

AECOM 150 North Orange Avenue Suite 200 Orlando FL, 32801 www.aecom.com 407 843 6552 tel 407 839 1789 fax

December 29, 2022

Jacki Churchill, C.P.A.
Chief Financial Officer, Florida's Turnpike Enterprise
Florida Department of Transportation
Florida's Turnpike, Milepost 263
Building 5315, Turkey Lake Service Plaza
Ocoee, Florida 34761

Dear Ms. Churchill:

AECOM is pleased to submit this Traffic Engineer's Annual Report for six toll facilities owned and/or operated by the Department for the fiscal year (FY) ended June 30, 2022, in accordance with our role as the Traffic Engineering Consultant for Florida's Turnpike Enterprise under contract No. CAA93. This report satisfies the respective Bond Resolutions that require the Traffic Engineer to provide a traffic and revenue report to the Department on an annual basis.

This edition of the Annual Report contains traffic and revenue information for five of the Department-owned facilities and one facility operated by the Department under Lease-Purchase Agreement. The Department-owned facilities include Alligator Alley, Pinellas Bayway System, Sunshine Skyway Bridge, Wekiva Parkway and Garcon Point Bridge. The Department-operated facility includes the Mid-Bay Bridge/Spence Parkway (the Mid-Bay Bridge Authority System).

For each of the six facilities, this report provides a summary of the historical trends in traffic and revenue through FY 2022, along with a detailed analysis of actual traffic, revenue, SunPass participation and operating and maintenance expenses for FY 2022. Each section also provides an overview of debt service payments, long-term liabilities and net revenues available for other obligations, if applicable. Additionally, the Alligator Alley, Pinellas Bayway and Sunshine Skyway sections in this report include forecasts of traffic, revenue, and operating and maintenance expenses through FY 2033. Further, the Wekiva Parkway, Garcon Point Bridge and Mid-Bay Bridge Authority System sections in this report include operating and maintenance expense projections through FY 2033. These forecasts are used to assist the Department in its financial planning.

The organization of this report, enhanced with high-quality maps and toll rate charts and graphs, provides a practical and comprehensive analysis of traffic and revenue information for these six toll facilities. We acknowledge with thanks the cooperation of the Department during the preparation of this report.

Sincerely,

William A. Nelsen, C.P.A.

Vice President

AECOM Technical Services, Inc.

Table of Contents

Exc	ecutive Summary 1
FY 2	022 Overview
Ov	erview5
	General Characteristics
1.2	Factors Affecting Traffic and Revenue
	1.2.1 Economic Conditions and Socioeconomic and Demographic Characteristics 6
	1.2.2 Toll Modifications and Discounts
1.3	Forecasting Methodology11
1.4	Revenue Sufficiency
1.5	Toll Collection Methodology14
1.6	The SunPass System
De	epartment-owned Facilities
All	igator Alley19
2.1	Background19
2.2	FY 2022 Transactions, Revenues and Expenses
2.3	SunPass
2.4	Noteworthy Events
2.5	Traffic, Revenue and Expense Forecasts25
2.6	Revenue Sufficiency
Pir	nellas Bayway System29
3.1	Background29
3.2	FY 2022 Transactions and Toll Revenues
3.3	SunPass
3.4	Noteworthy Events
3.5	FY 2022 Expenses and Liabilities
3.6	Traffic, Revenue and Expense Forecasts37
3.7	Reserve Construction Account
Su	nshine Skyway Bridge41
4.1	Background41
4.2	FY 2022 Transactions and Toll Revenues
4.3	SunPass
4.4	Noteworthy Events
4.5	FY 2022 Expenses and Liabilities

4.6	Traffic, Revenue and Expense Forecasts	48
4.7	Revenue Sufficiency	50
We	ekiva Parkway	.53
5.1	Background	53
5.2	FY 2022 Transactions, Revenues and Expenses	55
5.3	SunPass	57
5.4	Noteworthy Events	57
5.5	Forecasts	58
Ga	rcon Point Bridge	.59
6.1	Background	59
6.2	FY 2022 Transactions and Toll Revenue	62
6.3	SunPass	63
6.4	FY 2022 Expenses and Liabilities	64
6.5	Noteworthy Events	65
6.6	Expense Forecasts	65
De	epartment-operated Facility	
Mi	d-Bay Bridge Authority System	.69
7.1	Background	69
7.2	FY 2022 Transactions and Toll Revenues	71
7.3	SunPass	73
7.4	FY 2022 Expenses and Liabilities	75
7.5	Noteworthy Events	76
7.6	Expense Forecasts	76
7.7	Revenue Sufficiency	77

