

# **FY2019 Annual Traffic and Toll Revenue Report**

Richmond Metropolitan Transportation Authority

October 2019

**FINAL** 



Richmond Metropolitan Transportation Authority FY2019 Annual Traffic and Toll Revenue Report



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Richmond Metropolitan Transportation Authority FY2019 Annual Traffic and Toll Revenue Report



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## **Executive Summary**

The annual traffic and toll revenue report for the Richmond Metropolitan Transportation Authority (RMTA) provides a snapshot of the performance of the RMTA traffic and toll revenue in reference to historical traffic and revenue, forecasted traffic and revenue and the underlying reasons for these emerging trends. The figures below present these findings at high level.

Table 1: RMTA Traffic and Toll Revenue, FY18 to FY19

- Overall traffic and revenue grew from FY18 to FY19, at 0.9 and 0.7 percent, respectively
- The Powhite Parkway transactions grew the most in absolute and percent terms at 1.3 percent and an increase in toll revenue of 0.7 percent
- The Downtown Expressway transactions showed decreased growth (as compared to the higher growth changes from FY17 to FY18) at 1.1 percent with toll revenue increasing only 1.0 percent

**FY18 to FY19** Difference **Facility** FY18 **FY19** Absolute Percent **Transactions** Powhite Parkway 37,689,222 38,172,792 483,570 1.3% Downtown Expressway 22,460,080 22,701,568 241,488 1.1% Boulevard Bridge 4,206,077 4,046,748 -159,329 -3.8% RMTA Total 64,355,379 64,921,108 565,729 0.9% Toll Revenue Powhite Parkway \$25,721,280 \$171,126 0.7% \$25,892,406 Downtown Expressway \$14,216,747 \$14,359,467 \$142,720 1.0% Boulevard Bridge \$1,448,133 \$1,419,346 -\$28,787 -2.0%

\$41,386,160

• The Boulevard Bridge transactions had a loss of 3.8 percent and a toll revenue loss of 2.0 percent

RMTA Total

Table 2: RMTA FY19 Traffic and Toll, Actual vs. Forecast

FY19 - Actual versus Forecast								
Facility	Actual	Forecast	Differe	ence				
racility	Actual	Forecasi	Absolute	Percent				
	Transac	tions						
Powhite Parkway	38,172,792	37,844,000	328,792	0.9%				
Downtown Expressway	22,701,568	22,890,000	-188,432	-0.8%				
Boulevard Bridge	4,046,748	4,190,000	-143,252	-3.5%				
RMTA Total	64,921,108	64,924,000	-2,892	0.0%				
	Toll Rev	enue						
Powhite Parkway	\$25,892,406	\$25,834,000	\$58,406	0.2%				
Downtown Expressway	\$14,359,467	\$14,526,000	-\$166,533	-1.2%				
Boulevard Bridge	\$1,419,346	\$1,455,000	-\$35,654	-2.5%				
RMTA Total	\$41,671,219	\$41,815,000	-\$143,781	-0.3%				

 The overall transaction and toll revenue forecast was achieved due to modest growth across all RMTA's toll facilities

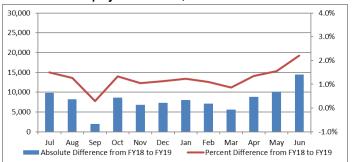
\$41,671,219

\$285,059

0.7%

Figure 1: Year over Year Employment Growth, in Absolute and Percent Terms

- Employment has emerged as one of the key economic indicators to forecast traffic on the RMTA system due to the commuter nature of the facilities, especially the Powhite Parkway and Downtown Expressway
- Employment growth for the Richmond Metropolitan Area started lower and grew stronger as the year went on from FY18 to FY19, with rates between 0.3 and 2.2 percent



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### 1. Introduction

Jacobs, as the traffic and revenue consultant for the Richmond Metropolitan Transportation Authority (RMTA), provides an annual traffic and toll revenue report at the conclusion of each fiscal year. The purpose of the report is the following:

- 1. Provide a definitive dataset of the traffic and toll revenue achieved in the fiscal year for reference
- 2. Review the performance of the traffic and toll revenue forecast
- 3. Identify long standing and emerging trends in traffic and toll revenue on the RMTA system
- 4. Review external economic factors that affect traffic and toll revenue on the RMTA system; and
- 5. Present the current fiscal year's forecast in reference to previous year's final result.

In order to efficiently realize the stated purposes above and provide the RMTA an accessible review of the data, a series of tables and charts were developed with explanatory bullet points to provide deeper insight of trends as necessary.

The table of contents, which preceded the Executive Summary, provides an outline of the presentation of the data.



## 2. RMTA Expressway System Overview

The Richmond Metropolitan Authority (RMA) was created by an act of the Virginia General Assembly in 1966, as an independent authority and political subdivision. The RMA was originally formed to build and maintain a toll expressway system in the City of Richmond and the surrounding areas. Over the years, the role of the RMA expanded to include parking decks, The Diamond, a baseball stadium home to both the Virginia Commonwealth University Rams and the San Francisco Giants AA farm team (Richmond Flying Squirrels) of the Eastern League and operation of the Main Street Station, a completely restored Amtrak train station in Downtown Richmond, as well as the power to construct, own, and operate coliseums and arenas. However, the RMA Expressway System was always a separate financial entity; therefore, there is no co-mingling of funds to subsidize non-Expressway projects. This allowed for the transfer of some of the non-Expressway system assets to the City of Richmond in 2013 and 2014, including the parking decks and The Diamond. On July 1, 2014 the Virginia General Assembly changed the Authority's name to the Richmond Metropolitan Transportation Authority (RMTA) to align the name with the current focus on transportation and mobility aspects of the region. This legislation also equalized representation on the Authority's Board of Directors, which consists of five appointees of the City of Richmond and Counties of Chesterfield and Henrico, and one appointee of the Commonwealth Transportation Board.

The current RMTA Expressway System consists of three facilities: the Powhite Parkway, the Downtown Expressway and the Boulevard Bridge. The location map of the RMTA Expressway System is shown in Figure 2 while Figure 3 shows the location of the system toll collection points. A further description of each of the facilities on the RMTA Expressway System follows.

The **Powhite Parkway** was opened to traffic on January 24, 1973. The limited access expressway extends 3.4 miles from Chippenham Parkway to the Cary Street ramps. The major function of the Powhite Parkway is as a crossing of the James River. There are currently three toll plazas on the Powhite Parkway, including the mainline plaza near the southern terminus, the Forest Hill ramp plaza and the Douglasdale Road ramp plaza that serve traffic to and from the north.

The **Downtown Expressway** opened to traffic in 1976, and was fully completed in 1977 with the connections to southbound I-95. The Downtown Expressway extends 2.5 miles from the Meadow Street Ramp in the west to I-95 in the east. The continuation of the Downtown Expressway to the west of Meadow Street is maintained by VDOT and offers a connection to I-195 to the north and the Powhite Parkway to the south. The Downtown Expressway has three toll plazas including the mainline plaza and two ramp plazas at 2nd and 11th streets.

The **Boulevard Bridge** was the first acquisition for the RMTA, having been purchased in November 1969. The steel truss bridge was built in 1925 to improve connectivity of the Westover Hills neighborhood south of the river to areas north of the river. With the opening of the Powhite Parkway, the Boulevard Bridge essentially serves the same role, as a neighborhood bridge for those with origins and/or destinations in close proximity to the bridge itself.



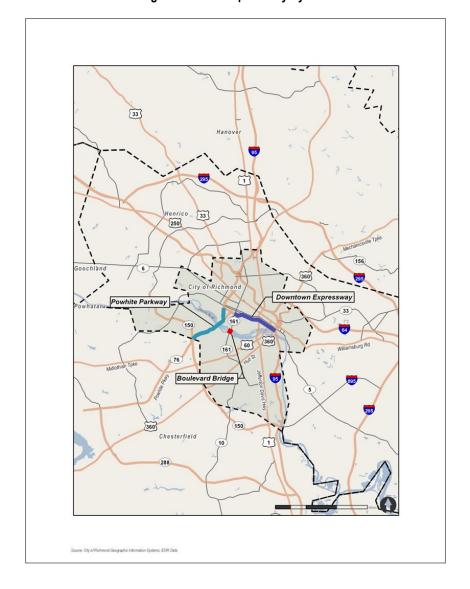


Figure 2: RMTA Expressway System



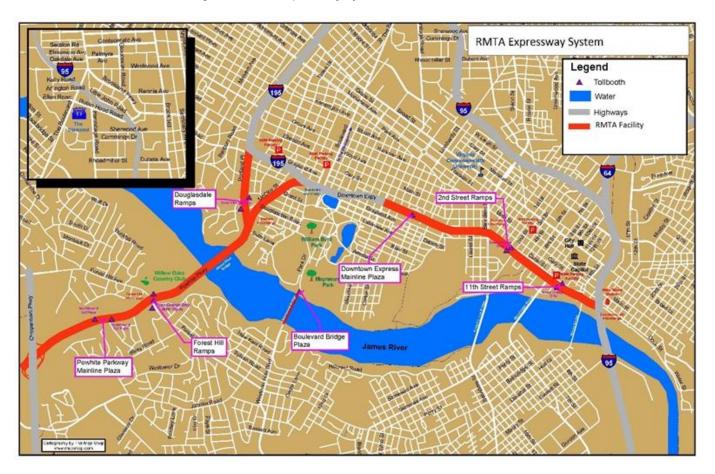


Figure 3 - RMTA Expressway System Toll Collection Points



### 3. RMTA Toll Rates

In order to build and maintain the RMTA Expressway System, the RMTA historically has issued toll revenue bonds that are backed by the future earnings potential of the Expressway System through collection of toll revenue. The current toll schedule is shown in Table 3.

Table 3: RMTA Expressway Current Toll Schedule

	Vehicle Class					
Facility	Two Axle	Three Axle	Four Axle	Five Axle		
Powhite Parkway						
Mainline Plaza	\$0.70	\$0.80	\$0.90	\$1.00		
Forest Hill Avenue	\$0.70	\$0.80	\$0.90	\$1.00		
Douglasdale Road	\$0.20	\$0.40	\$0.40	\$0.40		
Downtown Expressway						
Mainline Plaza	\$0.70	\$0.80	\$0.90	\$1.00		
Second Street	\$0.35	\$0.70	\$0.70	\$0.70		
Eleventh Street	\$0.30	\$0.60	\$0.60	\$0.60		
Boulevard Bridge	\$0.35	\$0.70	N/A	N/A		

The current RMTA Expressway toll schedule went into effect September 8, 2008. The previous toll schedule, which was in place for approximately 10 years, charged a \$0.50 toll for passenger cars (2-axle) at the mainline plazas of the Powhite Parkway and the Downtown Expressway and \$0.25 for the Boulevard Bridge. A previously planned toll increase in 2018 was removed from the last plan based on traffic growth through FY17.

The toll rates for vehicles with more than two axles are also shown. Both of the mainline plazas and the Forest Hills ramp plaza share the characteristic of higher toll rates directly related to the number of axles the vehicle has, with a ten cent per axle surcharge above the two-axle rate. For the smaller ramp plazas of Douglasdale Road, Second Street and Eleventh Street, vehicles with more than two axles pay standard rates specific to each plaza while vehicles with more than three axles are not allowed to use the Boulevard Bridge.

The RMTA has increased tolls throughout the history of the Authority to fund operations, maintenance, and capital needs of their facilities while continuing to meet the demands of the growing traffic base in Richmond. The first toll increase was on July 20, 1978, which raised the two-axle toll at the Powhite Parkway Mainline from \$0.20 to \$0.25 and at the Downtown Expressway Mainline from \$0.15 to \$0.25. Over eight years later, the next toll increase



occurred on November 1, 1986, raising mainline tolls from \$0.25 to \$0.30. A further adjustment was made on April 2, 1988 raising the two-axle toll from \$0.30 to \$0.35 at the mainline plazas, while the Boulevard Bridge saw its first toll increase from \$0.10 to \$0.20 for the same class of vehicle. Almost ten years later, January 5, 1998 the two-axle rate at the mainline plazas increased from \$0.35 to \$0.50 and the Boulevard Bridge from \$0.20 to \$0.25. On July 1, 1999 the RMTA System offered toll payment through the E-ZPass program (SmartTag at the time of implementation) which allowed motorists to pay tolls electronically. The electronic payment of tolls was \$0.45, offering a 10 percent discount to cash payment for two-axle vehicles. All other vehicle classes paid the same rate regardless of payment option. Again, the toll increase effective September 8, 2008 was the most recent adjustment providing the toll schedule shown in Table 3, removing the difference between cash and electronic payments.

It is common for toll authorities to increase tolls to keep pace with inflation to cover operating expenses, roadway and toll plaza maintenance and other such expenses that increase over time. Figure 4 provides a look at the inflation adjusted toll rates based upon the opening toll rates for the respective facilities. The inflation rate was derived from the growth in the Consumer Price Index for the region over the same time period. As shown in the Figure, inflation-adjusted toll rates are much higher than the current mainline toll rates at both the Powhite Parkway and Downtown Expressway, and the bridge toll at the Boulevard Bridge. Based on the inflation-adjusted rates from the opening date of the facility, the toll rate would be approximately 71 percent more (\$1.19) than the current rate (\$0.70) for the Powhite Parkway, and 97 percent more (\$0.69) for the Boulevard Bridge (current rate of \$0.35). Based on July 1978, when the toll rates for the Powhite Parkway and the Downtown Expressway were increased to the same level of \$0.25, the inflation-adjusted toll for the two facilities of \$0.99 would be 41 percent (\$0.29) higher than the present toll of \$0.70. This means that in real terms, the tolls are much lower than they were in the past and in each successive year continue to retreat.

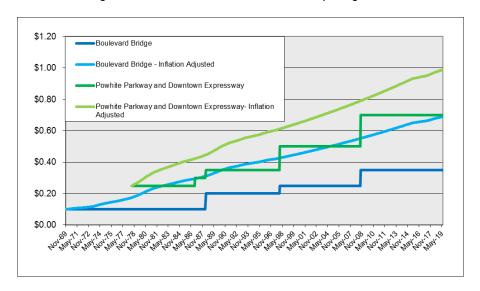


Figure 4: RMTA Historical Toll Rates Since Opening Years

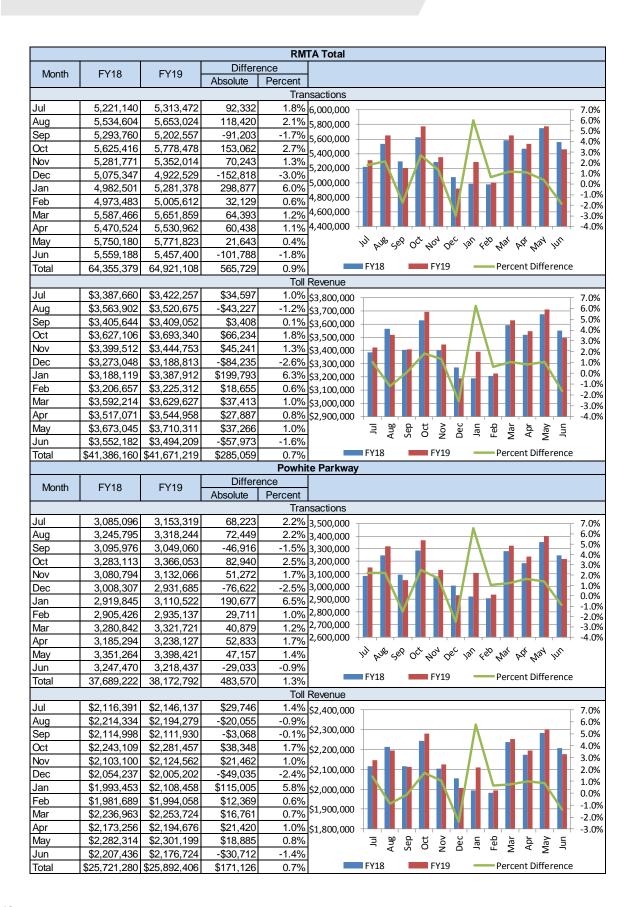


### 4. FY18 to FY19 Growth

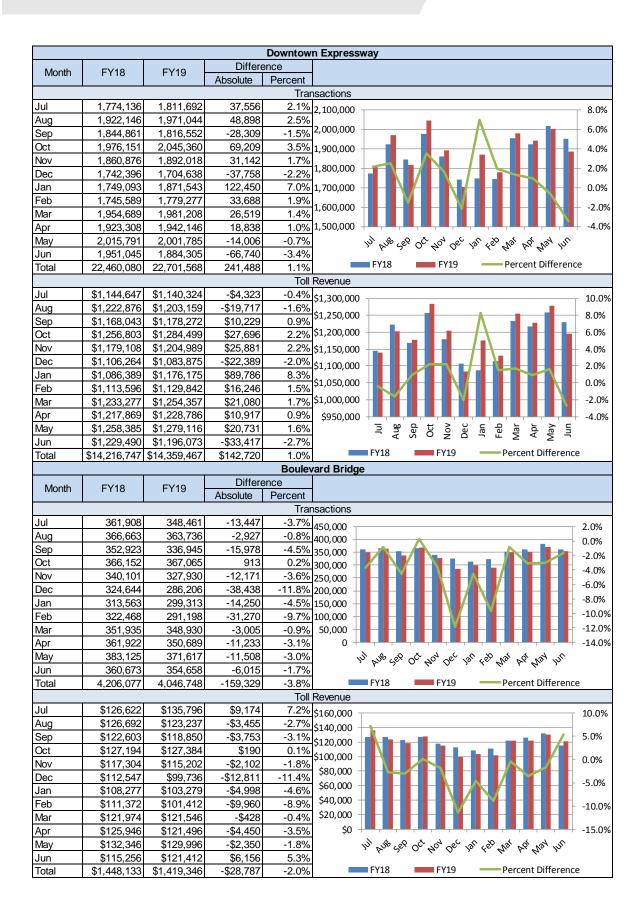
- Overall traffic and revenue grew from FY18 to FY19, at 0.9 and 0.7 percent, respectively.
- The Powhite Parkway transactions grew the most in absolute and percent terms at 1.3 percent and an increase in toll revenue of 0.7 percent.
- The Downtown Expressway transactions showed decreased growth (as compared to the higher growth changes from FY17 to FY18) at 1.1 percent with toll revenue increasing only 1.0 percent.
- The Boulevard Bridge transactions had a loss of 3.8 percent and a toll revenue loss of 2.0 percent.
- Average Toll is relatively stable in absolute terms.
- Monthly data follows:
  - Modest growth throughout FY19.
  - Varied monthly growth rates primarily as a function of days of the week in the month.

