority
d/b/a Miami-Dade Expressway Authority and MDX
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MIAMI-DADE EXPRESSWAY AUTHORITY

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December 2, 2019

Moore Stephens Lovelace, P.A.
Certified Public Accountants and
Management Consultants
255 South Orange Ave., Suite #600
Orlando, FL 32801

This representation letter is provided in connection with your audits of the financial statements of Miami-Dade County Expressway Authority (the "Authority") as of June 30, 2019 and 2018, and the respective changes in financial position and cash flows for the years then ended, and the related notes to the financial statements, for the purpose of expressing an opinion as to whether the financial statements are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America (U.S. GAAP).

Certain representations in this letter are described as being limited to matters that are material. Items are considered material, regardless of size, if they involve an omission or misstatement of accounting information that, in light of surrounding circumstances, makes it probable that the judgment of a reasonable person relying on the information would be changed or influenced by the omission or misstatement. An omission or misstatement that is monetarily small in amount could be considered material as a result of qualitative factors.

We confirm, to the best of our knowledge and belief, as of the date of this letter, the following representations made to you during your audit.

Financial Statements

- 1) We have fulfilled our responsibilities, as it relates to the audits, including our responsibility for the preparation and fair presentation of the financial statements and related notes, and for preparation of the supplementary information in accordance with the applicable criteria.
- 2) The financial statements referred to above are fairly presented in conformity with U.S. GAAP, including:
 - a) Investments and derivative instruments are properly valued.
 - b) Deposits and investment securities and derivative instruments are properly disclosed.
 - c) Provisions for uncollectible receivables have been properly identified and recorded.
 - d) Expenses have been appropriately classified in or allocated to functions and programs in the statements of activities, and allocations have been made on a reasonable basis.
 - e) Revenues are appropriately classified in the statements of revenues, expenses, and changes in net position within operating revenues, non-operating revenues, or capital contributions (if applicable).
 - f) Capital assets, including infrastructure and intangible assets, are properly capitalized, reported, and, if applicable, depreciated.



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- 3) We acknowledge our responsibility for 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.
- 4) We acknowledge our responsibility for the design, implementation, and maintenance of internal control to prevent and detect fraud.
- 5) Significant assumptions we used in making accounting estimates are reasonable.
- 6) There were no related-party relationships and transactions, including revenues, expenditures/expenses, loans, transfers, leasing arrangements, and guarantees, and amounts receivable from or payable to related parties.
- 7) All events subsequent to the date of the financial statements and for which U.S. GAAP requires adjustment or disclosure have been adjusted or disclosed in Note 12 to the financial statements.
- 8) All known effects, actual or possible litigation, claims, and assessments have been accounted for and disclosed in Note 10 to the financial statements in accordance with U.S. GAAP.
- 9) There were no written guarantees which the Authority is contingently liable, which have not been properly recorded or disclosed.

Information Provided

- 10) We have provided you with:
 - a) Access to all information of which we are aware that is relevant to the preparation and fair presentation of the financial statements, such as records, documentation, and other matters and all audit or relevant monitoring reports, if any, received from funding sources.
 - b) Additional information that you have requested from us for the purpose of the audits.
 - c) Unrestricted access to persons within the entity from whom you determined it necessary to obtain audit evidence.
 - d) Minutes of the meetings of the Authority's Board or summaries of actions of recent meetings.
- 11) All material transactions have been recorded in the accounting records and are reflected in the financial statements and the schedule of expenditures of state awards, if any.
- 12) We have disclosed to you the results of our assessment of the risk that the financial statements may be materially misstated as a result of fraud.
- 13) We have no knowledge of any fraud or suspected fraud that affects the entity and involves:
 - a) Management, or
 - b) Employees who have significant roles in internal control, or
 - c) Others where the fraud could have a material effect on the financial statements.
- 14) We have no knowledge of any allegations of fraud or suspected fraud affecting the entity's financial statements communicated by employees, former employees, regulators, or others.
- 15) We have no knowledge of instances of noncompliance or suspected noncompliance with provisions of laws, regulations, financial contracts, or grant agreements, or abuse, whose effects should be considered when preparing financial statements. Further information can be found in Note 10 of the financial statements.