Appendix AA-1
Current Toll Schedules
Department-owned Toll Facilities
Department-operated Toll Facility
Toll Plaza Configurations - Department-owned Facilities
Alligator AlleyA-6
Pinellas Bayway System
Sunshine Skyway Bridge
Wekiva Parkway
Garcon Point Bridge
Toll Plaza Configurations - Department-operated Facility
Mid-Bay Bridge/Spence Parkway
Appendix BB-1
Traffic Profiles
Alligator AlleyB-2
Pinellas Bayway System
Sunshine Skyway Bridge

Appendix CC-1
FY 2023 Operating Budgets - Department-owned Facilities
Alligator Alley
Pinellas Bayway System
Sunshine Skyway Bridge
Wekiva Parkway
Garcon Point Bridge
FY 2023 Operating Budgets - Department-operated Facility
Mid-Bay Bridge/Spence Parkway
Appendix DD-1
Forecasts
Wekiva Parkway Traffic and Revenue Forecasts

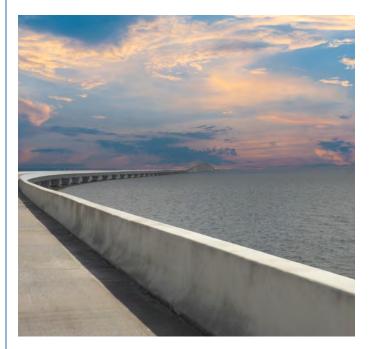
List of Tables

Exe	ecutive Summary 1
1	Department-owned and Department- operated Toll Facilities Transactions and Gross Toll Revenue FY 20221
2	Department-owned and Department-operated Toll Facilities Transactions by Payment Method FY 2022
3	Department-owned and Department-operated Toll Facilities Revenue Contributions by Payment Method FY 20223
4	Department-owned and Department- operated Toll Facilities Operating and Routine Maintenance Expenses By Toll Facilities FY 20224
5	Department-owned and Department-operated Toll Facilities STTF Long-Term Liability By Facility FY 2022
Ove	erview 5
1.1	Comparative Per Mile Toll Rates5
1.2	Historical Toll Rate Modifications by Facility10
1.3	Historical and Projected Populations For Related Counties
1.4	History of Bond Issues13
1.5	Toll Collection Plan Comparisons FY 202215
De	partment-owned Facilities
Alli	gator Alley19
2.1	Historical Transactions and Revenue Growth FY 2012 through FY 202219
2.2	Historical Operating and Routine Maintenance Expenses FY 2012 through FY 202221
2.3	Monthly Transactions and Toll Revenue FY 202222
2.4	Seasonal Transaction Variation FY 202223
2.5	Operating and Routine Maintenance Expenses FY 202224

2.0	iransactions by Fayment Method Ft 202224
2.7	Gross Toll Revenue by Payment Method FY 2022 25
2.8	Traffic and Toll Revenue Forecasts FY 2023 through FY 203326
2.9	Projected Operating and Maintenance Expenses FY 2023 through FY 2033
2.10	Net Toll Revenue Forecast and Debt Service Coverage FY 2022 through FY 203327
Pine	ellas Bayway System29
3.1	Historical Transactions and Revenue Growth FY 2012 through FY 202229
3.2	Historical Operating and Routine Maintenance Expenses FY 2012 through FY 202231
3.3	Monthly Transactions and Toll Revenue FY 2022
3.4	Seasonal Transaction Variation FY 202233
3.5	SunPass Transactions by Payment Method FY 202235
3.6	Transactions by Payment Method FY 202235
3.7	Gross Toll Revenue by Payment Method FY 202235
3.8	Operating and Routine Maintenance Expenses FY 202236
3.9	Long-Term Liability FY 202237
3.10	Traffic and Gross Toll Revenue Forecasts FY 2023 through FY 2033
3.11	Projected Operating and Maintenance Expenses FY 2023 through FY 2033
3.12	Improvement Projects38
3.13	Analysis of Reserve Construction Account FY 202239