		FY18 to	FY19			
Facil	4.	FY18	FY19	Differ	ence	
Facil	ity	FY18	FY19	Absolute	Percent	
		Transac	ctions			
Powhite Parky	vay	37,689,222	38,172,792	483,570	1.3%	
Downtown Exp	oressway	22,460,080	22,701,568	241,488	1.1%	
Boulevard Brid	dge	4,206,077	4,046,748	-159,329	-3.8%	
RMTA Total		64,355,379	64,921,108	565,729	0.9%	
		Toll Rev				
Powhite Parky	•	\$25,721,280	\$25,892,406	\$171,126	0.7%	
Downtown Exp		\$14,216,747	\$14,359,467	\$142,720	1.0%	
Boulevard Brid	dge	\$1,448,133	\$1,419,346	-\$28,787	-2.0%	
RMTA Total		\$41,386,160	\$41,671,219	\$285,059	0.7%	
Destrict Destrict		Average		<b>#</b> 0.0040	0.00/	
Powhite Parky	•	\$0.682	\$0.678	-\$0.0042	-0.6%	
Downtown Exp		\$0.633	\$0.633	-\$0.0004	-0.1%	
Boulevard Brid	age	\$0.344	\$0.351	\$0.0064	1.9%	
RMTA Total		\$0.643	\$0.642	-\$0.0012	-0.2%	
70,000,000		Annual T	ransactions		3.5%	
60,000,000			-		2.5%	
50,000,000					- 1.5%	
		•			- 0.5%	
40,000,000					0.5%	
30,000,000						
					-1.5%	
20,000,000					2.5%	
10,000,000					-3.5%	
o 🗕					-4.5%	
	Powhite	Downtown	Boulevard	RMTA Tota		
	Parkway	Expressway	Bridge			
	FY1	18 ■ FY19 🔸	Percent Difference	ce		
\$45,000,000						
		Annual T	oll Revenue		3.5%	
\$40,000,000		Annual T	oll Revenue		3.5%	
\$40,000,000 - \$35,000,000 -		Annual T	oll Revenue		- 2.5%	
\$40,000,000 - \$35,000,000 - \$30,000,000 -		Annual T	oll Revenue			
\$40,000,000 - \$35,000,000 - \$30,000,000 - \$25,000,000 -		Annual T	oll Revenue		- 2.5%	
\$40,000,000 - \$35,000,000 - \$30,000,000 - \$25,000,000 - \$20,000,000 -		Annual T	oll Revenue		2.5% 1.5% - 0.5%	
\$40,000,000 - \$35,000,000 - \$30,000,000 - \$25,000,000 - \$20,000,000 - \$15,000,000 -		Annual T	oll Revenue	•	2.5% 1.5% - 0.5%	
\$40,000,000 - \$35,000,000 - \$30,000,000 - \$25,000,000 - \$20,000,000 - \$15,000,000 - \$10,000,000 -		Annual T	oll Revenue		2.5% 1.5% - 0.5% -0.5%	
\$40,000,000 - \$35,000,000 - \$30,000,000 - \$25,000,000 - \$20,000,000 - \$15,000,000 - \$5,000,000 -		Annual T	oll Revenue		2.5% 1.5% 0.5% -0.5% -1.5%	
\$40,000,000 - \$35,000,000 - \$30,000,000 - \$25,000,000 - \$20,000,000 - \$15,000,000 - \$10,000,000 -					2.5% 1.5% 0.5% -0.5% -1.5%	
\$40,000,000 - \$35,000,000 - \$30,000,000 - \$25,000,000 - \$20,000,000 - \$15,000,000 - \$5,000,000 -	Powhite	Downtown	Boulevard	RMTA Tot	2.5% 1.5% 0.5% -0.5% -1.5%	
\$40,000,000 - \$35,000,000 - \$30,000,000 - \$25,000,000 - \$20,000,000 - \$15,000,000 - \$5,000,000 -	Powhite Parkway			RMTA Tot	2.5% 1.5% 0.5% -0.5% -1.5%	
\$40,000,000 - \$35,000,000 - \$30,000,000 - \$25,000,000 - \$20,000,000 - \$15,000,000 - \$5,000,000 -		Downtown Expressway	Boulevard		2.5% 1.5% 0.5% -0.5% -1.5%	
\$40,000,000 - \$35,000,000 - \$30,000,000 - \$25,000,000 - \$20,000,000 - \$15,000,000 - \$5,000,000 -	Parkway	Downtown Expressway	Boulevard Bridge		2.5% 1.5% 0.5% -0.5% -1.5%	
\$40,000,000 - \$35,000,000 - \$30,000,000 - \$25,000,000 - \$20,000,000 - \$15,000,000 - \$5,000,000 -	Parkway	Downtown Expressway	Boulevard Bridge Percent Differen		2.5% 1.5% 0.5% -0.5% -1.5%	
\$40,000,000   \$35,000,000   \$30,000,000   \$25,000,000   \$20,000,000   \$15,000,000   \$5,000,000   \$5,000,000   \$0,000,000   \$0,000,000   \$0,000,000	Parkway	Downtown Expressway	Boulevard Bridge		- 2.5% - 1.5% - 0.5% 0.5% 1.5% 2.5%	
\$40,000,000   \$35,000,000   \$30,000,000   \$25,000,000   \$20,000,000   \$15,000,000   \$5,000,000   \$5,000,000   \$0.800   \$0.700	Parkway	Downtown Expressway	Boulevard Bridge Percent Differen		2.5% 1.5% 0.5% -0.5% -1.5% -2.5% al	
\$40,000,000   \$35,000,000   \$30,000,000   \$25,000,000   \$20,000,000   \$15,000,000   \$5,000,000   \$5,000,000   \$0.800   \$0.800   \$0.600	Parkway	Downtown Expressway	Boulevard Bridge Percent Differen		2.5% 1.5% -0.5% -0.5% -1.5% -2.5% al	
\$40,000,000   \$35,000,000   \$30,000,000   \$25,000,000   \$20,000,000   \$15,000,000   \$5,000,000   \$5,000,000   \$0.800   \$0.700   \$0.500	Parkway	Downtown Expressway	Boulevard Bridge Percent Differen		- 2.5% - 1.5% - 0.5% 1.5% 2.5% al	
\$40,000,000   \$35,000,000   \$30,000,000   \$25,000,000   \$20,000,000   \$15,000,000   \$5,000,000   \$5,000,000   \$0.800   \$0.700   \$0.600   \$0.400	Parkway	Downtown Expressway	Boulevard Bridge Percent Differen		- 2.5% - 1.5% - 0.5% 1.5% 2.5% al - 1.1% - 0.9% - 0.7% - 0.5%	
\$40,000,000   \$35,000,000   \$30,000,000   \$25,000,000   \$20,000,000   \$15,000,000   \$5,000,000   \$5,000,000   \$0.800   \$0.700   \$0.500	Parkway	Downtown Expressway	Boulevard Bridge Percent Differen		- 2.5% - 1.5% - 0.5% 1.5% 2.5% al - 1.1% - 0.9% - 0.7% - 0.5% - 0.3% - 0.1%	
\$40,000,000   \$35,000,000   \$30,000,000   \$25,000,000   \$20,000,000   \$15,000,000   \$5,000,000   \$5,000,000   \$0.800   \$0.700   \$0.600   \$0.400	Parkway	Downtown Expressway	Boulevard Bridge Percent Differen		1.1% - 0.5% - 1.5% - 1.5% - 1.5% - 2.5% al - 1.1% - 0.9% - 0.7% - 0.3% - 0.1% - 0.1%	
\$40,000,000 \$35,000,000 \$30,000,000 \$25,000,000 \$15,000,000 \$15,000,000 \$5,000,000 \$0.800 \$0.700 \$0.500 \$0.400 \$0.300 \$0.200	Parkway	Downtown Expressway	Boulevard Bridge Percent Differen		1.1% - 0.5% - 1.5% - 1.5% - 1.5% - 2.5% al  1.1% - 0.9% - 0.7% - 0.5% - 0.1% - 0.1% - 0.3%	
\$40,000,000 \$35,000,000 \$30,000,000 \$25,000,000 \$15,000,000 \$10,000,000 \$5,000,000 \$0.700 \$0.500 \$0.400 \$0.300 \$0.200 \$0.100	Parkway	Downtown Expressway	Boulevard Bridge Percent Differen		1.1% - 0.5% - 1.5% - 1.5% - 1.5% - 2.5% al  1.1% - 0.9% - 0.7% - 0.5% - 0.1% - 0.1% - 0.3% - 0.5%	
\$40,000,000 \$35,000,000 \$30,000,000 \$25,000,000 \$15,000,000 \$15,000,000 \$5,000,000 \$0.800 \$0.700 \$0.500 \$0.400 \$0.300 \$0.200	Parkway	Downtown Expressway  18 FY19  Annual A	Boulevard Bridge Percent Differen	ce	1.1% - 0.5% - 1.5% - 0.5% - 1.5% - 2.5% al  1.1% - 0.9% - 0.7% - 0.3% - 0.1% - 0.3% - 0.5% - 0.5% - 0.7%	
\$40,000,000 \$35,000,000 \$30,000,000 \$25,000,000 \$15,000,000 \$10,000,000 \$5,000,000 \$0.700 \$0.500 \$0.400 \$0.300 \$0.200 \$0.100	Parkway	Downtown Expressway  18 FY19  Annual A	Boulevard Bridge Percent Differen		1.1% - 0.5% - 1.5% - 0.5% - 1.5% - 2.5% al  1.1% - 0.9% - 0.7% - 0.3% - 0.1% - 0.3% - 0.5% - 0.5% - 0.7%	
\$40,000,000 \$35,000,000 \$30,000,000 \$25,000,000 \$15,000,000 \$10,000,000 \$5,000,000 \$0.700 \$0.500 \$0.400 \$0.300 \$0.200 \$0.100	Parkway  FY:	Downtown Expressway  Downtown Expressway	Boulevard Bridge Percent Differen verage Toll Boulevard	RMTA Tota	1.1% - 0.5% - 1.5% - 0.5% - 1.5% - 2.5% al  1.1% - 0.9% - 0.7% - 0.3% - 0.1% - 0.3% - 0.5% - 0.5% - 0.7%	









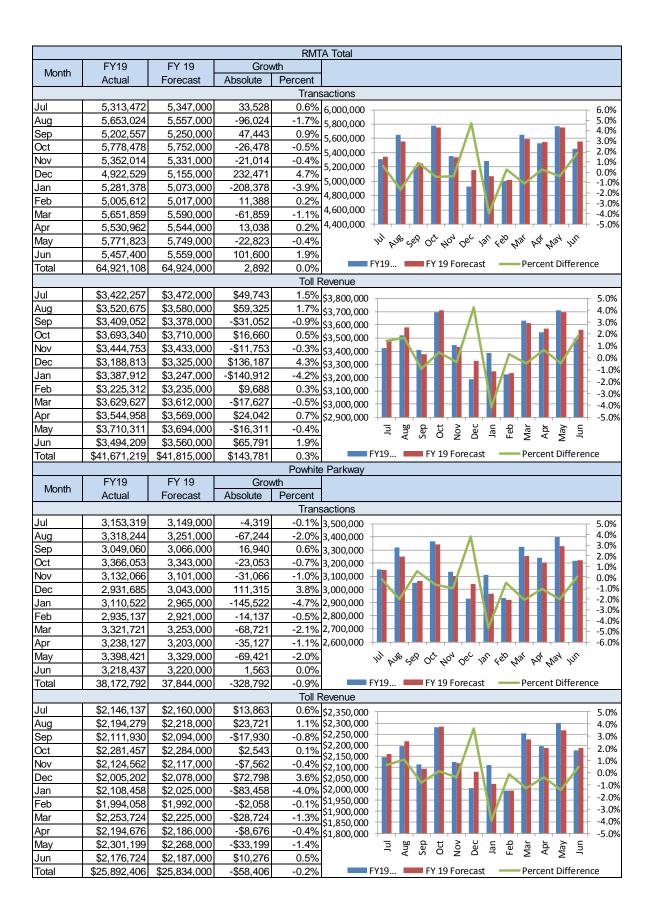


## 5. FY19 Actual vs. Forecast

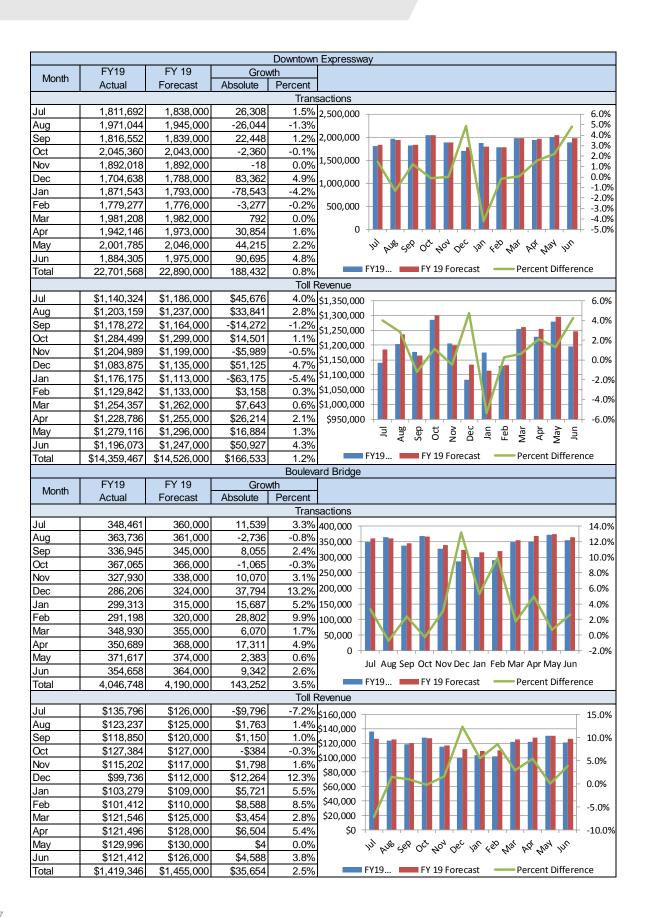
• The overall forecast was met.