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Government-specific

- 16) We have made available to you all financial records and related data and all audit or relevant monitoring reports, if any, received from funding sources.
- 17) There have been no communications from regulatory agencies concerning noncompliance with, or deficiencies in, financial reporting practices. We have provided the State of Florida Auditor General Report dated September 27, 2019.
- 18) We have identified to you any previous audits, attestation engagements, and other studies related to the audit objectives and whether related recommendations have been implemented.
- 19) As of date of this letter, the Authority has no plans or intentions that may materially affect the carrying value or classification of assets, liabilities, or equity.
- 20) We are responsible for compliance with the laws, regulations, and provisions of contracts and grant agreements applicable to us, and debt contracts; and we have identified and disclosed to you all laws, regulations and provisions of contracts and grant agreements that we believe have a direct and material effect on the determination of financial statement amounts.
- 21) We have designated Marie Schafer, CPA, Chief Financial Officer, an individual with suitable skill, knowledge, or experience to oversee the financial aspects of the audit and its corresponding management responsibilities.
- 22) We have designated Gary Lau, Information System Engineer (Technical Lead), an individual with suitable skill, knowledge, or experience to oversee the information technology aspects of the audit and its corresponding management responsibilities.
- 23) The Authority has satisfactory title to all owned assets, and there are no liens or encumbrances on such assets nor has any asset been pledged as collateral, except as indicated by the Trust Indenture.
- 24) The Authority has complied with all aspects of contractual agreements that would have a material effect on the financial statements in the event of noncompliance.
- 25) We have followed all applicable laws and regulations in adopting, approving, and amending budgets.
- 26) Supporting documentation and detail schedules have been submitted for audit. Components of net position (net investment in capital assets; restricted; and unrestricted) are believed to be properly classified.
- 27) The Authority included a claim and judgement on the financial statements, as well as disclosed in the notes. The accounting treatment is consistent with that discussion with the external auditors.
- 28) We acknowledge our responsibility for the required supplementary information (“RSI”). The RSI is measured and presented within prescribed guidelines and the methods of measurement and presentation has not changed from those used in the prior period. We have disclosed to you any significant assumptions and interpretations underlying the measurement and presentation of the RSI.
- 29) We acknowledge our responsibility for presenting the Schedule of Calculation of Net Revenue and Financial Ratios, as Defined and Required by the Trust Indenture and the Schedule of Toll Revenues and Expense Summary (the “other supplementary information”) in accordance with the Trust Indenture. The methods of measurement and presentation of the other supplementary information has not changed from those used in the prior period, and we have disclosed to you any significant assumptions or interpretations underlying the measurement and presentation of the supplementary information.



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30) With respect to state award programs, if applicable:

- a) We are responsible for understanding and complying with, and have complied with, the requirements of Chapter 69I-5, *Schedule of Expenditures of State Financial Assistance*, Rules of the Department of Financial Assistance, including requirements relating to preparation of the schedule of expenditures of state awards.
- b) We acknowledge our responsibility for presenting the schedule of expenditures of state financial assistance (“SESFA”) in accordance with the requirements of Chapter 69I-5, *Schedule of Expenditures of State Financial Assistance*, Rules of the Department of Financial Assistance, and we believe the SESFA, including its form and content, is fairly presented. The methods of measurement or presentation of the SESFA have not changed from those used in the prior period and we have disclosed to you any significant assumptions and interpretations underlying the measurement or presentation of the SESFA.
- c) If the SESFA is not presented with the audited financial statements, we will make the audited financial statements readily available to the intended users of the SESFA no later than the date we issue the SESFA and the auditor’s report thereon.
- d) We have identified and disclosed to you all of our government programs subject to the Rules of the Auditor General.
- e) We are responsible for understanding and complying with, and have complied with, the requirements of laws, regulations, and the provisions of contracts and grant agreements related to each of our state programs and have identified and disclosed to you the requirements of laws, regulations, and the provisions of contracts and grant agreements that are considered to have a direct and material effect on each major program.
- f) We are responsible for establishing and maintaining, and have established and maintained, effective internal control over compliance requirements applicable to state programs that provides reasonable assurance that we are managing our state awards in compliance with laws, regulations, and the provisions of contracts and grant agreements that could have a material effect on our state programs. We believe the internal control system is adequate and is functioning as intended.
- g) We have made available to you all contracts and grant agreements (including amendments, if any) and any other correspondence with state agencies or pass-through entities relevant to state programs and related activities.
- h) We have received no requests from a state agency to audit one or more specific programs as a major program.
- i) We have complied with the direct and material compliance requirements (except for noncompliance disclosed to you), including when applicable, those set forth in the *State Projects Compliance Supplement*, relating to state awards and have identified and disclosed to you all amounts questioned and all known noncompliance with the requirements of state awards.
- j) We have disclosed any communications from grantors and pass-through entities concerning possible noncompliance with the direct and material compliance requirements, including communications received from the end of the period covered by the compliance audit to the date of the auditor’s report.
- k) There were no findings received nor related corrective actions taken for previous audits, attestation engagements, and internal or external monitoring that directly relate to the



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objectives of the compliance audit, including findings received and corrective actions taken from the end of the period covered by the compliance audit to the date of the auditor's report. Amounts claimed or used for matching were determined in accordance with relevant guidelines in OMB Circular A-87, *Cost Principles for State, Local, and Tribal Governments*, and OMB's *Uniform Administrative Requirements for Grants and Cooperative Agreements to State and Local Governments*.