Sun	shine Skyway Bridge41
4.1	Historical Transactions and Revenue Growth FY 2012 through FY 202243
4.2	Historical Operating and Routine Maintenance Expenses FY 2012 through FY 2022
4.3	Monthly Transactions and Toll Revenue FY 2022 \dots 44
4.4	Seasonal Transaction Variation FY 202245
4.5	Transactions by Payment Method FY 202246
4.6	Gross Toll Revenue by Payment Method FY 202246
4.7	Operating and Routine Maintenance Expenses FY 2022
4.8	STTF Advances for Facility Costs FY 202247
4.9	Deferred STTF Advances for Off-System Improvements FY 202248
4.10	Traffic and Gross Toll Revenue Forecasts FY 2023 through FY 203349
4.11	Projected Operating and Maintenance Expenses FY 2022 through FY 203349
4.12	Net Toll Revenue Forecast and Debt Service Coverage FY 2022 through FY 203351
Wel	kiva Parkway53
5.1	Facility Project Descriptions55
5.2	Monthly Transactions and Toll Revenue FY 202256
5.3	Seasonal Transaction Variation FY 202256
5.4	Operating and Routine Maintenance Expenses FY 2022
5.5	Transactions by Payment Method FY 202258
5.6	Gross Toll Revenue by Payment Method FY 2022
5.7	Projected Operating and Maintenance Expenses FY 2023 through FY 203358

Gar	con Point Bridge	59
6.1	Historical Transactions and Revenue Growth FY 2012 through FY 2022	61
6.2	Historical Operating and Routine Maintenance Expenses FY 2012 through FY 2022	62
6.3	Monthly Transactions and Toll Revenue FY 2022	62
6.4	Seasonal Transaction Variation FY 2022	63
6.5	Transactions by Payment Method FY 2022	64
6.6	Gross Toll Revenue by Payment Method FY 2022	64
6.7	Operating and Routine Maintenance Expenses FY 2022	65
6.8	Long-Term Liability FY 2022	65
6.9	Projected Operating and Routine Maintenance Expenses FY 2023 through FY 2033	66



Department-operated Facility

Mid	l-Bay Bridge Authority System \dots .69
7.1	Historical Transactions and Revenue Growth State FY 2012 through State FY 2022
7.2	Monthly Transactions and Toll Revenue State FY 202272
7.3	Seasonal Transaction Variation State FY 2022
7.4	Transactions by Payment Method State FY 202274

7.5	Gross Toll Revenue by Payment Method State FY 202275
7.6	FDOT Historical Operating and Routine Maintenance Expenses State FY 2012 through State FY 2022
7.7	FDOT Operating and Routine Maintenance Expenses State FY 202276
7.8	STTF Long-Term Liability State FY 202276
7.9	FDOT Projected Operating and Maintenance Expenses State FY 2023 through State FY 203377

List of Graphs

	-
Ove	erview5
1.1	Unemployment Rate6
1.2	Florida Population Trend7
1.3	Current and Future Population Estimates Regions Served By Department-owned and Department-operated Facilities7
1.4	Year-Over-Year Percent Change: Florida Licensed Drivers and Registered Vehicles7
1.5	Non-Agricultural Employment in Florida 20228
1.6	Florida Tourists9
1.7	Florida Gasoline Prices (Average of All Grades)9
1.8	Year-Over-Year Percent Change: Highway Fuel Consumption in Florida9
Dej	partment-owned Facilities
Alli	gator Alley19
2.1	Typical Hourly Transactions FY 202222
2.2	Transactions by Axle Class FY 2022/ Revenue Contribution by Axle Class FY 202224
Pine	ellas Bayway System29
3.1	Monthly Pass Sales Distribution FY 202233
3.2	Typical Hourly Weekday Transactions FY 202233
3.3	Transactions by Axle Class FY 2022 / Revenue Contribution by Axle Class FY 202234
3.4	Multi-Axle Vehicle Transactions by Plaza FY 2022
Sun	ashine Skyway Bridge41
4.1	Typical Hourly Transactions FY 202245
4.2	Transactions by Axle Class FY 2022 / Revenue Contribution by Axle Class FY 202246