	F	Y19 - Actual ver	sus Forecast		
Facility		Actual	Foresest	Differer	nce
Facility		Actual	Forecast	Absolute	Percent
		Transac			
Powhite Parkwa	y	38,172,792	37,844,000	328,792	0.9%
Downtown Expre	_	22,701,568	22,890,000	-188,432	-0.8%
Boulevard Bridg	е	4,046,748	4,190,000	-143,252	-3.5%
RMTA Total		64,921,108	64,924,000	-2,892	0.0%
		Toll Reve			
Powhite Parkwa	•	\$25,892,406	\$25,834,000	\$58,406	0.2%
Downtown Expre		\$14,359,467	\$14,526,000	-\$166,533	-1.2%
Boulevard Bridg	е	\$1,419,346	\$1,455,000	-\$35,654	-2.5%
RMTA Total		\$41,671,219	\$41,815,000	-\$143,781	-0.3%
		Average		<u> </u>	
Powhite Parkwa		\$0.678	\$0.683	-\$0.0043	-0.6%
Downtown Expre		\$0.633	\$0.635	-\$0.0021	-0.3%
Boulevard Bridg	е	\$0.351	\$0.347	\$0.0035	1.0%
RMTA Total		\$0.642	\$0.644	-\$0.0022	-0.3%
70,000,000		Annual Tr	ansactions		6.0%
60,000,000					4.00/
					4.0%
50,000,000					2.0%
40,000,000					
30,000,000					0.0%
30,000,000					-2.0%
20,000,000					-2.076
10,000,000					-4.0%
					6.00/
0 +	5 10			50.474.7.4.1	-6.0%
	Powhite	Downtown	Boulevard	RMTA Total	
	Parkway	Expressway	Bridge		
	■ Actu	ıal ■ Forecast ◀	Percent Differe	nce	
\$45,000,000 —					- 6.0%
\$40,000,000		Annual To	ll Revenue		5.0%
\$35,000,000					4.0%
\$30,000,000					3.0%
\$25,000,000					
					2.0%
\$20,000,000					2.0%
\$20,000,000					1.0%
\$20,000,000 \$15,000,000					1.0%
\$20,000,000 \$15,000,000 \$10,000,000					1.0% 0.0% -1.0%
\$20,000,000 \$15,000,000 \$10,000,000 \$5,000,000	Powhite	Downtown	Boulevard	RMTA Total	1.0% 0.0% -1.0% -2.0% -3.0%
\$20,000,000 \$15,000,000 \$10,000,000 \$5,000,000	Powhite Parkway	Downtown Expressway	Boulevard Bridge	RMTA Total	1.0% 0.0% -1.0% -2.0% -3.0%
\$20,000,000 \$15,000,000 \$10,000,000 \$5,000,000	Parkway	Expressway	Bridge		1.0% 0.0% -1.0% -2.0% -3.0%
\$20,000,000 \$15,000,000 \$10,000,000 \$5,000,000		Expressway			1.0% 0.0% -1.0% -2.0% -3.0%
\$20,000,000 \$15,000,000 \$10,000,000 \$5,000,000	Parkway	Expressway	Bridge  Percent Differe		1.0% 0.0% -1.0% -2.0% -3.0%
\$20,000,000 \$15,000,000 \$10,000,000 \$5,000,000 \$5,000,000	Parkway	Expressway	Bridge		1.0% 0.0% -1.0% -2.0% -3.0%
\$20,000,000 \$15,000,000 \$10,000,000 \$5,000,000 \$0 \$0 \$0.800	Parkway	Expressway	Bridge  Percent Differe		1.0% 0.0% -1.0% -2.0% -3.0%
\$20,000,000 \$15,000,000 \$10,000,000 \$5,000,000 \$5,000,000	Parkway	Expressway	Bridge  Percent Differe		1.0% 0.0% -1.0% -2.0% -3.0% 0.9% 0.7% 0.5%
\$20,000,000 \$15,000,000 \$10,000,000 \$5,000,000 \$0 \$0 \$0.800	Parkway	Expressway	Bridge  Percent Differe		1.0% 0.0% -1.0% -2.0% -3.0% 0.9% 0.7% 0.5% 0.3%
\$20,000,000 \$15,000,000 \$10,000,000 \$5,000,000 \$0 \$0.800 \$0.700 \$0.600 \$0.500	Parkway	Expressway	Bridge  Percent Differe		1.0% 0.0% -1.0% -2.0% -3.0% -3.0% -0.1%
\$20,000,000 \$15,000,000 \$10,000,000 \$5,000,000 \$0.800 \$0.700 \$0.600 \$0.500 \$0.400	Parkway	Expressway	Bridge  Percent Differe		1.0% 0.0% -1.0% -2.0% -3.0% 0.9% 0.7% 0.5% 0.3%
\$20,000,000 \$15,000,000 \$10,000,000 \$5,000,000 \$0.800 \$0.700 \$0.600 \$0.500 \$0.400 \$0.300	Parkway	Expressway	Bridge  Percent Differe		1.0% 0.0% -1.0% -2.0% -3.0% -3.0% -0.1%
\$20,000,000 \$15,000,000 \$10,000,000 \$5,000,000 \$0.800 \$0.700 \$0.600 \$0.500 \$0.400	Parkway	Expressway	Bridge  Percent Differe		1.0% 0.0% -1.0% -2.0% -3.0% 0.9% 0.7% 0.5% 0.3% 0.1% -0.1%
\$20,000,000 \$15,000,000 \$10,000,000 \$5,000,000 \$0.800 \$0.700 \$0.600 \$0.500 \$0.400 \$0.300	Parkway	Expressway	Bridge  Percent Differe		1.0% -1.0% -1.0% -2.0% -3.0% -
\$20,000,000 \$15,000,000 \$10,000,000 \$5,000,000 \$5,000,000 \$0.700 \$0.600 \$0.500 \$0.400 \$0.300 \$0.200 \$0.100	Parkway	Expressway	Bridge  Percent Differe		1.0% 0.0% -1.0% -2.0% -3
\$20,000,000 \$15,000,000 \$10,000,000 \$5,000,000 \$0.800 \$0.700 \$0.600 \$0.500 \$0.400 \$0.300 \$0.200	Parkway ■ Actu	Expressway	Bridge Percent Differe  verage Toll	nce	1.0% 0.0% -1.0% -2.0% -3
\$20,000,000 \$15,000,000 \$10,000,000 \$5,000,000 \$5,000,000 \$0.700 \$0.600 \$0.500 \$0.400 \$0.300 \$0.200 \$0.100	Parkway  Actu	Expressway  III Forecast  Annual A	Bridge Percent Differe  Average Toll  Boulevard		1.0% 0.0% -1.0% -2.0% -3
\$20,000,000 \$15,000,000 \$10,000,000 \$5,000,000 \$5,000,000 \$0.700 \$0.600 \$0.500 \$0.400 \$0.300 \$0.200 \$0.100	Parkway ■ Actu	Expressway  Annual A  Downtown Expressway	Bridge Percent Differe  verage Toll	RMTA Total	1.0% 0.0% -1.0% -2.0% -3











## 6. Hourly Traffic Profiles

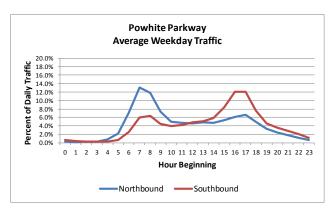
Similar to daily traffic trends, the review of hourly traffic trends by facility provides a comprehensive understanding of the traffic on the RMTA Expressway System. Figure 5 presents the hourly traffic by facility for a typical weekday and weekend day. Each day is presented with respect to the day and the direction of travel, such that the percentage shown by direction will add up to 100 percent.

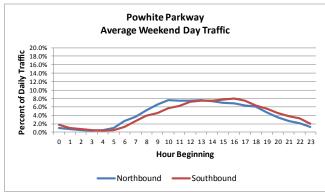
The Powhite Parkway and the Downtown Expressway show peaking characteristics by both direction and time period. Peak hour factors typically range from 5 to 15 percent of daily traffic in the AM/PM peak hour (by direction). This is far exceeded for the Powhite Parkway and Downtown Expressway with the peak hours achieving up to 13 and 15 percent of daily demand, respectively. The Boulevard Bridge reaches 12 percent, the high end of this typical range. The RMTA facilities reach the peak of these peak hour ranges between 7 am and 8 am for the northbound Powhite Parkway and from 8 am to 9 am for both the eastbound Downton Expressway and northbound Boulevard Bridge. In the evening, all three facilities reach their peak period (albeit in the opposite direction) between 5 pm and 6 pm. These peak one-hour periods are the typical commuter "rush hour" and such trends have been static for a number of years. The fact that the peak hour is more pronounced on the RMTA Expressway System points to the unique nature of these facilities and the need to use specific RMTA Expressway data when conducting analysis for the System and not general traffic factors. These factors influence toll plaza sizing, ramp operations and a myriad of other items unique to the RMTA Expressway System. To address peak-hour congestion on its roadways, the RMTA implemented open road tolling (ORT), an electronic toll collection system, on both the Powhite Parkway and Downtown Expressway. The Powhite Parkway was the first of RMTA's facilities to use ORT, opening northbound and southbound ORT lanes in fall of 2008. Westbound ORT lanes were opened to traffic on the Downtown Expressway in fall 2012. The eastbound toll plaza did not implement ORT lanes due to the congestion and potential safety issues downstream at the exiting ramps and on the downtown roadway network that may occur during the AM peak period. With the implementation of ORT both roadways experienced a reduction in peak hour congestion. Additionally, improvements have been made to existing collection equipment in an effort to modernize technologies and decrease congestion during peak hours.

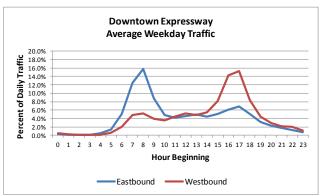
The weekend traffic is very typical of commuter routes with light traffic in the mornings and steady traffic from later morning to early evening, peaking at about 8 to 9 percent of the daily traffic in the noon to 5 pm time range. These lower peak percentages combined with lower overall traffic on weekend indicate that the typical weekend is congestion-free as is the known experience on the RMTA system.

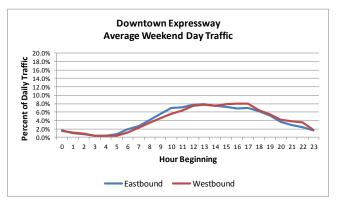


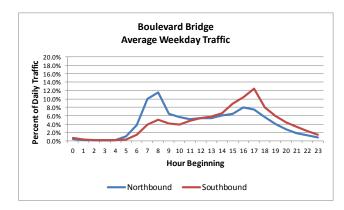
Figure 5: Hourly Traffic Trends on the RMTA Expressway System

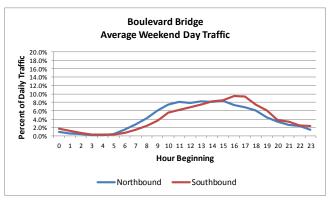








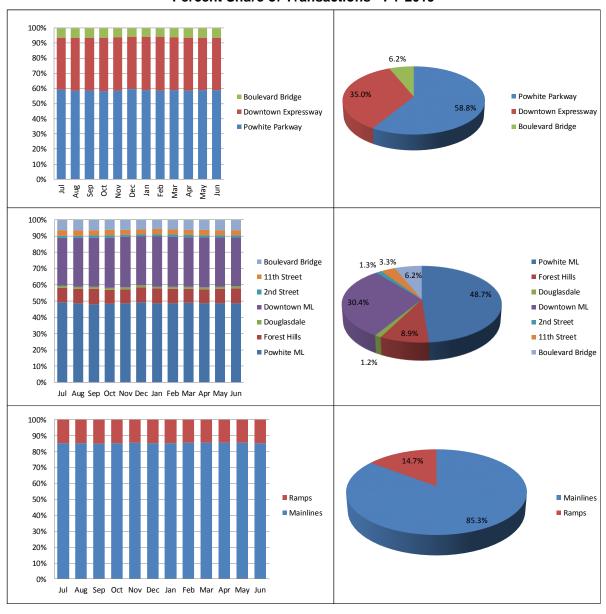






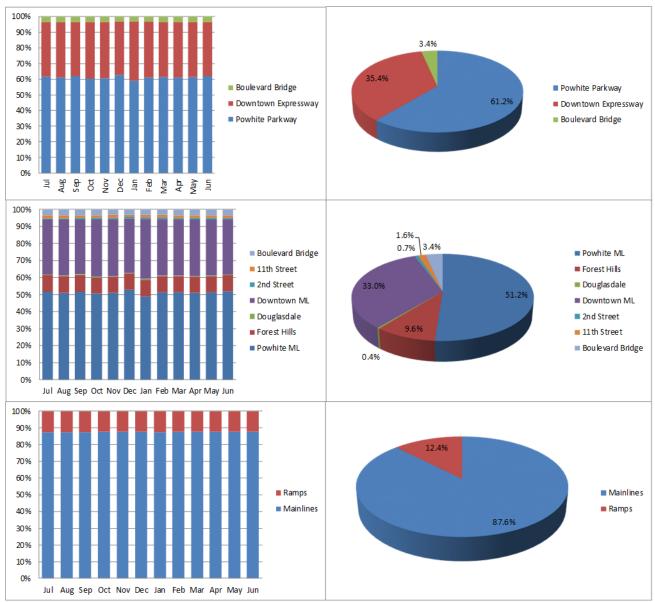
## 7. FY19 Percent Share of Traffic and Revenue by Facility

#### **Percent Share of Transactions - FY 2019**





#### Percent Share of Toll Revenue - FY2019

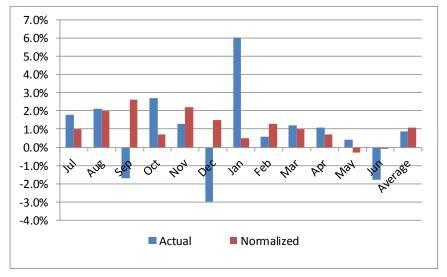




### 8. Normalized Traffic Growth

- Normalization of traffic growth rates takes into account the following:
  - Days of the week in the month
  - Timing of holidays
  - Weather events
  - Special events
- The most significant difference between actual growth and normalized growth for overall growth rates is
  accounting for the days of the week in the month year over year. This is demonstrated with the comparison
  of the average growth rates for normalized and actual, which are very close in many cases.
- Even with the attempted normalization, growth rates have a wide range, which illustrates the difficulty of normalizing on small scales and the importance of the reliance of longer-term trends.
- Normalized overall growth ranged from -0.3 percent to +2.6 percent with an average +1.1 percent.

	FY18 to FY19 Actual and Estimated Normalized Growth						
	Actual		Norm	alized			
Month	Overall	Overall	Weekday	Saturday	Sunday		
Jul	1.8%	1.0%	1.1%	1.4%	-0.5%		
Aug	2.1%	2.0%	1.8%	3.3%	2.5%		
Sep	-1.7%	2.6%	2.1%	6.2%	3.3%		
Oct	2.7%	0.7%	0.4%	0.9%	3.1%		
Nov	1.3%	2.2%	1.9%	2.1%	5.0%		
Dec	-3.0%	1.5%	0.4%	6.6%	6.6%		
Jan	6.0%	0.5%	0.9%	-4.8%	3.9%		
Feb	0.6%	1.3%	2.1%	-3.7%	-1.3%		
Mar	1.2%	1.0%	1.0%	1.0%	0.7%		
Apr	1.1%	0.7%	0.9%	-2.4%	2.6%		
May	0.4%	-0.3%	-0.2%	1.8%	-4.2%		
Jun	-1.8%	-0.1%	0.1%	0.0%	-2.3%		
Average	0.9%	1.1%	1.0%	1.0%	1.6%		





### 9. Distributions of Traffic Growth Rates

This section presents the distribution of the daily traffic growth rates by facility and day of week comparing the same day from FY18 to FY19. Because weekday and weekend traffic patterns are so different on the RMTA system, comparisons are not made between, for example, Sunday, June 3, 2018 and Monday, June 3, 2019 but between the like days of Monday, June 4, 2018 and Monday, June 3, 2019.

The red lines represent the number of occurrences of a particular growth rate during the year, which provides a distribution of growth rates. On the larger scale of the full RMTA system for all days, an almost normal distribution emerges.

The blue lines represent the cumulative percentage share at each growth rate so that at any growth rate it can be determined the percent of daily growth rates above and below. As the distribution spreads or gets more erratic, this line flattens.

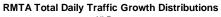
An analysis of all days, weekdays and weekend days is provided for all facilities combined (RMTA Total) and the three facilities individually. Two different scales are presented to be able to detail the middle range of growth rates, ranging from -20% to +20% on the right-hand side graphs. Additionally, the actual, the mean and the median growth rate are provided by facility for all days, weekdays, weekend days.

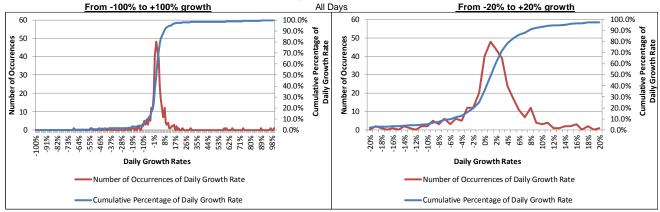
This analysis aids in the determination of normalized traffic growths which feed into the forecasting process.

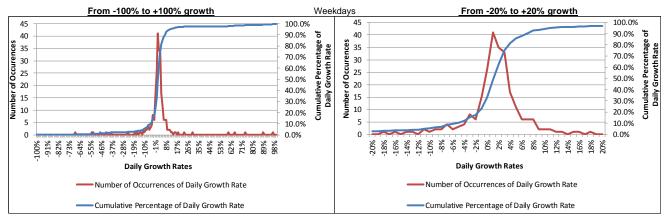
#### Key takeaways:

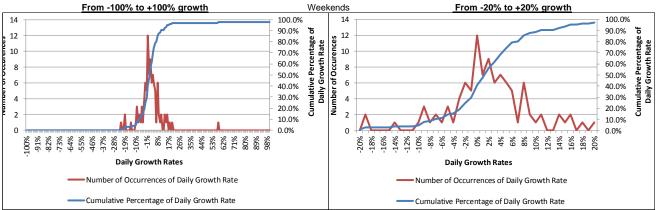
- Weekend traffic has a wider distribution of growth rates than weekday traffic as a function of low traffic levels and various special events that occur;
- Weekday traffic on the Powhite Parkway has the narrowest distribution of growth rates; and
- The Boulevard Bridge has the widest distributions.