- l) We have disclosed to you our interpretation of compliance requirements that may have varying interpretations, as applicable. We have made available to you all documentation related to compliance with the direct material compliance requirements, including information related to state program financial reports and claims for advances and reimbursements.
 - m) There were no subsequent events that provide additional evidence about conditions that existed at the end of the reporting period affecting noncompliance during the reporting period. There are no such known instances of noncompliance with direct and material compliance requirements that occurred subsequent to the period covered by the auditor's report.
 - n) No changes have been made in internal control over compliance or other factors that might significantly affect internal control, including any corrective action we have taken regarding significant deficiencies in internal control over compliance (including material weaknesses in internal control over compliance); have occurred subsequent to the date as of which compliance was audited.
 - o) State program financial reports and claims for advances and reimbursements are supported by the books and records from which the financial statements have been prepared.
 - p) The copies of state program financial reports provided to you are true copies of the reports submitted, or electronically transmitted, to the respective state agency or pass-through entity, as applicable.
 - q) We have charged costs to state awards in accordance with applicable cost principles.
- 29) There were no contracts or other agreements with service organizations that have not been disclosed to the auditors.

Very truly yours,

A handwritten signature in blue ink, appearing to read 'Javier Rodriguez', is written over a horizontal line.

Javier Rodriguez, P.E.
Executive Director

A handwritten signature in blue ink, appearing to read 'Marie T. Schafer', is written over a horizontal line.

Marie T. Schafer, CPA
Deputy Executive Director/Chief Financial Officer

**MIAMI-DADE COUNTY
EXPRESSWAY AUTHORITY**

**REPORTS REQUIRED IN ACCORDANCE WITH
*GOVERNMENT AUDITING STANDARDS AND
CHAPTER 10.550, RULES OF THE AUDITOR GENERAL
OF THE STATE OF FLORIDA***

Year Ended June 30, 2019

**MIAMI-DADE COUNTY
EXPRESSWAY AUTHORITY**

**REPORTS REQUIRED IN ACCORDANCE WITH
*GOVERNMENT AUDITING STANDARDS AND
CHAPTER 10.550, RULES OF THE AUDITOR GENERAL
OF THE STATE OF FLORIDA***

Year Ended June 30, 2019

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**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***

Members of the
Miami-Dade County Expressway Authority
Miami, 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 Miami-Dade County Expressway Authority (the "Authority") as of and for the year ended June 30, 2019, and have issued our report thereon dated December 2, 2019.

Internal Control over Financial Reporting

In planning and performing our audit, we considered the Authority's internal control over financial reporting as a basis for designing our auditing procedures for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Authority's internal control over financial reporting. Accordingly, we do not express an opinion on the effectiveness of the Authority's internal control over financial reporting.

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 over financial reporting 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 financial reporting that might be deficiencies, significant deficiencies, or material weaknesses. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

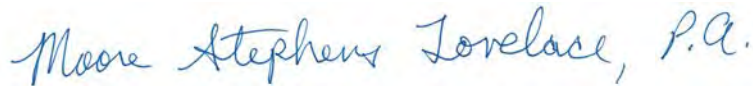
Members of the
Miami-Dade County Expressway Authority

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the Authority'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*.

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 the Authority's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

A handwritten signature in blue ink that reads "Moore Stephens Lovelace, P.A.".

MOORE STEPHENS LOVELACE, P.A.

Certified Public Accountants

Orlando, Florida
December 2, 2019



INDEPENDENT AUDITOR'S MANAGEMENT LETTER

Members of the
Miami-Dade County Expressway Authority

Report on the Financial Statements

We have audited the financial statements of Miami-Dade County Expressway Authority (the "Authority") as of and for the year ended June 30, 2019, and have issued our report thereon dated December 2, 2019.

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; 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 *Government Auditing Standards*, 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, which are dated December 2, 2019, 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 and 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.

Financial Condition and Management

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

Financial Condition and Management (Continued)

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 the Authority. It is management's responsibility to monitor the Authority'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, if appropriate, that we communicate the failure of 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 audited financial statements of the county, municipality, or special district in accordance with Section 218.39(3)(b), Florida Statutes. In connection with our audit, we did not note any special district component units that failed to provide the necessary information for proper reporting in accordance with Section 218.39(3)(b), Florida Statutes.

Additional Matters

Section 10.554(1)(i)3., *Rules of the Auditor General*, requires us to communicate noncompliance with provisions of contract 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 have 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, 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
December 2, 2019



INDEPENDENT ACCOUNTANT'S REPORT

Members of the
Miami-Dade County Expressway Authority
Miami, Florida

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

Our examination was conducted in accordance with attestation standards established by the American Institute of Certified Public Accountants. Those standards require that we plan and perform the examination to obtain reasonable assurance about whether the Authority complied with those requirements. An examination involves performing procedures to obtain evidence about the Authority's compliance with those requirements. The nature, timing, and extent of the procedures selected depend on our judgment, including an assessment of the risks of noncompliance, whether due to fraud or error. We believe that the evidence we obtained is sufficient and appropriate to provide a reasonable basis for our opinion. Our examination does not provide a legal determination on the Authority's compliance with specified requirements.

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

Moore Stephens Lovelace, P.A.

MOORE STEPHENS LOVELACE, P.A.
Certified Public Accountants

Orlando, Florida
December 2, 2019