VI

Wel	kiva Parkway	.53
5.1	Typical Hourly Transactions FY 2022	57
5.2	Transactions by Axle Class FY 2022 / Revenue Contribution by Axle Class FY 2022	57
Gar	con Point Bridge	.59
6.1	Typical Hourly Transactions FY 2022	63
6.2	Transactions by Axle Class FY 2022 / Revenue Contribution by Axle Class FY 2022	63
Dej	partment-operated Facility	
Mid	l-Bay Bridge Authority System	.69
7.1	Typical Hourly Weekday Transactions State FY 2022 / Typical Hourly Weekend Transactions State FY 2022	73
7.2	Transactions by Axle Class State FY 2022 / Reve Contribution by Axle Class State	nue

List Of Graphs FY 2022 Annual Report

List of Figures

Exe	cutive Summary 1
1	Department Owned & Operated Toll Facilities
Ove	rview 5
1.1	Factors Affecting Traffic and Revenue6
Dep	partment-owned Facilities
Alli	gator Alley19
2.1	Alligator Alley Map20
2.2	Two-way AADT Profile FY 202223
2.3	Alligator Alley Bond Issues27
2.4	Flow of Funds Series 2017A Alligator Alley Revenue Refunding Bonds28
Pine	ellas Bayway System29
3.1	Pinellas Bayway System Map30
3.2	Two-way AADT Profile FY 202233
3.3	Flow of Funds Pinellas Bayway System39

Sui	nshine Skyway Bridge	41
4.1	Sunshine Skyway Bridge Map	42
4.2	Sunshine Skyway Bond Issues	50
4.3	Flow of Funds Series 2019A Sunshine Skyway Revenue Bonds	51
We	kiva Parkway	53
5.1	Wekiva Parkway Map	54
Ga	rcon Point Bridge	59
6.1	Garcon Point Bridge Map	60
6.2	Garcon Point Bridge, Flow of Funds Revenue Bonds, Series 1996	65
De	partment-operated Facility	
Mid	d-Bay Bridge Authority System	69
7.1	Mid-Bay Bridge Authority System Map	70
7.2	Mid-Bay Bridge Authority, Flow of Funds Revenue Bonds	76
7.3	Mid-Bay Bridge Authority Bond Issues	78

FY 2022 Annual Report List Of Figures VII

THIS PAGE INTENTIONALLY LEFT BLANK

Executive Summary

This Traffic Engineer's Annual Report provides a comprehensive look at the conditions of five of the 11 toll facilities throughout the state that are owned by the Florida Department of Transportation (the Department). The information in this report is intended as a resource for traffic, revenue, operating and maintenance expenses, liabilities, service and major events affecting these facilities. The toll facilities reported herein include Alligator Alley, Pinellas Bayway System, Sunshine Skyway Bridge, the Department's portion of the Wekiva Parkway and the Garcon Point Bridge. Also included is the Mid-Bay Bridge/Spence Parkway (Mid-Bay Bridge Authority) which the Department operates under a Lease-Purchase Agreement. Figure 1 shows the location of each toll facility.

FY 2022 Overview

In FY 2020, all of the facilities experienced a decline in overall traffic and revenue compared to FY 2019 due to the pandemic. As COVID-19 cases began to fall and the state reopened gradually in May 2020, all facilities experienced recovery in traffic through FY 2021. This improving traffic trend continued in FY 2022 with traffic volumes

exceeding or approaching the FY 2019 prepandemic normal.

With the acquisition of the Garcon Point Bridge by the Department in June 2022, this bridge is now a Department-owned facility and is presented accordingly in this report.