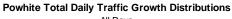


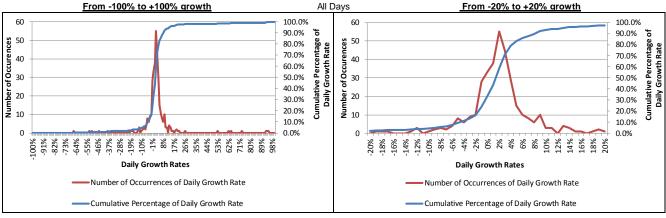


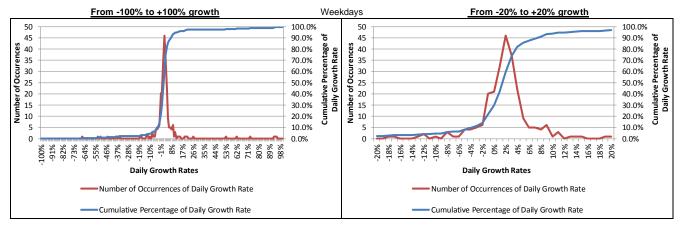


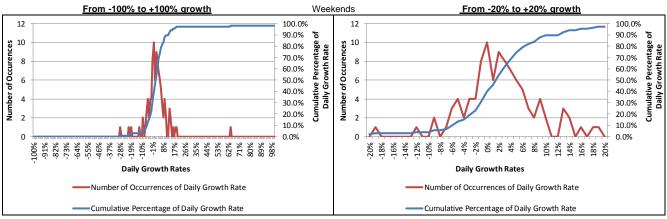
Days of the Week	Daily Growth Rates				
Days of the Week	Actual	Mean	Median		
All Days	0.9%	1.6%	1.1%		
Weekdays	0.9%	1.7%	1.1%		
Weekend Days	0.8%	1.6%	1.2%		





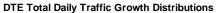


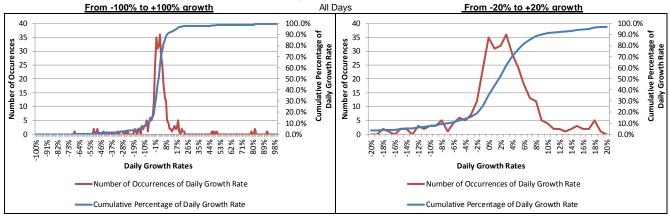


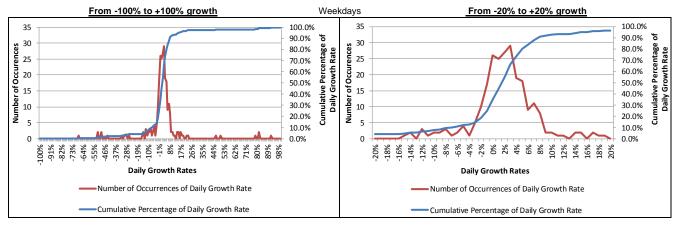


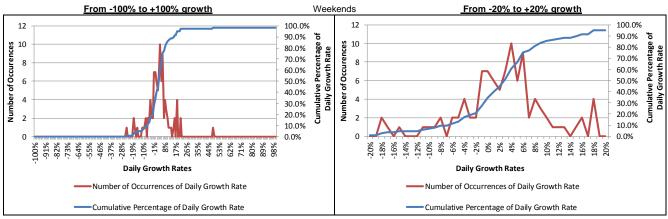
Days of the Week	Daily Growth Rates				
Days of the Week	Actual	Mean	Median		
All Days	1.3%	2.0%	1.5%		
Weekdays	1.3%	2.1%	1.4%		
Weekend Days	1.1%	1.8%	1.7%		







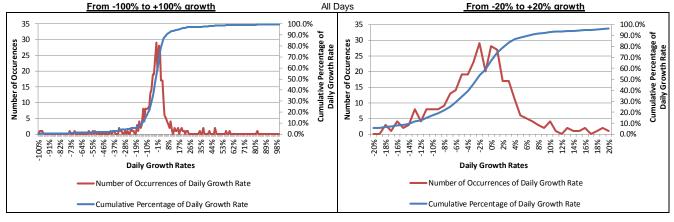


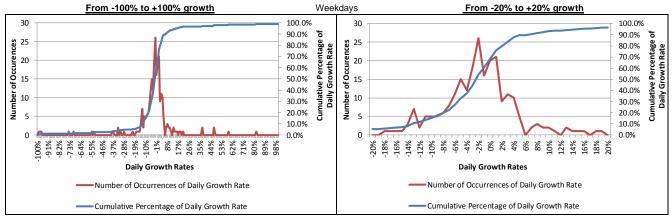


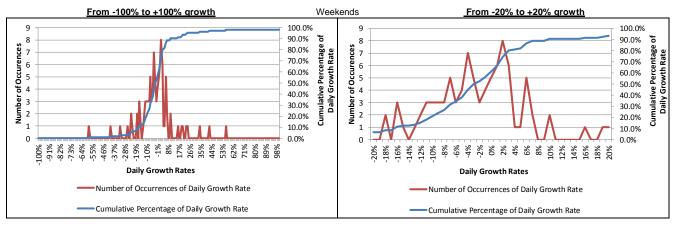
Days of the Week	Daily Growth Rates				
Days of the Week	Actual	Mean	Median		
All Days	1.1%	2.0%	1.7%		
Weekdays	1.0%	1.9%	1.4%		
Weekend Days	1.4%	2.4%	2.7%		











Days of the Week	Daily Growth Rates				
Days of the Week	Actual	Mean*	Median		
All Days	-3.8%	-0.5%	-2.5%		
Weekdays	-3.5%	0.4%	-2.5%		
Weekend Days	-4.8%	-2.9%	-3.2%		

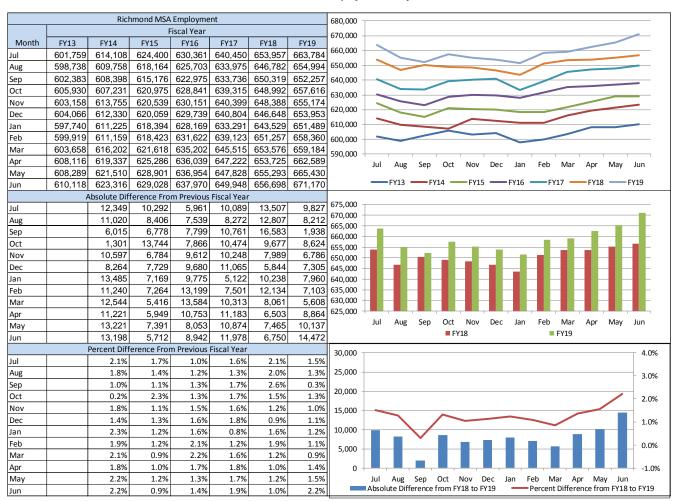
<sup>\*</sup> Outliers as a result of weather closures were removed to achieve more realistic averages.



## 10. Employment Trends

- Employment in the Richmond Metropolitan Area has grown consistently for the last six years at an average annual rate of 1.5 percent.
- Traffic on the RMTA facilities grew at an average annual rate of 2.2 percent during the same time period.
- Average and median growth from FY13 to FY19 was 1.5 and 1.4 percent, respectively, fairly consistent.
- Average and median growth for FY19 was 1.2 and 1.3 percent, respectively, which shows weaker growth than in the recent past (FY13 to FY18 when the average and median growth was 1.5 and 1.6 percent, respectively).

#### Richmond MSA Employment Analysis



<sup>\*</sup>Monthly Employment for Richmond MSA as defined by BLS

Source: Bureau of Labor Statistics

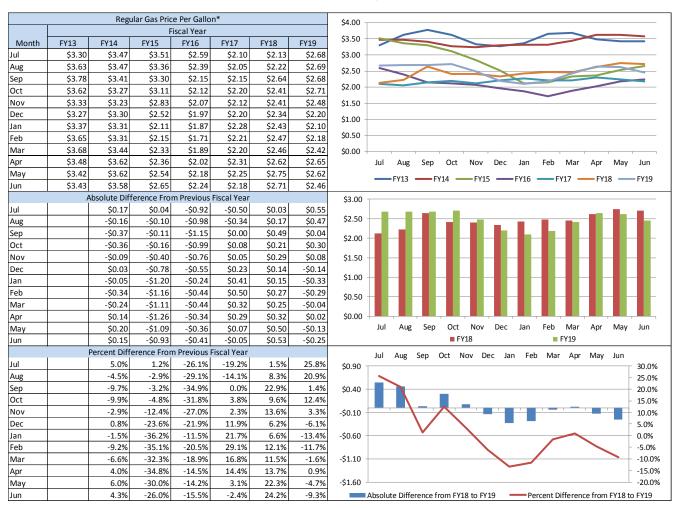
<sup>\*\*</sup>Data were subject to revision on April 20, 2018.



#### 11. Gas Price Trends

- Increases in gas prices (from FY18 to FY19) in the early part of the year, followed by decreases in gas prices (from FY18 to FY19) in the latter half of the year.
- Prices have generally decreased in FY19.
- There is little indication that these fluctuations in prices cause a significant decrease in trips on the RMTA system. There is an inverse relationship between gas prices and travel; as gas prices decrease, trip frequency and length typically increase. It is estimated that gas price changes must be substantial and quick, not gradual, to have the most impact. Also, major thresholds of whole dollar amounts may cause change in behavior as they are newsworthy events and noticeable to the public.

#### **Gasoline Price Analysis**



<sup>\*</sup>Lower Atlantic (PADD 1C) Regular Conventional Retail Gasoline Prices

Source: US Energy Information Adminsitration

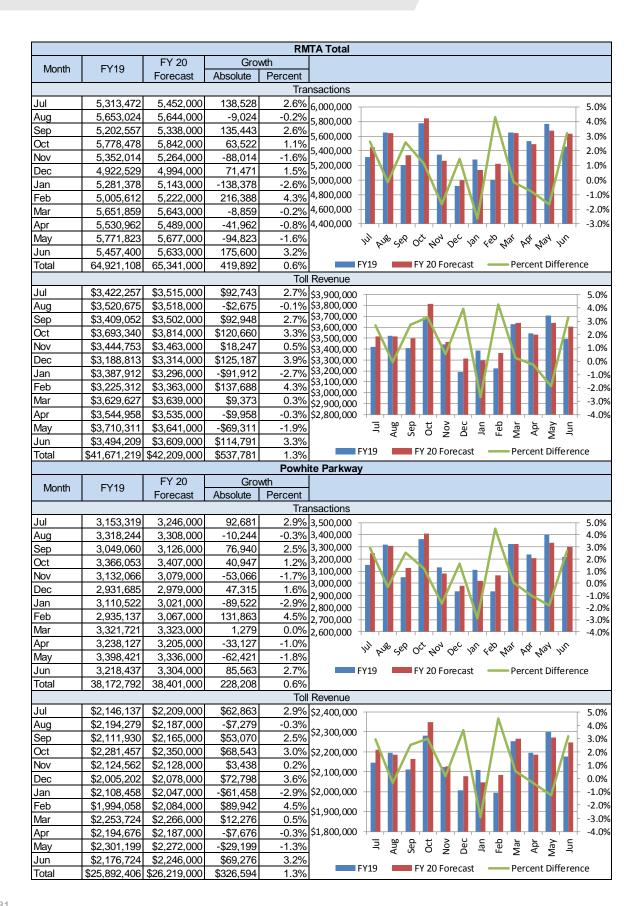


### 12. FY19 Actual to FY20 Forecast

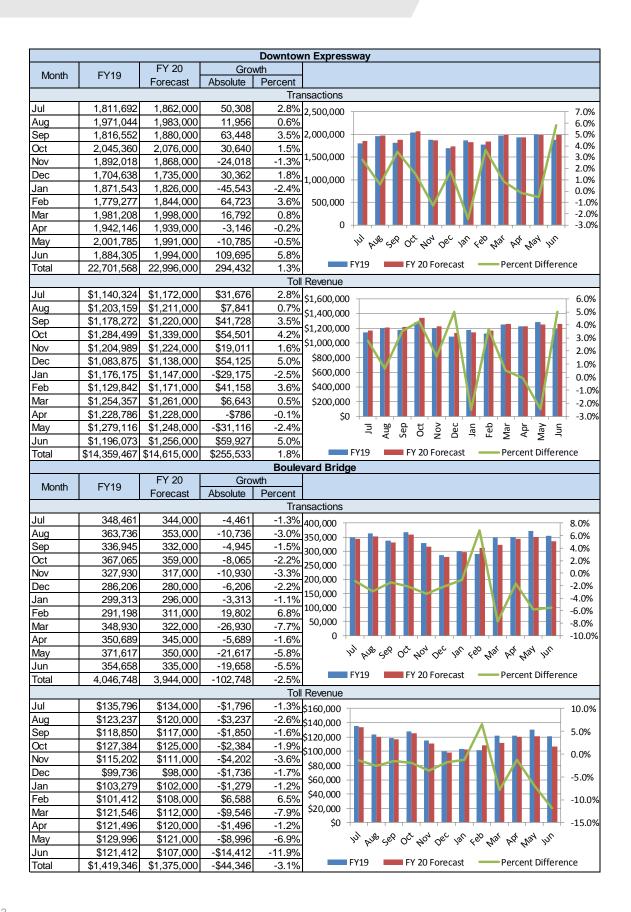
- The slower than anticipated growth of T&R throughout FY19 caused the FY19 actual results to come very close to forecast.
- The average toll is expected to remain stable.
- The FY20 forecast is conservative and reasonable to achieve given the anticipated traffic growth of less than one percent for RMTA's system.

		FY 19 to FY20	) Forecast		
Faci	ility	FY19	FY20 Forecast	Differ	ence
i aci	ility			Absolute	Percent
D 12 D 1		Transac		202 222	0.00/
Powhite Park	•	38,172,792	38,401,000	228,208	0.6%
Downtown Ex		22,701,568	22,996,000	294,432 -102,748	1.3%
Boulevard Bri RMTA Total	iage	4,046,748 64,921,108	3,944,000 65,341,000	419,892	-2.5% 0.6%
INVITA TOTAL		Toll Rev		419,032	0.076
Powhite Park	wav	\$25,892,406	\$26,219,000	\$326,594	1.3%
Downtown Ex	•	\$14,359,467	\$14,615,000	\$255,533	1.8%
Boulevard Bri	. ,	\$1,419,346	\$1,375,000	-\$44,346	-3.1%
RMTA Total	Ĭ	\$41,671,219	\$42,209,000	\$537,781	1.3%
		Average	e Toll		
Powhite Park		\$0.678	\$0.683	\$0.0045	0.7%
Downtown Ex		\$0.633	\$0.636	\$0.0030	0.5%
Boulevard Bri	idge	\$0.351	\$0.349	-\$0.0021	-0.6%
RMTA Total		\$0.642	\$0.646	\$0.0041	0.6%
70,000,000 $\top$		Ananal Tr	ansactions		1.5%
60,000,000		Alliudi II	a113aCUU113		1.0%
50,000,000	•				- 0.5%
, ,					- 0.0%
40,000,000					-0.5%
30,000,000					-1.0%
20,000,000					-1.5%
					-2.0%
10,000,000					2.5%
0 +			,		-3.0%
	Powhite	Downtown	Boulevard	RMTA Tota	al
	Parkway	Expressway	Bridge		
	■ FY19	FY20 Forecast	<ul><li>Percent Differe</li></ul>	nce	
\$45,000,000		Annual T	oll Revenue		3.0%
\$40,000,000		7.1111.0.01 1	on nevenue		2.0%
\$35,000,000	<b>—</b>				1.0%
\$30,000,000					
\$25,000,000					0.0%
\$20,000,000					-1.0%
\$15,000,000					-2.0%
\$10,000,000					_
\$5,000,000			•		-3.0%
\$0					-4.0%
	Powhite	Downtown	Boulevard	RMTA Tot	al
	Parkway	Expressway	Bridge		
	■ FY19	FY20 Forecast	<ul> <li>Percent Differe</li> </ul>	nce	
4					
\$0.800		Annual A	verage Toll		0.8%
\$0.700					0.6%
\$0.600					0.4%
\$0.500					0.2%
\$0.400					0.0%
\$0.300					-0.2%
\$0.200					-0.4%
\$0.100					-0.6%
\$0.000					-0.8%
		D	Davilariand	DAATA Total	-1
	Powhite Parkway	Downtown Expressway	Boulevard Bridge	RMTA Tota	dI
	Parkway	Expressway	Bridge  Percent Differe		ai











## 13. T&R Trends by Facility

#### 13.1 T&R Growth Trends for All Facilities

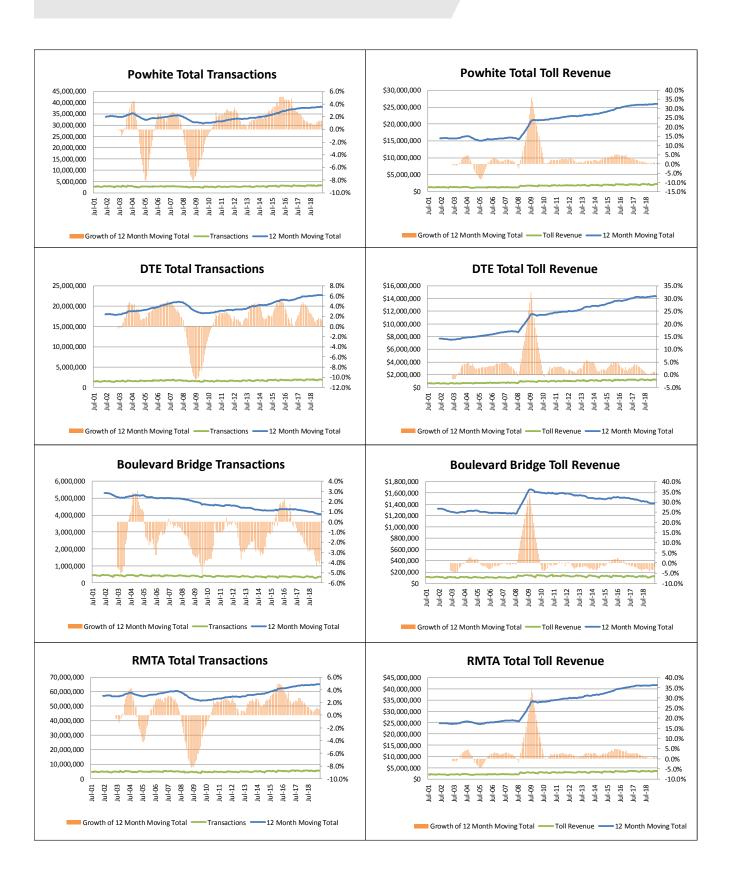
In this section the long-term and short-term historical transactions and toll revenue by facility are provided. On the graphs on the following pages, the 12-month moving total is charted for each facility as well as the annualized percent change of that moving total. These two items allow for the review of growth by facility.

All facilities demonstrated a loss in transactions in 2008-2010 due to two major factors, the Great Recession and the toll increase in September 2008. During this time toll revenue increased in spite of the loss in traffic, because the increase in toll rates outweighed the loss in traffic.

The Powhite Parkway had a decrease in traffic and toll revenue around 2004/2005 due to the opening of SH 288, which offers a limited access highway to parts west of the City of Richmond.

Over the last few years, as shown on the latter figures, the Powhite Parkway and Downtown Expressway have maintained steady growth of between 2 and 5 percent. The Boulevard Bridge halted a negative trend in FY16 with 2 percent growth; it then showed no growth in FY17 and exhibited a negative growth again in FY18 and FY19.