Table 1 provides a summary of transactions and toll revenue by toll facility for FY 2022. Approximately \$82.2 million was collected Department-owned facilities. Correspondingly, \$29.4 million was collected on the Department-operated toll facility in FY 2022. In total, approximately \$111.6 million was collected in FY 2022 compared to \$96.8 million in FY 2021. This 15.3 percent net revenue increase is primarily due to the recovery from the COVID-19 pandemic impact and a full year of toll collection on the Garcon Point Bridge which was under a 9-month toll suspension in FY 2021 due to the barge incident at nearby Pensacola Bay Bridge during Hurricane Sally.

Table 2 shows that transactions in FY 2022 from SunPass® on the combined Department-owned and Department-operated facilities totaled 41.1 million or 68.8 percent of all

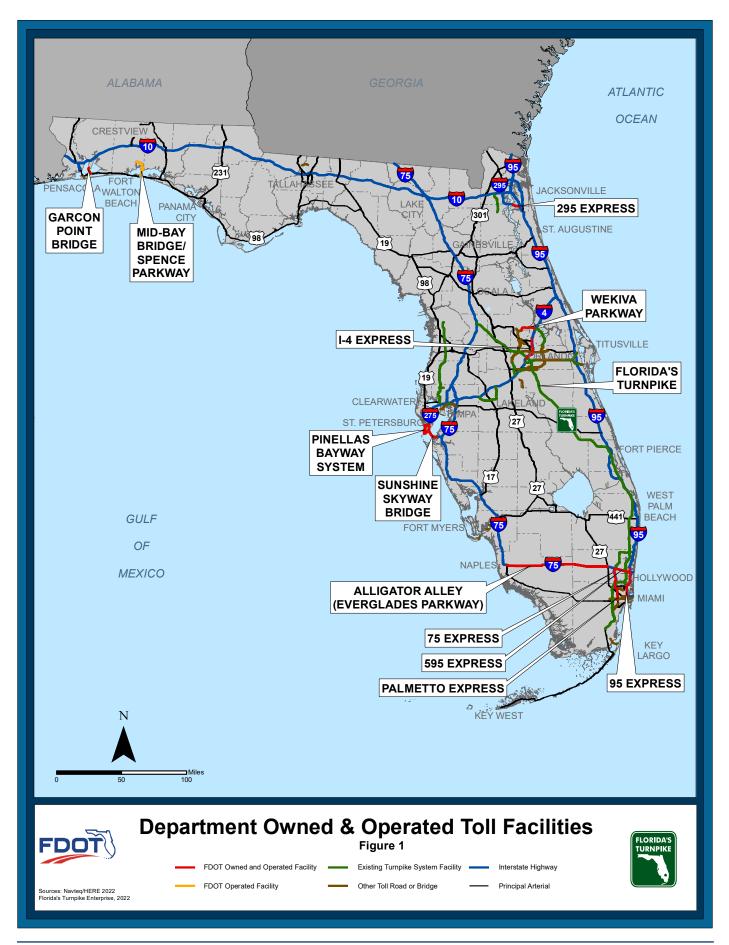
Table 1 - Department-owned and Department-operated Toll Facilities
Transactions and Gross Toll Revenue
FY 2022

	Length	Transactions (000)		Gross Revenue (\$000)		Average
Facility	(miles)	Volume ⁽¹⁾	Percent	Amount ⁽²⁾	Percent	Toll
Alligator Alley	78.0	10,766	18.0%	\$37,106	33.2%	\$3.45
Pinellas Bayway System	15.2	9,796	16.4	5,009	4.5	0.51
Sunshine Skyway Bridge	17.4	23,216	38.8	28,288	25.3	1.22
Wekiva Parkway	15.0	2,475	4.1	1,969	1.8	0.80
Garcon Point Bridge	3.5	2,136	3.6	9,861	8.8	4.62
Department-owned Total	129.1	48,389	80.9%	\$82,233	73.7%	\$1.70
Department-operated						
Mid-Bay Bridge/Spence Parkway	15.4	11,392	19.1	29,394	26.3	2.58
Total	144.5	59,781	100.0%	\$111,627	100.0%	\$1.87

Source: FDOT Office of the Comptroller and Turnpike Enterprise Finance Office.

⁽¹⁾ Includes revenue and non-revenue transactions.

Toll revenues exclude violation and miscellaneous revenues.



transactions. As shown in **Table 3**, revenue contributions in FY 2022 from SunPass on the Department-owned and Department-operated facilities totaled \$73.5 million or 65.8 percent.

Table 4 provides a summary of Operations and Routine Maintenance Expenses by toll facility for FY 2022. **Table 5** shows long-term debt due to the State Transportation Trust Fund (STTF) by toll facility as of June 30, 2022.

Noteworthy events affecting Department-owned or operated facilities in FY 2022 included:

- Traffic continued to rebound from the impacts of the COVID-19 pandemic.
- The Wekiva Parkway extension from Sorrento to Longwood Markham Road with a new mainline toll gantry (Wekiva River Plaza) opened to traffic during FY 2022.
- In June 2022, the Department entered into an agreement with the bond trustees to acquire the Garcon Point Bridge and defease the outstanding bonds. With this acquisition, Garcon Point Bridge is now a Department-owned facility.

Further details can be found in each individual chapter. The individual chapters of this report include the forecasts for traffic and revenue for Department-owned facilities.

Table 2 - Department-owned and Department-operated Toll Facilities Transactions by Payment Method FY 2022

	Transactions (000)			
Facility	SunPass	Non- SunPass	Total	Percent SunPass
Alligator Alley	7,317	3,449	10,766	68.0%
Pinellas Bayway System	7,664	2,132	9,796	78.2
Sunshine Skyway Bridge	15,839	7,377	23,216	68.2
Wekiva Parkway	2,059	416	2,475	83.2
Garcon Point Bridge	1,179	957	2,136	55.2
Department-owned Total	34,058	14,331	48,389	70.4%
Department-operated				
Mid-Bay Bridge/Spence Parkway	7,048	4,344	11,392	61.9
Total	41,106	18,675	59,781	68.8%

Source: FDOT Office of the Comptroller and Tumpike Enterprise Finance Office.

Table 3 - Department-owned and
Department-operated Toll Facilities
Revenue Contributions by Payment Method
FY 2022

	Toll Revenue (\$000) ⁽¹⁾			
Facility	SunPass	Non- SunPass	Total	Percent SunPass
Alligator Alley	\$27,480	\$9,626	\$37,106	74.1%
Pinellas Bayway System	3,357	1,652	5,009	67.0
Sunshine Skyway Bridge	18,338	9,950	28,288	64.8
Wekiva Parkway	1,776	193	1,969	90.2
Garcon Point Bridge	5,542	4,319	9,861	56.2
Department-owned Total	\$56,493	\$25,740	\$82,233	68.7%
Department-operated				
Mid-Bay Bridge/Spence Parkway	16,989	12,405	29,394	57.8
Total	\$73,482	\$38,145	\$111,627	65.8%

Source: FDOT Office of the Comptroller and Turnpike Enterprise Finance Office.

Toll revenues exclude violation and miscellaneous revenues.



Table 4 - Department-owned and Department-operated Toll Facilities Operating and Routine Maintenance Expenses By Toll Facility FY 2022

	Ex	00)	
Facility	Operating	Routine Maintenance	Total
Alligator Alley	\$5,977	\$4,999	\$10,976
Pinellas Bayway System	2,222	398	2,620
Sunshine Skyway Bridge	6,508	2,521	9,029
Wekiva Parkway	599	398	997
Garcon Point Bridge	1,554	137	1,691
Department-owned Total	\$16,860	\$8,453	\$25,313
Department-operated			
Mid-Bay Bridge/Spence Parkway	4,647	777	5,424
Total	\$21,507	\$9,230	\$30,737

Source: FDOT Office of the Comptroller and Tumpike Enterprise Finance Office.

Table 5 - Department-owned and Department-operated Toll Facilities
STTF Long-Term Liability By Facility
FY 2022

Facility	Balance (\$000) June 30, 2022				
Pinellas Bayway System	\$105,139				
Sunshine Skyway Bridge	31,311				
Department-owned Total	\$136,450				
Department-operated					
Mid-Bay Bridge/Spence Parkway	7,230				
Total	\$143,680				

Source: FDOT Office of the Comptroller.