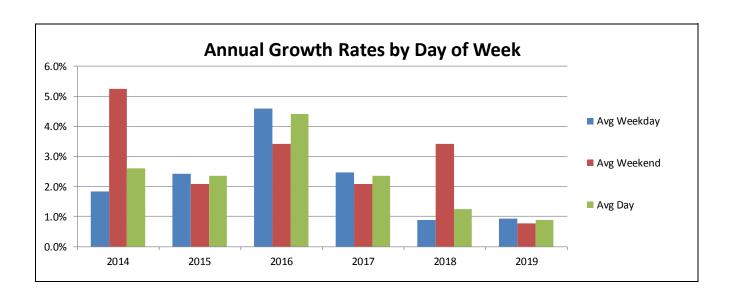
#### 13.2 RMTA Total T&R Trends

	RMTA Tota	l: Transacti	ons by Payn	nent Type by	Day of Wee	k for FY2013	to FY2019		
2013	Cash	ETC *	Non-Rev	Violations	ISF	Total			
Mon	54,082	102,948	1,038	4,500	173	162,741			
Tue	56,859	112,153	1,277	4,715	185	175,189			
Wed	58,248	112,967	1,230	4,807	200	177,453			
Thu	60,141	115,506	1,243	4,962	208	182,060			
Fri	64,662	111,334	1,160	5,200	212	182,567			
Sat	52,132	58,099	572	3,834	133	114,771			
Sun	41,309	47,233	474	3,044	100	92,160			
Avg Weekday	58,799	110,982	1,190	4,837	196	176,002			
Avg Weekend	46,669	52,614	523	3,435	117	103,357			
Avg Day	55,309	94,191	998	4,434	173	155,104	Growth	from previo	us FY
2014	Cash	ETC *	Non-Rev	Violations	ISF	Total	Cash	ETC	Total
Mon	54,656	108,228	1,341	4,289	164	168,678	1.1%	5.1%	3.6%
Tue	56,829	117,168	1,483	4,692	182	180,354	-0.1%	4.5%	2.9%
Wed	56,826	115,543	1,471	4,699	190	178,730	-2.4%	2.3%	0.7%
Thu	58,551	116,280	1,507	4,717	199	181,253	-2.6%	0.7%	-0.4%
Fri	65,100	115,431	1,454	5,114	206	187,305	0.7%	3.7%	2.6%
Sat	53,887	62,136	726	3,967	143	120,859	3.4%	6.9%	5.3%
Sun	42,484	50,427	624	3,091	107	96,733	2.8%	6.8%	5.0%
Avg Weekday	58,378	114,506	1,451	4,701	188	179,223	-0.7%	3.2%	1.8%
Avg Weekend	48,186	56,281	675	3,529	125	108,796	3.3%	7.0%	5.3%
Avg Day	55,474	97,916	1,230	4,367	170	159,156	0.3%	4.0%	2.6%
2015	Cash	ETC *	Non-Rev	Violations	ISF	Total	Cash	ETC	Total
Mon	53,691	115,997	1,301	4,265	195	175,449	-1.8%	7.2%	4.0%
Tue	55,232	123,150	1,459	4,405	214	184,460	-2.8%	5.1%	2.3%
Wed	56,126	124,037	1,604	4,400	223	186,390	-1.2%	7.4%	4.3%
Thu	55,911	120,840	1,479	4,504	226	182,960	-4.5%	3.9%	0.9%
Fri	62,157	119,889	1,413	4,953	233	188,645	-4.5%	3.9%	0.7%
Sat	51,653	66,355	716	3,983	160	122,867	-4.1%	6.8%	1.7%
Sun	41,117	54,309	610	3,088	123	99,248	-3.2%	7.7%	2.6%
Avg Weekday	56,618	120,791	1,451	4,505	219	183,584	-3.0%	5.5%	2.4%
Avg Weekend	46,385	60,332	663	3,536	141	111,058	-3.7%	7.2%	2.1%
Avg Day	53,702	103,565	1,227	4,229	197	162,919	-3.2%	5.8%	2.4%
2016	Cash	ETC *	Non-Rev	Violations	ISF	Total	Cash	ETC	Total
Mon	52,290	120,038	1,343	4,570	185	178,426	-2.6%	3.5%	1.7%
Tue	55,559	132,714	1,497	4,864	206	194,840	0.6%	7.8%	5.6%
Wed	56,371	133,102	1,525	4,865	213	196,076	0.4%	7.3%	5.2%
Thu	57,689	132,821	1,498	5,020	222	197,248	3.2%	9.9%	7.8%
Fri	61,097	125,313	1,377	5,305	230	193,322	-1.7%	4.5%	2.5%
Sat	50,848	70,757	731	4,332	164	126,833	-1.6%	6.6%	3.2%
Sun	40,285	58,462	645	3,387	120	102,899	-2.0%	7.6%	3.7%
Avg Weekday	56,604	128,829	1,448	4,925	211	192,018	0.0%	6.7%	4.6%
Avg Weekend	45,567	64,609	688	3,860	142	114,866	-1.8%	7.1%	3.4%
Avg Day	53,468	110,581	1,232	4,622	191	170,095	-0.4%	6.8%	4.4%
2017	Cash	ETC *	Non-Rev	Violations	ISF	Total	Cash	ETC	Total
Mon	49,057	123,799	1,290	4,752	138	179,036	-6.2%	3.1%	0.3%
Tue	52,401	138,542	1,480	5,317	159	197,899	-5.7%	4.4%	1.6%
Wed	53,446	140,464	1,504	5,481	167	201,062	-5.2%	5.5%	2.5%
Thu	54,625	140,844	1,469	5,617	171	202,726	-5.3%	6.0%	2.8%
Fri	59,419	136,080	1,373	5,891	184	202,946	-2.7%	8.6%	5.0%
Sat	48,402	75,543	714	4,757	131	129,547	-4.8%	6.8%	2.1%
Sun	38,333	62,385	630	3,555	95	104,997	-4.8%	6.7%	2.0%
Avg Weekday	53,811	135,946	1,423	5,413	164	196,758	-4.9%	5.5%	2.5%
Avg Weekend	43,367	68,964	672	4,156	113	117,272	-4.8%	6.7%	2.1%
Avg Day	50,835	116,861	1,209	5,055	149	174,110	-4.9%	5.7%	2.4%
2018	Cash	ETC *	Non-Rev	Violations	ISF	Total	Cash	ETC 5704	Total
Mon	46,076	130,855	1,223	4,733	133	183,021	-6.1%	5.7%	2.2%
Tue	48,643	143,708	1,401	5,030	141	198,922	-7.2%	3.7%	0.5%
Wed	49,120	144,349	1,445	5,326	153	200,394	-8.1%	2.8%	-0.3%
Thu	50,690	146,074	1,417	5,560	159	203,899	-7.2%	3.7%	0.6%
Fri	55,595	143,476	1,318	5,935	168	206,492	-6.4%	5.4%	1.7%
Sat	45,944	81,639	724	5,529	125	133,961	-5.1%	8.1%	3.4%
Sun	36,341	67,006	605	4,292	95	108,338	-5.2%	7.4%	3.2%
Avg Weekday	50,025	141,692	1,361	5,317	151	198,546	-7.0%	4.2%	0.9%
Avg Weekend	41,188	74,392	665	4,916	110	121,272	-5.0%	7.9%	3.4%
Avg Day	47,483	122,332	1,161	5,202	139	176,316	-6.6%	4.7%	1.3%
2019	Cash	ETC *	Non-Rev	Violations	ISF	Total	Cash	ETC 2.5%	Total
Mon	42,588	134,097	1,225	5,684	130	183,724	-7.6%	2.5%	0.4%
Tue	45,128	147,043	1,404	6,371	140	200,086	-7.2%	2.3%	0.6%
Wed	46,121	148,612	1,458	6,666	153	203,011	-6.1%	3.0%	1.3%
Thu	47,143	150,974	1,449	7,085	158	206,810	-7.0%	3.4%	1.4%
Fri	51,375	147,613	1,357	7,586	178	208,109	-7.6%	2.9%	0.8%
Sat	42,669	86,129	670	6,743	123	136,334	-7.1%	5.5%	1.8%
			565	5,653	91	108,327	-9.0%	2.9%	0.0%
Sun	33,074	68,945							
Sun Avg Weekday	46,471	145,668	1,378	6,679	152	200,348	-7.1%	2.8%	0.9%
Sun									



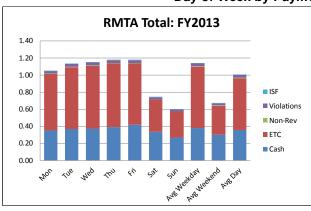
		RMTA	A Total: Histo	orical Traffic	by Payment	Туре			
FY	Cash	ETC *	Non-Rev	Violations	ISF	Total	% ETC *	% Cash	% Viol
2013	20,187,861	34,379,674	364,185	1,618,229	63,094	56,613,043	60.7%	35.7%	2.9%
2014	20,247,976	35,739,274	448,875	1,593,897	62,070	58,092,092	61.5%	34.9%	2.7%
2015	19,601,321	37,801,078	447,809	1,543,487	71,735	59,465,430	63.6%	33.0%	2.6%
2016	19,569,321	40,472,616	451,060	1,691,787	70,085	62,254,869	65.0%	31.4%	2.7%
2017	18,554,882	42,654,178	441,292	1,845,142	54,527	63,550,021	67.1%	29.2%	2.9%
2018	17,331,191	44,651,183	423,630	1,898,559	50,817	64,355,379	69.4%	26.9%	3.0%
2019	16,054,158	46,006,416	423,212	2,386,647	50,675	64,921,108	70.9%	24.7%	3.7%
		(	Growth				%	Point Grov	<i>I</i> th
2013 to 2014	0.3%	4.0%	23.3%	-1.5%	-1.6%	2.6%	0.8%	-0.8%	-0.1%
2014 to 2015	-3.2%	5.8%	-0.2%	-3.2%	15.6%	2.4%	2.0%	-1.9%	-0.1%
2015 to 2016	-0.2%	7.1%	0.7%	9.6%	-2.3%	4.7%	1.4%	-1.5%	0.1%
2016 to 2017	-5.2%	5.4%	-2.2%	9.1%	-22.2%	2.1%	2.1%	-2.2%	0.2%
2017 to 2018	-6.6%	4.7%	-4.0%	2.9%	-6.8%	1.3%	2.3%	-2.3%	0.0%
2018 to 2019	-7.4%	3.0%	-0.1%	25.7%	-0.3%	0.9%	1.5%	-2.2%	0.7%

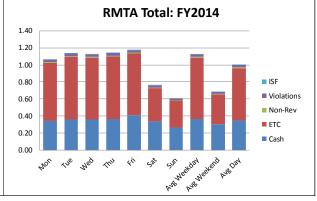
<sup>\*</sup> ETC transactions are reporting only paid E-ZPass transactions and not non-rev or violation transactions that are from E-ZPass

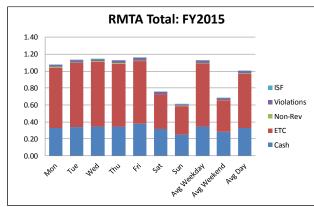


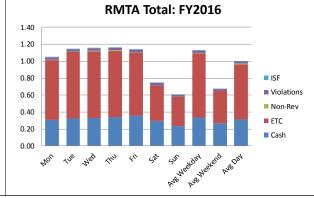


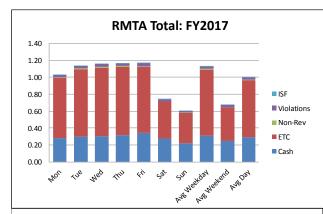
#### Day of Week by Payment Type by Fiscal Year

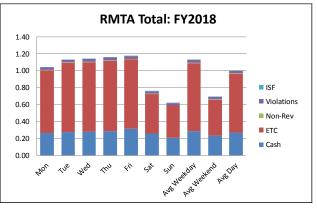


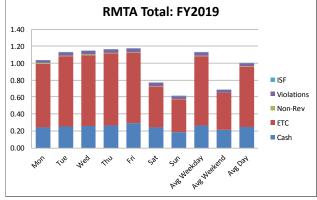




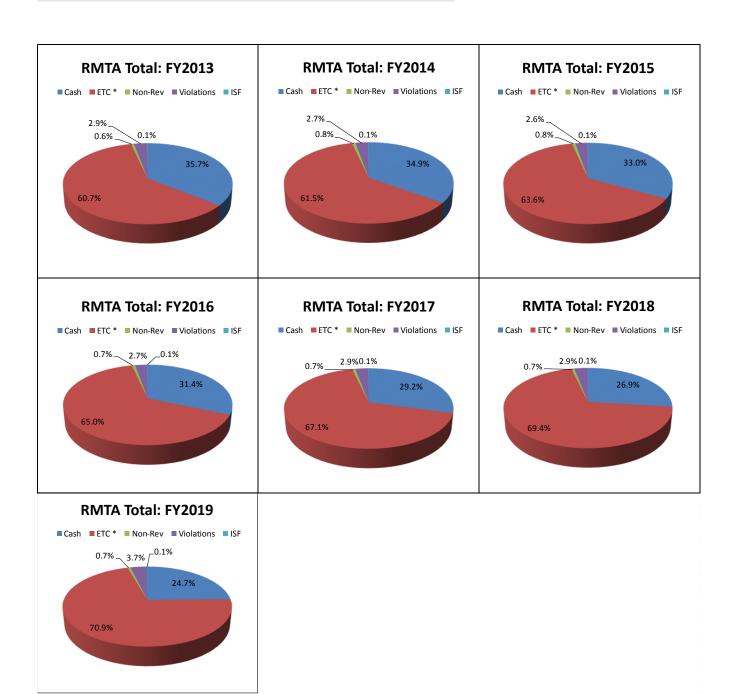










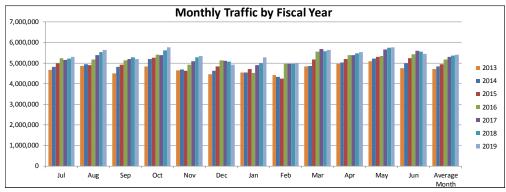


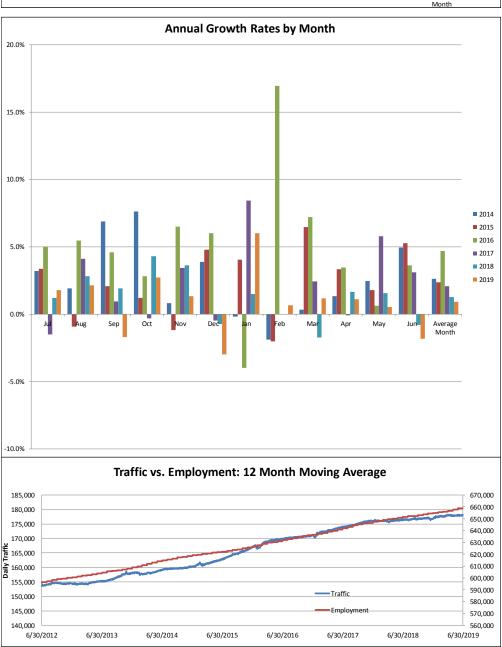
<sup>\*</sup> ETC transactions are reporting only paid E-ZPass transactions and not non-rev or violation transactions that are from E-ZPass



Month					RMTA 1	Total: Historical	Traffic by Month	and Fiscal Year					
IVIOTILIT	2013	Growth	2014	Growth	2015	Growth	2016	Growth	2017	Growth	2018	Growth	2019
Jul	4,676,346	3.2%	4,825,959	3.4%	4,988,209	5.0%	5,238,336	-1.5%	5,159,243	1.2%	5,221,140	1.8%	5,313,472
Aug	4,858,057	1.9%	4,950,969	-0.9%	4,904,305	5.4%	5,171,293	4.1%	5,382,898	2.8%	5,534,604	2.1%	5,653,024
Sep	4,510,690	6.9%	4,820,514	2.1%	4,920,145	4.6%	5,146,077	0.9%	5,194,027	1.9%	5,293,760	-1.7%	5,202,557
Oct	4,835,121	7.6%	5,202,860	1.2%	5,264,488	2.8%	5,412,545	-0.3%	5,394,531	4.3%	5,625,416	2.7%	5,778,478
Nov	4,645,323	0.8%	4,683,594	-1.2%	4,628,374	6.5%	4,929,144	3.4%	5,098,040	3.6%	5,281,771	1.3%	5,352,014
Dec	4,452,573	3.9%	4,624,583	4.8%	4,845,554	6.0%	5,137,215	-0.5%	5,112,595	-0.7%	5,075,347	-3.0%	4,922,529
Jan	4,542,652	-0.2%	4,534,167	4.0%	4,716,822	-4.0%	4,527,838	8.4%	4,909,911	1.5%	4,982,501	6.0%	5,281,378
Feb	4,425,292	-1.9%	4,341,518	-2.0%	4,253,228	17.0%	4,974,342	0.0%	4,974,209	0.0%	4,973,483	0.6%	5,005,612
Mar	4,849,265	0.3%	4,864,862	6.4%	5,178,384	7.2%	5,550,915	2.4%	5,685,501	-1.7%	5,587,466	1.2%	5,651,859
Apr	4,973,917	1.3%	5,039,104	3.3%	5,207,484	3.4%	5,386,899	-0.1%	5,381,423	1.7%	5,470,524	1.1%	5,530,962
May	5,094,049	2.5%	5,219,473	1.8%	5,312,390	0.6%	5,344,537	5.8%	5,653,827	1.7%	5,750,180	0.4%	5,771,823
Jun	4,749,758	4.9%	4,984,489	5.2%	5,246,047	3.6%	5,435,728	3.1%	5,603,816	-0.8%	5,559,188	-1.8%	5,457,400
Total	56,613,043	2.6%	58,092,092	2.4%	59,465,430	4.7%	62,254,869	2.1%	63,550,021	1.3%	64,355,379	0.9%	64,921,108









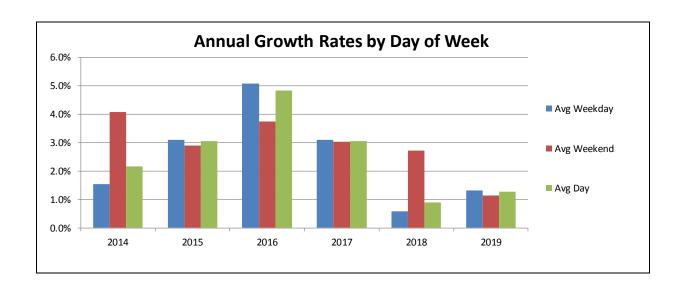
### 13.3 Powhite Parkway T&R Trends

	Powhite 1	otal: Transac	tions by Pav	ment Type I	by Day of We	ek for FY201	3 to FY201	9	
2013	Cash	ETC *	Non-Rev	Violations	ISF	Total		-	
Mon	31,860	59,008	661	2,181	112	93,821			
Tue	33,169	63,697	772	2,319	118	100,076			
Wed	33,992	64,473	783	2,323	128	101,699			
Thu	35,021	65,661	785	2,431	133	104,032			
Fri	37,880	63,891	725	2,604	134	105,234			
Sat	31,384	35,922	356	2,070	82	69,815			
Sun	24,937	28,910	297	1,624	63	55,831			
Avg Weekday	34,384	63,346	745	2,372	125	100,972			
Avg Weekend	28,130	32,383	327	1,845	73	62,756			
Avg Day	32,585	54,439	625	2,220	110	89,979	Growth	from previo	ous FY
2014	Cash	ETC *	Non-Rev	Violations	ISF	Total	Cash	ETC	Total
Mon	32,204	61,629	762	2,172	106	96,872	1.1%	4.4%	3.3%
Tue	33,242	66,311	833	2,361	118	102,864	0.2%	4.1%	2.8%
Wed	33,254	65,458	819	2,413	123	102,066	-2.2%	1.5%	0.4%
Thu	34,197	65,890	841	2,398	129	103,456	-2.4%	0.3%	-0.6%
Fri	37,961	66,058	803	2,580	128	107,529	0.2%	3.4%	2.2%
Sat	32,134	38,000	401	2,109	88	72,731	2.4%	5.8%	4.2%
Sun	25,378	30,468	347	1,632	65	57,891	1.8%	5.4%	3.7%
Avg Weekday	34,164	65,056	811	2,384	121	102,536	-0.6%	2.7%	1.5%
Avg Weekend	28,756	34,234	374	1,871	77	65,311	2.2%	5.7%	4.1%
Avg Day	32,623	56,274	687	2,238	108	91,929	0.1%	3.4%	2.2%
2015	32,623 Cash	56,274 ETC *	Non-Rev	Violations	ISF	Total	Cash	ETC	Total
Mon	31,919					101,292	-0.9%	7.8%	4.6%
		66,445	759	2,041	128		-0.9% -2.1%		
Tue	32,558	70,136	825	2,113	139	105,772		5.8%	2.8%
Wed	33,162	70,806	909	2,109	146	107,132	-0.3%	8.2%	5.0%
Thu	33,069	68,977	837	2,143	149	105,176	-3.3%	4.7%	1.7%
Fri	36,772	69,068	792	2,411	149	109,192	-3.1%	4.6%	1.5%
Sat	31,068	40,858	386	2,097	96	74,505	-3.3%	7.5%	2.4%
Sun	24,796	33,104	337	1,581	75	59,892	-2.3%	8.7%	3.5%
Avg Weekday	33,493	69,090	824	2,163	142	105,713	-2.0%	6.2%	3.1%
Avg Weekend	27,932	36,981	362	1,839	86	67,199	-2.9%	8.0%	2.9%
Avg Day	31,908	59,941	693	2,071	126	94,739	-2.2%	6.5%	3.1%
2016	Cash	ETC *	Non-Rev	Violations	ISF	Total	Cash	ETC	Total
Mon	31,365	69,253	767	2,257	114	103,755	-1.7%	4.2%	2.4%
Tue	33,025	75,950	848	2,378	127	112,327	1.4%	8.3%	6.2%
Wed	33,566	76,504	851	2,317	131	113,369	1.2%	8.0%	5.8%
Thu	34,175	76,140	840	2,415	137	113,707	3.3%	10.4%	8.1%
Fri	36,163	72,479	760	2,571	139	112,113	-1.7%	4.9%	2.7%
Sat	30,871	43,594	394	2,213	93	77,167	-0.6%	6.7%	3.6%
Sun	24,449	35,658	353	1,714	70	62,243	-1.4%	7.7%	3.9%
Avg Weekday	33,660	74,082	813	2,388	130	111,073	0.5%	7.2%	5.1%
Avg Weekend	27,660	39,626	374	1,964	81	69,705	-1.0%	7.2%	3.7%
Avg Day	31,955	64,291	688	2,267	116	99,318	0.1%	7.3%	4.8%
2017	Cash	ETC *	Non-Rev	Violations	ISF	Total	Cash	ETC	Total
Mon	29,785	71,848	736	2,512	83	104,963	-5.0%	3.7%	1.2%
Tue	31,563	79,845	842	2,612	92	114,954	-4.4%	5.1%	2.3%
Wed	32,108	80,910	844	2,691	98	116,650	-4.3%	5.8%	2.9%
Thu	32,799	80,912	823	2,739	101	117,374	-4.0%	6.3%	3.2%
Fri	35,670	78,937	758	3,015	106	118,486	-1.4%	8.9%	5.7%
Sat	29,861	46,514	383	2,553	72	79,383	-3.3%	6.7%	2.9%
Sun	23,745	38,154	340	1,969	53	64,261	-2.9%	7.0%	3.2%
Avg Weekday	32,397	78,492	800	2,715	96	114,501	-3.8%	6.0%	3.1%
Avg Weekend	26,803	42,334	361	2,261	62	71,822	-3.1%	6.8%	3.0%
Avg Day	30,803	68,190	675	2,586	86	102,340	-3.6%	6.1%	3.0%
2018	Cash	ETC *	Non-Rev	Violations	ISF	Total	Cash	ETC	Total
Mon	28,141	75,960	699	1,860	82	106,741	-5.5%	5.7%	1.7%
Tue	29,443	82,923	792	1,964	86	115,209	-6.7%	3.9%	0.2%
Wed	29,668	83,123	816	2,243	92	115,942	-7.6%	2.7%	-0.6%
Thu	30,548	84,033	800	2,367	97	117,846	-6.9%	3.9%	0.4%
Fri	33,506	83,265	730	2,502	102	120,105	-6.1%	5.5%	1.4%
Sat	28,479	50,029	383	2,540	72	81,503	-4.6%	7.6%	2.7%
Sun	22,629	40,869	321	2,006	54	65,879	-4.7%	7.1%	2.5%
Avg Weekday	30,261	81,861	767	2,187	92	115,169	-6.6%	4.3%	0.6%
Avg Weekend	25,582	45,492	353	2,276	63	73,765	-4.6%	7.5%	2.7%
Avg Day	28,915	71,399	648	2,213		103,258	-6.1%	4.7%	0.9%
2019	Cash	ETC *	Non-Rev	Violations	ISF	Total	Cash	ETC	Total
Mon	26,133	78,115	720	2,571	81	107,620	-7.1%	2.8%	0.8%
Tue	27,521	85,252	817	2,857	87	116,533	-6.5%	2.8%	1.1%
Wed	27,985	86,304	841	3,033	97	118,261	-5.7%	3.8%	2.0%
Thu	28,589	87,178	833	3,164		119,866	-6.4%	3.7%	1.7%
Fri	31,097	85,687	775	3,489	110	121,157	-7.2%	2.9%	0.9%
Sat	26,575	52,707	358	3,431	72	83,143	-6.7%	5.4%	2.0%
Sun	20,706	42,177	303	3,431	53	66,239	-8.5%	3.4%	0.5%
Avg Weekday	28,265	84,507	797	3,023	95	116,687	-6.6%	3.2%	1.3%
Avg Weekend	23,612		330	3,023			-7.7%	4.2%	1.1%
	26,926	73,830	663	3,214	86		-6.9%	3.4%	1.1%
Avg Day									



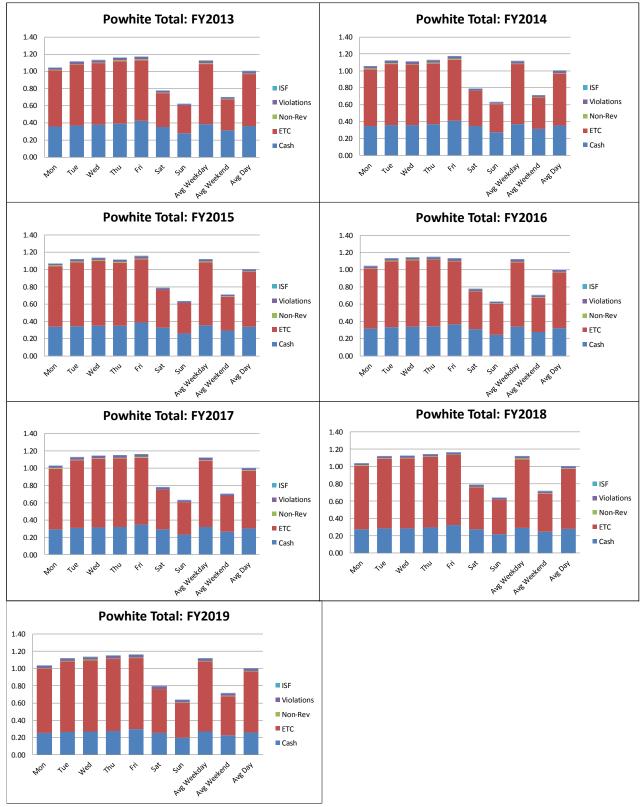
		Powhi	te Total: His	torical Traffi	c by Paymer	nt Type			
FY	Cash	ETC *	Non-Rev	Violations	ISF	Total	% ETC	% Cash	% Viol
2013	11,893,586	19,870,133	228,042	810,357	40,120	32,842,238	60.5%	36.2%	2.5%
2014	11,907,409	20,539,935	250,619	816,748	39,485	33,554,196	61.2%	35.5%	2.4%
2015	11,646,458	21,878,582	252,789	755,851	46,048	34,579,728	63.3%	33.7%	2.2%
2016	11,695,626	23,530,670	251,949	829,739	42,444	36,350,428	64.7%	32.2%	2.3%
2017	11,243,265	24,889,194	246,470	943,723	31,510	37,354,162	66.6%	30.1%	2.5%
2018	10,554,095	26,060,547	236,527	807,618	30,435	37,689,222	69.1%	28.0%	2.1%
2019	9,828,132	26,947,999	241,907	1,123,418	31,336	38,172,792	70.6%	25.7%	2.9%
		(	Growth				%	Point Grov	vth
2013 to 2014	0.1%	3.4%	9.9%	0.8%	-1.6%	2.2%	0.7%	-0.7%	0.0%
2014 to 2015	-2.2%	6.5%	0.9%	-7.5%	16.6%	3.1%	2.1%	-1.8%	-0.2%
2015 to 2016	0.4%	7.6%	-0.3%	9.8%	-7.8%	5.1%	1.5%	-1.5%	0.1%
2016 to 2017	-3.9%	5.8%	-2.2%	13.7%	-25.8%	2.8%	1.9%	-2.1%	0.2%
2017 to 2018	-6.1%	4.7%	-4.0%	-14.4%	-3.4%	0.9%	2.5%	-2.1%	-0.4%
2018 to 2019	-6.9%	3.4%	2.3%	39.1%	3.0%	1.3%	1.4%	-2.3%	0.8%

<sup>\*</sup> ETC transactions are reporting only paid E-ZPass transactions and not non-rev or violation transactions that are from E-ZPass

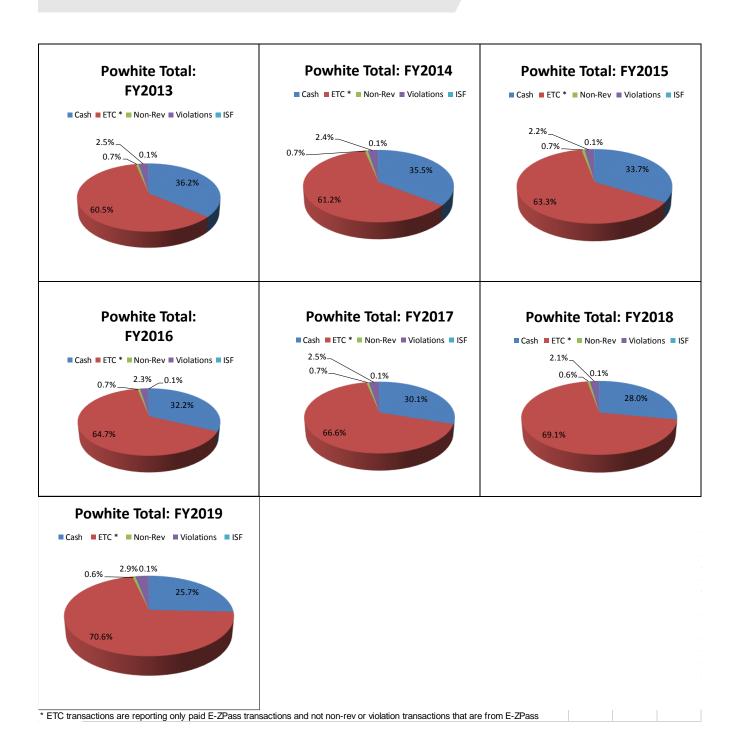




Day of Week by Payment Type by Fiscal Year



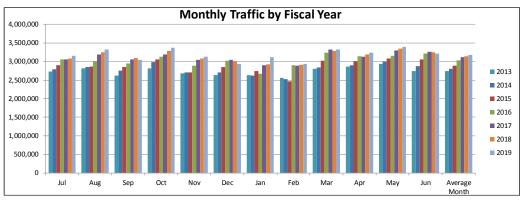






Month					Powhite	Total: Historical	Traffic by Mont	h and Fiscal Yea	ır				
IVIOTILIT	2013	Growth	2014	Growth	2015	Growth	2016	Growth	2017	Growth	2018	Growth	2019
Jul	2,729,646	2.3%	2,792,285	3.8%	2,897,937	5.4%	3,053,511	0.0%	3,052,797	1.1%	3,085,096	2.2%	3,153,319
Aug	2,818,384	1.2%	2,853,185	0.2%	2,859,680	5.3%	3,011,736	5.7%	3,183,563	2.0%	3,245,795	2.2%	3,318,244
Sep	2,625,798	5.0%	2,756,077	3.4%	2,849,083	3.3%	2,943,992	3.7%	3,052,363	1.4%	3,095,976	-1.5%	3,049,060
Oct	2,811,961	6.0%	2,981,204	2.3%	3,050,326	2.5%	3,126,198	2.1%	3,190,790	2.9%	3,283,113	2.5%	3,366,053
Nov	2,683,992	0.8%	2,705,220	0.1%	2,708,576	6.6%	2,887,396	5.3%	3,039,565	1.4%	3,080,794	1.7%	3,132,066
Dec	2,631,739	2.6%	2,700,512	5.6%	2,851,897	6.1%	3,025,021	0.8%	3,048,451	-1.3%	3,008,307	-2.5%	2,931,685
Jan	2,636,071	-0.4%	2,625,428	4.2%	2,736,397	-2.6%	2,665,391	8.6%	2,894,435	0.9%	2,919,845	6.5%	3,110,522
Feb	2,566,164	-1.7%	2,522,110	-2.1%	2,469,324	17.4%	2,898,470	-0.2%	2,892,152	0.5%	2,905,426	1.0%	2,935,137
Mar	2,796,450	1.5%	2,838,483	6.4%	3,019,201	7.2%	3,235,731	2.6%	3,319,480	-1.2%	3,280,842	1.2%	3,321,721
Apr	2,867,609	1.3%	2,904,082	3.8%	3,013,069	4.3%	3,143,904	-0.6%	3,125,588	1.9%	3,185,294	1.7%	3,238,127
May	2,931,127	2.2%	2,996,824	2.6%	3,074,381	2.4%	3,148,539	4.6%	3,292,897	1.8%	3,351,264	1.4%	3,398,421
Jun	2,743,297	4.9%	2,878,786	5.9%	3,049,857	5.3%	3,210,539	1.6%	3,262,081	-0.4%	3,247,470	-0.9%	3,218,437
Total	32,842,238	2.2%	33,554,196	3.1%	34,579,728	5.1%	36,350,428	2.8%	37,354,162	0.9%	37,689,222	1.3%	38,172,792









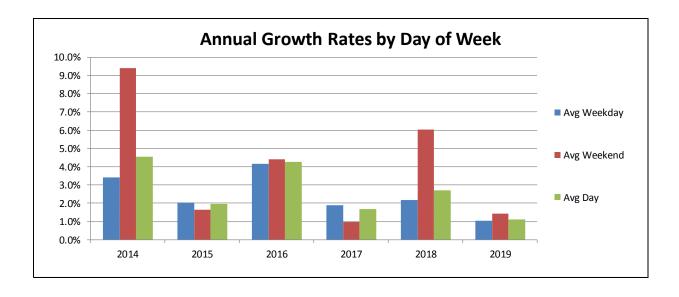
### 13.4 Downtown Expressway T&R Trends

Mon	Total 6 5.6% 6 4.4% 6 2.6% 6 9.5% 6 9.1% 6 9.1% 6 9.4% 6 5.6% 6 1.9% 6 1.9% 6 1.9%		Growth	Total 56,886 62,364 62,740	ISF 50	Violations	Non-Rev	ETC *		2013
Mon	Total 6 5.6% 6 4.4% 6 2.6% 6 9.5% 6 9.5% 6 9.1% 6 9.4% 6 5.46 7 Total 6 3.6% 6 1.9%	ETC 6.9% 5.7%		56,886 62,364 62,740	50					
Tue 15,636 43,967 456 2,251 54 62,344 Wed 15,977 43,966 405 2,335 57 62,740 Fri 17,885 42,809 391 2,447 63 63,595 Sat 13,486 18,307 186 1,663 42 33,674 Sun 10,608 15,192 151 1,332 30 27,311 Sat 13,486 18,307 186 1,463 42 33,674 Sun 10,608 15,192 151 1,332 30 27,311 Sat 14,965 35,563 334 2,086 51 52,999 Growth from pri 2014 Cash ETC* Non-Rev Violations 15F Total Cash 17 1,4961 14,961 42,564 503 2,011 49 60,078 3,3% 6,5 Tue 15,884 45,700 565 2,194 53 66,329 6,356 12,96 51 Fri 18,442 44,788 560 2,384 68 66,242 3,1% 41,567 20,250 265 1,1742 48 36,872 8,0% 10,1 43,90 keekedy 11,336 37,526 485 2,099 53 55,413 2,6% 5,34 2,00 keekedy 12,364 55,269 18,360 11,360 37,526 485 2,009 53 55,413 2,6% 5,34 2,00 keekedy 11,360 37,526 485 2,009 53 55,413 2,6% 5,34 2,00 keekedy 11,360 37,526 485 2,009 53 55,413 2,6% 5,34 2,00 keekedy 11,361 45,505 538 2,191 57 64,211 1,00% 44,40 Weekedy 15,360 37,526 485 2,009 53 55,413 2,6% 5,34 2,00 keekedy 15,462 48,621 14,567 20,250 265 1,1742 48 36,872 8,0% 10,1 49,0 keekedy 15,360 37,526 485 2,009 53 55,413 2,6% 5,34 2,00 keekedy 15,463 45,299 463 2,071 58 62,266 3,35 6,35 6,35 6,35 6,35 6,35 6,35 6,	Total 6 5.6% 6 4.4% 6 2.6% 6 9.5% 6 9.5% 6 9.1% 6 9.4% 6 5.46 7 Total 6 3.6% 6 1.9%	ETC 6.9% 5.7%		62,364 62,740				39.823	14.482	
Thu	Total 6 5.6% 6 4.4% 6 2.6% 6 9.5% 6 9.5% 6 9.1% 6 9.4% 6 5.46 7 Total 6 3.6% 6 1.9%	ETC 6.9% 5.7%				2,251				
Fri	Total 6 5.6% 6 4.4% 6 2.6% 6 9.5% 6 9.5% 6 9.1% 6 9.4% 6 5.46 7 Total 6 3.6% 6 1.9%	ETC 6.9% 5.7%		64,916						
Sat	Total 6 5.6% 6 4.4% 6 2.6% 6 9.5% 6 9.5% 6 9.1% 6 9.4% 6 5.46 7 Total 6 3.6% 6 1.9%	ETC 6.9% 5.7%		00 505						
Sun	Total 6 5.6% 6 4.4% 6 2.6% 6 9.5% 6 9.5% 6 9.1% 6 9.4% 6 5.46 7 Total 6 3.6% 6 1.9%	ETC 6.9% 5.7%				,				
Avg Weekady	Total 6 5.6% 6 4.4% 6 2.6% 6 9.5% 6 9.5% 6 9.1% 6 9.4% 6 5.46 7 Total 6 3.6% 6 1.9%	ETC 6.9% 5.7%		,						
Avg Day	Total 6 5.6% 6 4.4% 6 2.6% 6 9.5% 6 9.5% 6 9.1% 6 9.4% 6 5.46 7 Total 6 3.6% 6 1.9%	ETC 6.9% 5.7%								
Mon	Total 6 5.6% 6 4.4% 6 2.6% 6 9.5% 6 9.5% 6 9.1% 6 9.4% 6 5.46 7 Total 6 3.6% 6 1.9%	ETC 6.9% 5.7%								
Mon	6 5.6% 6 4.4% 6 2.6% 6 0.7% 6 9.5% 6 9.1% 6 9.4% 6 9.4% 6 Total 6 3.6% 6 1.9%	6.9% 5.7%	Cook	52,999					14,965	Avg Day
Tue 15,816 46,461 562 2,194 53 65,087 1,2% 5.  Wed 15,884 45,700 565 2,167 56 64,373 -0.6% 3.1  Thu 16,502 46,021 575 2,200 59 65,356 -1.6% 1.  Fri 18,442 44,788 560 2,384 68 66,242 3,1% 44,  Sat 14,567 20,250 265 1,742 48 36,872 8.0% 10.1  Sun 11,357 16,810 222 1,366 35 29,790 7.1% 10.1  Avg Weekday 16,316 45,095 553 2,191 57 64,211 1.0% 44,  Avg Weekday 11,536 37,526 465 2,009 53 55,413 2.6% 5.  Qu15 Cash ETC Non-Rev Violations ISF Total Cash ETC  Mon 14,435 45,229 463 2,071 58 66,340 4-1% 6.  Thu 15,162 48,445 538 2,131 64 66,340 4-1% 6.  Thu 15,478 47,391 548 2,213 66 65,698 6.  Sun 11,3808 21,498 267 1,747 56 37,376 6.2% 3.1  Sat 13,808 21,498 267 1,747 56 37,376 5.2% 6.  Sun 10,809 17,927 219 1,378 41 30,374 4.8% 6.1  Avg Weekday 15,561 47,171 534 2,187 65 65,502 4.8% 6.1  Avg Weekday 15,561 47,171 534 2,187 65 65,502 4.8% 6.1  Tue 15,166 36,560 593 2,187 69 69,802 1.00 6.  Sun 10,809 17,927 219 1,378 41 30,374 4.8% 6.1  Avg Weekday 15,561 47,171 534 2,187 65 65,502 4.8% 6.1  Avg Weekday 15,561 47,171 534 2,187 65 65,502 4.8% 6.1  Avg Weekday 15,561 47,171 534 2,187 65 65,502 4.7% 4.8% 6.1  Avg Weekend 12,308 19,713 243 1,562 49 33,875 5.0% 6.6  Avg Day 14,634 39,347 451 2,009 61 56,502 -1.7% 4.8% 6.1  Avg Weekend 12,308 19,713 243 1,562 49 33,875 5.0% 6.6  Fri 16,967 47,917 530 2,591 81 68,086 1.10% 7.1  Thu 15,167 51,571 578 2,421 72 69,817 -1.7% 6.3  Sun 10,587 19,375 236 1,571 45 31,813 2.1% 8.  Sat 13,537 23,052 275 1,996 65 38,925 2.0% 7.1  Avg Weekend 12,062 41,23 66 2,571 63 71,543 5.5 8.  Avg Weekend 12,062 21,214 256 1,583 55 33,369 2.0% 7.8% 51.  Fri 16,967 47,917 530 2,591 81 66,086 6.90 9.0 2.0% 7.1  Avg Weekend 12,062 21,214 256 1,571 45 31,813 2.1% 8.  Avg Weekend 12,062 21,214 256 1,571 45 31,813 2.1% 8.  Avg Weekend 12,062 21,214 256 1,571 45 31,813 2.1% 8.  Avg Weekend 12,062 21,214 256 1,571 63 71,545 69,890 -2.0% 7.6  Avg Weekend 12,063 47,273 464 2,231 67 58,911 1.14% 6.1  Avg Weekend 11,076 22,644 252 1,690 47 35,099 -3.0% 5.6  Avg Day 11,426 41,723 464 252 1,690 47 35,099 -3.0% 5.6	6 4.4% 6 2.6% 6 0.7% 6 4.2% 6 9.5% 6 9.1% 6 3.4% 6 3.4% 6 4.6% Total 6 3.6% 6 1.9%	5.7%								
Wed	6 2.6% 6 0.7% 6 4.2% 6 9.5% 6 9.1% 6 9.1% 6 9.4% 6 4.6% Total 6 3.6% 6 1.9%									
Thu	6 0.7% 6 4.2% 6 9.5% 6 9.1% 6 9.4% 6 4.6% Total 6 3.6% 6 1.9%	5.570						-, -		
Fri         18,442         44,788         560         2,384         68         66,242         3,1%         4,4           Sat         14,567         20,250         265         1,742         48         36,872         8,0%         10,0           Sun         11,357         16,810         222         1,366         35         29,790         7.1%         10.           Avg Weekday         16,316         45,095         553         2,191         57         64,211         1.0%         4.3           Avg Day         15,360         37,526         465         2,009         53         55,141         2.6%         5.0           Avg Day         15,360         37,526         465         2,009         53         55,141         2.6%         6.0           Mon         14,435         45,229         463         2,071         58         62,256         -3.5%         6.5           Tue         15,1437         48,613         593         2,145         66         66.833         -2.8%         6.           Thu         15,437         48,613         593         2,145         66         66.853         -2.8%         6.           Fri         17,301	6 4.2% 6 9.5% 6 9.1% 6 3.4% 6 9.4% 6 4.6% Total 6 3.6% 6 1.9%	1.7%		,				,		
Sat         14,567         20,250         265         1,742         48         36,872         8.0%         10.1           Sun         11,357         16,810         222         1,366         35         29,790         7.1%         10.1           Avg Weekady         16,316         45,095         553         2,191         57         64,211         1.0%         4.4           Avg Weekand         12,962         18,530         244         1,554         42         33,331         7.7%         10.1           Avg Day         15,360         37,526         465         2,009         53         55,413         2,0%         5.1           2015         Cash         ETC         Non-Rev         Violations         ISF         Total         Cash         ETC           Mon         14,435         45,229         463         2,071         58         62,256         -3.5%         6.6           Tue         15,162         48,445         538         2,131         64         66,340         -4.1%         4.2           Thu         15,478         47,391         548         2,213         66         65,698         -6.2%         3.1           Sat	6 9.1% 6 3.4% 6 9.4% 6 4.6% Total 6 3.6% 6 1.9%	4.6%								
Avg Weekday         16,316         45,095         553         2,191         57         64,211         1.0%         4.3           Avg Day         15,360         37,526         465         2,009         53         55,413         2,6%         5.5           2015         Cash         ETC*         Non-Rev         Violations         ISF         Total         Cash         ETC           Mon         14,435         45,229         463         2,071         58         62,256         -3,5%         6.3           Tue         15,162         48,445         538         2,131         64         66,340         -4.1%         4.1           Wed         15,437         48,613         593         2,145         66         66,853         -2.2%         6.2           Thu         15,478         47,391         548         2,213         66         66,683         -2.2%         3.3           Fri         17,301         46,154         529         2,373         73         66,429         -6.2%         3.1           Sun         10,809         17,927         219         1,378         41         30,374         -4.8%         6.1           Avg Weekday <th< td=""><td>6 3.4% 6 9.4% 6 4.6% Total 6 3.6% 6 1.9%</td><td>10.6%</td><td>8.0%</td><td>36,872</td><td>48</td><td>1,742</td><td>265</td><td>20,250</td><td>14,567</td><td>Sat</td></th<>	6 3.4% 6 9.4% 6 4.6% Total 6 3.6% 6 1.9%	10.6%	8.0%	36,872	48	1,742	265	20,250	14,567	Sat
Avg Weekend         12,962         18,530         244         1,554         42         33,331         7.7%         10.           Avg Day         15,360         37,526         465         2,009         53         55,413         2.6%         5.2           2015         Cash         ETC*         Non-Rev         Violations         ISF         Total         Cash         ETC           Mon         14,435         45,229         463         2,071         58         62,256         -3.5%         6.           Tue         15,162         48,445         538         2,131         64         66,340         -4.1%         4.           Wed         15,478         47,391         548         2,213         66         66,539         -6.2%         3.           Fri         17,301         46,154         529         2,373         73         66,429         -6.2%         3.           Sun         10,809         17,927         219         1,378         41         30,374         -4.8%         6.           Avg Weekday         15,561         47,171         534         2,187         65         65,519         -4.6%         4.           Avg Weekend         <	6 9.4% 6 4.6% Total 6 3.6% 6 1.9%	10.7%								
Avg Day         15,360         37,526         465         2,009         53         55,413         2.6%         5.5           2015         Cash         ETC * Non-Rev         Violations         ISF         Total         Cash         ETC           Mon         14,435         45,229         463         2,071         58         62,256         -3.5%         6.3           Tue         15,162         48,445         538         2,131         64         66,340         -4.1%         4.1%           Wed         15,437         48,613         593         2,145         66         66,853         -2.8%         6.2           Thu         15,478         47,391         548         2,213         66         65,698         -6.2%         3.1           Fri         17,301         46,154         529         2,2373         73         66,429         -6.2%         3.1           Sat         13,808         21,498         267         1,747         56         37,376         -5.2%         6.5           Sun         10,809         17,927         219         1,378         41         30,374         -4.8%         6.1           Avg Weekaday         15,561	4.6% Total 6 3.6% 6 1.9%	4.5%								
Mon	Total % 3.6% % 1.9%	10.7%								
Mon	6 3.6% 6 1.9%	5.5% FTC								
Tue 15,162 48,445 538 2,131 64 66,340 -4.1% 4.3 Wed 15,437 48,613 593 2,145 66 66,853 -2.8% 6.4 Thu 15,478 47,391 548 2,213 66 66,853 -2.8% 6.4 Fri 17,301 46,154 529 2,373 73 66,429 -6.2% 3.1 Sat 13,808 21,498 267 1,747 56 37,376 -5.2% 6.3 Sun 10,809 17,927 219 1,378 41 30,374 -4.8% 6.4 Avg Weekady 15,561 47,171 534 2,187 65 65,519 -4.6% 4.1 Avg Weekend 12,308 19,713 243 1,5562 49 33,875 -5.0% 6.4 Avg Day 14,634 39,347 451 2,009 61 56,502 -4.7% 4.8 Avg Day 14,634 39,347 451 2,009 61 56,502 -4.7% 4.9 Day 15,561 47,171 578 2,421 72 69,817 -1.7% 6.5 Tue 15,003 51,813 561 2,357 69 69,802 -1.0% 7.0 Wed 15,176 51,571 578 2,421 72 69,817 -1.7% 6.5 Thu 15,795 51,636 569 2,477 75 70,552 2.0% 9.0 Fri 16,967 47,917 530 2,591 81 68,086 -1.9% 3.1 Sat 13,537 23,052 275 1,996 65 38,925 -2.0% 7.1 Sun 10,587 19,375 236 1,571 45 31,813 -2.1% 8.2 Avg Weekady 15,364 49,863 547 2,409 72 68,255 -1.3% 5.1 Avg Weekady 15,364 49,863 547 2,409 72 68,255 -1.3% 5.1 Avg Weekady 15,364 49,863 547 2,409 72 68,255 -1.3% 5.1 Avg Weekady 15,364 49,863 547 2,409 72 68,255 -1.3% 5.1 Avg Weekady 15,364 49,863 547 2,409 72 68,255 -1.3% 5.1 Avg Weekady 15,364 49,863 547 2,409 72 68,255 -1.3% 5.1 Avg Weekady 15,364 49,863 547 2,409 72 68,255 -1.3% 5.1 Avg Weekady 15,364 49,863 547 2,409 72 68,255 -1.3% 5.1 Avg Weekady 15,364 49,863 547 2,409 72 68,255 -1.3% 5.1 Avg Weekady 15,364 49,863 547 2,409 72 68,255 -1.3% 5.1 Avg Weekady 15,364 49,863 547 2,409 72 68,255 -1.3% 5.1 Avg Weekady 15,364 49,863 547 2,409 72 68,255 -1.3% 5.1 Avg Weekady 14,426 41,723 464 2,231 67 58,911 -1.4% 6.0 Avg Weekady 14,426 41,723 464 2,231 67 58,911 -1.4% 6.0 Avg Weekady 14,426 41,723 464 2,231 67 58,911 -1.4% 6.0 Avg Weekady 14,426 41,723 464 2,231 67 58,911 -1.4% 6.0 Avg Weekady 14,426 41,723 464 2,231 67 58,911 -1.4% 6.0 Avg Weekady 14,426 41,723 464 2,231 67 58,911 -1.4% 6.0 Avg Weekady 14,426 41,723 464 2,231 67 58,911 -1.4% 6.0 Avg Weekady 14,219 52,238 536 2,482 62 69,538 -7.5% 4.4 Avg Weekady 14,219 52,238 536 2,482 62 69,538 -7.5% 4.4 Avg Weekady 14,219 52,238 536	6 1.9%	6.3%								
Wed         15,437         48,613         593         2,145         66         66,853         -2.8%         6.4           Thu         15,478         47,391         548         2,213         66         65,698         -6.2%         3.4           Fri         17,301         46,154         529         2,373         73         66,429         -6.2%         3.6           Sat         13,808         21,498         267         1,747         56         37,376         -5.2%         6.6           Sun         10,809         17,927         219         1,378         41         30,374         -4.8%         6.6           Avg Weekend         12,308         19,713         243         1,562         49         33,875         -5.0%         6.4           Avg Day         14,634         39,347         451         2,009         61         56,502         -4.7%         4.4           Avg Day         14,634         39,347         451         2,009         61         56,502         -4.7%         4.4           2016         Cash         ETC*         Non-Rev         Violations         ISF         Total         Cash         ETC           Mon         1		4.3%								
Fri         17,301         46,154         529         2,373         73         66,429         -6.2%         3.0           Sat         13,808         21,498         267         1,747         56         37,376         -5.2%         6.3           Sun         10,809         17,927         219         1,378         41         30,374         -4.8%         6.6           Avg Weekeday         15,561         47,171         534         2,187         65         65,519         -4.6%         4.4           Avg Weekend         12,308         19,713         243         1,562         49         33,875         -5.0%         6.4           Avg Day         14,634         39,347         451         2,009         61         56,502         -4.7%         4.9           2016         Cash         ETC*         Non-Rev         Violations         ISF         Total         Cash         ETC           Mon         13,874         46,315         498         2,196         62         62,945         -3.9%         2.2           Tue         15,003         51,813         561         2,357         69         69,802         -1.0%         7.0           Wed		6.4%		,						
Sat         13,808         21,498         267         1,747         56         37,376         -5.2%         6.3           Sun         10,809         17,927         219         1,378         41         30,374         -4.8%         6.4           Avg Weekday         15,561         47,171         534         2,187         65         65,519         -4.6%         4.1           Avg Weekend         12,308         19,713         243         1,562         49         33,875         -5.0%         6.1           Avg Day         14,634         39,347         451         2,009         61         56,502         -4.7%         4.9           2016         Cash         ETC*         Non-Rev         Violations         ISF         Total         Cash         ETC           Mon         13,874         46,315         498         2,196         62         62,945         -3.9%         2.2           Tue         15,003         51,813         561         2,357         69         69,802         -1.0%         7.1           Wed         15,176         51,571         578         2,421         72         69,817         -1.7%         6.5           Tri         <		3.0%				2,213		47,391		
Sun         10,809         17,927         219         1,378         41         30,374         -4.8%         6.0           Avg Weekday         15,561         47,171         534         2,187         65         65,519         -4.6%         4.0           Avg Weekend         12,308         19,713         243         1,562         49         33,875         -5.0%         6.4           Avg Day         14,634         39,347         451         2,009         61         56,502         -4.7%         4.9           2016         Cash         ETC*         Non-Rev         Violations         ISF         Total         Cash         ETC           Mon         13,874         46,315         498         2,196         62         62,945         -3.9%         2.2           Tue         15,003         51,813         561         2,357         69         69,802         -1.0%         7.0           Thu         15,795         51,636         569         2,477         75         70,552         2.0%         9.0           Fri         16,967         47,917         530         2,591         81         68,086         -1.9%         3.3           Sat <t< td=""><td>_</td><td>3.0%</td><td></td><td>,</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	_	3.0%		,						
Avg Weekday         15,561         47,171         534         2,187         65         65,519         -4.6%         4.4           Avg Day         12,308         19,713         243         1,562         49         33,875         -5.0%         6.4           Avg Day         14,634         39,347         451         2,009         61         56,502         -4.7%         4.3           2016         Cash         ETC*         Non-Rev         Violations         ISF         Total         Cash         ETC           Mon         13,874         46,315         498         2,196         62         62,945         -3.9%         2.4           Tue         15,003         51,813         561         2,357         69         69,802         -1.0%         7.0           Wed         15,176         51,571         578         2,421         72         69,817         -1.7%         6.           Thu         15,795         51,636         569         2,477         75         70,552         2.0%         9.0           Fri         16,967         47,917         530         2,591         81         68,086         -1.9%         3.1           Sun         10,		6.2%								
Avg Weekend         12,308         19,713         243         1,562         49         33,875         -5.0%         6.4           Avg Day         14,634         39,347         451         2,009         61         56,502         -4.7%         4.9           2016         Cash         ETC*         Non-Rev         Violations         ISF         Total         Cash         ETC           Mon         13,874         46,315         498         2,196         62         62,945         -3.9%         2.2           Tue         15,003         51,813         561         2,357         69         69,802         -1.0%         7.0           Wed         15,176         51,571         578         2,421         72         69,817         -1.7%         6.5           Thu         15,795         51,636         569         2,477         75         70,552         2.0%         9.0           Fri         16,967         47,917         530         2,591         81         68,086         -1.9%         3.3           Sat         13,537         23,052         275         1,996         65         38,925         -2.0%         7.2           Sun         10,587		6.6% 4.6%				,				
Avg Day         14,634         39,347         451         2,009         61         56,502         -4.7%         4.3           2016         Cash         ETC*         Non-Rev         Violations         ISF         Total         Cash         ETC           Mon         13,874         46,315         498         2,196         62         62,945         -3.9%         2.4           Tue         15,003         51,813         561         2,357         69         69,802         -1.0%         7.1           Wed         15,176         51,571         578         2,421         72         69,817         -1.7%         6.           Thu         15,795         51,636         569         2,477         75         70,552         2.0%         9.0           Fri         16,967         47,917         530         2,591         81         68,086         -1.9%         3.3           Sat         13,537         23,052         275         1,996         65         38,925         -2.0%         7.2           Sun         10,587         19,375         236         1,571         45         31,813         -2.1%         8.3           Avg Weekday         15,364<		6.4%								
2016		4.9%								
Mon         13,874         46,315         498         2,196         62         62,945         -3.9%         2.4           Tue         15,003         51,813         561         2,357         69         69,802         -1.0%         7.0           Wed         15,176         51,571         578         2,421         72         69,817         -1.7%         6.1           Thu         15,795         51,636         569         2,477         75         70,552         2.0%         9.0           Fri         16,967         47,917         530         2,591         81         68,086         -1.9%         3.3           Sat         13,537         23,052         275         1,996         65         38,925         -2.0%         7.2           Sun         10,587         19,375         236         1,571         45         31,813         -2.1%         8.           Avg Weekday         15,364         49,863         547         2,409         72         68,255         -1.3%         5.           Avg Weekend         12,062         21,214         256         1,783         55         35,369         -2.0%         7.4           Avg Weekend         1	Total	ETC					Non-Rev			
Wed         15,176         51,571         578         2,421         72         69,817         -1.7%         6.           Thu         15,795         51,636         569         2,477         75         70,552         2.0%         9.0           Fri         16,967         47,917         530         2,591         81         68,086         -1.9%         3.1           Sat         13,537         23,052         275         1,996         65         38,925         -2.0%         7.2           Sun         10,587         19,375         236         1,571         45         31,813         -2.1%         8.           Avg Weekday         15,364         49,863         547         2,409         72         68,255         -1.3%         5.           Avg Day         14,426         41,723         464         2,231         67         58,911         -1.4%         6.           Avg Day         14,426         41,723         464         2,231         67         58,911         -1.4%         6.           Avg Day         14,426         41,723         479         2,048         51         62,480         -9.0%         2.           Tu         13,703 <td></td> <td>2.4%</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		2.4%								
Thu         15,795         51,636         569         2,477         75         70,552         2.0%         9.0           Fri         16,967         47,917         530         2,591         81         68,086         -1.9%         3.3           Sat         13,537         23,052         275         1,996         65         38,925         -2.0%         7.2           Sun         10,587         19,375         236         1,571         45         31,813         -2.1%         8.           Avg Weekday         15,364         49,863         547         2,409         72         68,255         -1.3%         5.           Avg Weekend         12,062         21,214         256         1,783         55         35,369         -2.0%         7.4           Avg Day         14,426         41,723         464         2,231         67         58,911         -1.4%         6.0           2017         Cash         ETC*         Non-Rev         Violations         ISF         Total         Cash         ETC           Mon         12,630         47,273         479         2,048         51         62,480         -9.0%         2.           Tue         1		7.0%								
Fri         16,967         47,917         530         2,591         81         68,086         -1.9%         3.1           Sat         13,537         23,052         275         1,996         65         38,925         -2.0%         7.2           Sun         10,587         19,375         236         1,571         45         31,813         -2.1%         8.           Avg Weekday         15,364         49,863         547         2,409         72         68,255         -1,3%         5.           Avg Weekend         12,062         21,214         256         1,783         55         35,369         -2.0%         7.           Avg Day         14,426         41,723         464         2,231         67         58,911         -1.4%         6.           2017         Cash         ETC         Non-Rev         Violations         ISF         Total         Cash         ETC           Mon         12,630         47,273         479         2,048         51         62,480         -9.0%         2.           Tue         13,703         53,403         552         2,489         61         70,207         -8.7%         3.           Wed         14,1		6.1%								
Sat         13,537         23,052         275         1,996         65         38,925         -2.0%         7.2           Sun         10,587         19,375         236         1,571         45         31,813         -2.1%         8.3           Avg Weekday         15,364         49,863         547         2,409         72         68,255         -1.3%         5.5           Avg Weekend         12,062         21,214         256         1,783         55         35,369         -2.0%         7.4           Avg Day         14,426         41,723         464         2,231         67         58,911         -1.4%         6.0           2017         Cash         ETC *         Non-Rev         Violations         ISF         Total         Cash         ETC           Mon         12,630         47,273         479         2,048         51         62,480         -9.0%         2.2           Tue         13,703         53,403         552         2,489         61         70,207         -8.7%         3.           Wed         14,133         54,212         566         2,571         63         71,245         -6.9%         5.           Fri <t< td=""><td></td><td>9.0% 3.8%</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>		9.0% 3.8%								
Sun         10,587         19,375         236         1,571         45         31,813         -2.1%         8.           Avg Weekday         15,364         49,863         547         2,409         72         68,255         -1.3%         5.           Avg Weekend         12,062         21,214         256         1,783         55         35,369         -2.0%         7.           Avg Day         14,426         41,723         464         2,231         67         58,911         -1.4%         6.           2017         Cash         ETC*         Non-Rev         Violations         ISF         Total         Cash         ETC           Mon         12,630         47,273         479         2,048         51         62,480         -9.0%         2.           Tue         13,703         53,403         552         2,489         61         70,207         -8.7%         3.           Wed         14,133         54,212         566         2,571         63         71,545         -6.9%         5.           Thu         14,564         54,549         557         2,665         64         72,399         -7.8%         5.           Fri         16,03		7.2%								
Avg Weekend         12,062         21,214         256         1,783         55         35,369         -2.0%         7.4           Avg Day         14,426         41,723         464         2,231         67         58,911         -1.4%         6.4           2017         Cash         ETC*         Non-Rev         Violations         ISF         Total         Cash         ETC           Mon         12,630         47,273         479         2,048         51         62,480         -9.0%         2.5           Tue         13,703         53,403         552         2,489         61         70,207         -8.7%         3.           Wed         14,133         54,212         566         2,571         63         71,545         -6.9%         5.           Thu         14,564         54,549         557         2,665         64         72,399         -7.8%         5.           Fri         16,031         51,763         529         2,636         72         71,030         -5.5%         8.           Sat         12,450         24,658         269         1,988         55         39,419         -8.0%         7.           Sun         9,702		8.1%								
Avg Day         14,426         41,723         464         2,231         67         58,911         -1.4%         6.0           2017         Cash         ETC*         Non-Rev         Violations         ISF         Total         Cash         ETC           Mon         12,630         47,273         479         2,048         51         62,480         -9.0%         2.5           Tue         13,703         53,403         552         2,489         61         70,207         -8.7%         3.           Wed         14,133         54,212         566         2,571         63         71,545         -6.9%         5.           Thu         14,564         54,549         557         2,665         64         72,399         -7.8%         5.0           Fri         16,031         51,763         529         2,636         72         71,030         -5.5%         8.0           Sat         12,450         24,658         269         1,988         55         39,419         -8.0%         7.0           Sun         9,702         20,630         235         1,392         40         31,999         -8.4%         6.3           Avg Weekday         14,219 </td <td>6 4.2%</td> <td>5.7%</td> <td>-1.3%</td> <td>68,255</td> <td>72</td> <td>2,409</td> <td>547</td> <td>49,863</td> <td>15,364</td> <td>Avg Weekday</td>	6 4.2%	5.7%	-1.3%	68,255	72	2,409	547	49,863	15,364	Avg Weekday
2017         Cash         ETC *         Non-Rev         Violations         ISF         Total         Cash         ETC           Mon         12,630         47,273         479         2,048         51         62,480         -9.0%         2.           Tue         13,703         53,403         552         2,489         61         70,207         -8.7%         3.           Wed         14,133         54,212         566         2,571         63         71,545         -6.9%         5.           Thu         14,564         54,549         557         2,665         64         72,399         -7.8%         5.           Fri         16,031         51,763         529         2,636         72         71,030         -5.5%         8.           Sat         12,450         24,658         269         1,988         55         39,419         -8.0%         7.           Sug         9,702         20,630         235         1,392         40         31,999         -8.4%         6.           Avg Weekday         14,219         52,238         536         2,482         62         69,538         -7.5%         4.           Avg Weekend         11,076 <td></td> <td>7.6%</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		7.6%								
Mon         12,630         47,273         479         2,048         51         62,480         -9.0%         2.           Tue         13,703         53,403         552         2,489         61         70,207         -8.7%         3.           Wed         14,133         54,212         566         2,571         63         71,545         -6.9%         5.           Thu         14,564         54,549         557         2,665         64         72,399         -7.8%         5.           Fri         16,031         51,763         529         2,636         72         71,030         -5.5%         8.           Sat         12,450         24,658         269         1,988         55         39,419         -8.0%         7.           Sun         9,702         20,630         235         1,392         40         31,999         -8.4%         6.           Avg Weekday         14,219         52,238         536         2,482         62         69,538         -7.5%         4.           Avg Weekend         11,076         22,644         252         1,690         47         35,709         -8.2%         6.           Avg Day         13,324		6.0%								
Tue 13,703 53,403 552 2,489 61 70,207 -8.7% 3.  Wed 14,133 54,212 566 2,571 63 71,545 -6.9% 5.  Thu 14,564 54,549 557 2,665 64 72,399 -7.8% 5.  Fri 16,031 51,763 529 2,636 72 71,030 -5.5% 8.  Sat 12,450 24,658 269 1,988 55 39,419 -8.0% 7.  Sun 9,702 20,630 235 1,392 40 31,999 -8.4% 6.  Avg Weekday 14,219 52,238 536 2,482 62 69,538 -7.5% 4.  Avg Weekend 11,076 22,644 252 1,690 47 35,709 -8.2% 6.  Avg Day 13,324 43,806 455 2,257 58 59,899 -7.6% 5.	Total 6 -0.7%	2.1%								
Wed         14,133         54,212         566         2,571         63         71,545         -6.9%         5.           Thu         14,564         54,549         557         2,665         64         72,399         -7.8%         5.0           Fri         16,031         51,763         529         2,636         72         71,030         -5.5%         8.0           Sat         12,450         24,658         269         1,988         55         39,419         -8.0%         7.0           Sun         9,702         20,630         235         1,392         40         31,999         -8.4%         6.           Avg Weekday         14,219         52,238         536         2,482         62         69,538         -7.5%         4.4           Avg Weekend         11,076         22,644         252         1,690         47         35,709         -8.2%         6.           Avg Day         13,324         43,806         455         2,257         58         59,899         -7.6%         5.0		3.1%								
Thu 14,564 54,549 557 2,665 64 72,399 -7.8% 5.0 Fri 16,031 51,763 529 2,636 72 71,030 -5.5% 8.0 Sat 12,450 24,658 269 1,988 55 39,419 -8.0% 7.0 Sun 9,702 20,630 235 1,392 40 31,999 -8.4% 6.3 Avg Weekday 14,219 52,238 536 2,482 62 69,538 -7.5% 4.0 Avg Weekend 11,076 22,644 252 1,690 47 35,709 -8.2% 6.3 Avg Day 13,324 43,806 455 2,257 58 59,899 -7.6% 5.0		5.1%								
Sat         12,450         24,658         269         1,988         55         39,419         -8.0%         7.0           Sun         9,702         20,630         235         1,392         40         31,999         -8.4%         6.5           Avg Weekday         14,219         52,238         536         2,482         62         69,538         -7.5%         4.1           Avg Weekend         11,076         22,644         252         1,690         47         35,709         -8.2%         6.           Avg Day         13,324         43,806         455         2,257         58         59,899         -7.6%         5.0		5.6%			64					Thu
Sun         9,702         20,630         235         1,392         40         31,999         -8.4%         6.8           Avg Weekday         14,219         52,238         536         2,482         62         69,538         -7.5%         4.4           Avg Weekend         11,076         22,644         252         1,690         47         35,709         -8.2%         6.           Avg Day         13,324         43,806         455         2,257         58         59,899         -7.6%         5.0		8.0%	-5.5%	71,030	72	2,636	529	51,763	16,031	Fri
Avg Weekday         14,219         52,238         536         2,482         62         69,538         -7.5%         4.4           Avg Weekend         11,076         22,644         252         1,690         47         35,709         -8.2%         6.           Avg Day         13,324         43,806         455         2,257         58         59,899         -7.6%         5.0		7.0%								
Avg Weekend         11,076         22,644         252         1,690         47         35,709         -8.2%         6.           Avg Day         13,324         43,806         455         2,257         58         59,899         -7.6%         5.0		6.5%								
Avg Day 13,324 43,806 455 2,257 58 59,899 -7.6% 5.0		4.8% 6.7%								
		5.0%								
	Total	ETC	Cash	Total		Violations	Non-Rev	ETC *	Cash	2018
		5.6%								
		3.6%								
		2.8%								
		3.6% 5.5%								
		9.4%								
		8.0%								
Avg Weekday 13,220 54,423 506 2,889 54 71,092 -7.0% 4.3		4.2%	-7.0%	71,092	54		506		13,220	
		8.9%								
		4.7%								
		ETC 2.2%								
	Total	1.9%								
	Total 0.6%	1.6%								
	Total 6 0.6% 6 0.7%	2.9%								
Fri 13,845 56,219 499 3,760 63 74,386 -8.2% 2.9	Total 6 0.6% 6 0.7% 6 0.7%	2.9%	-8.2%	74,386	63	3,760	499		13,845	Fri
	Total 6 0.6% 6 0.7% 6 0.7% 6 1.6% 6 1.3%	6.6%								
	Total 6 0.6% 6 0.7% 6 0.7% 6 1.6% 6 1.3% 6 2.9%	3.0%								
	Total 6 0.6% 6 0.7% 6 0.7% 6 1.6% 6 1.3% 6 2.9% 6 0.1%		-7.6%							
Avg Day 11,471 47,085 422 3,169 48 62,196 -7.9% 2.1	Total 6 0.6% 6 0.7% 6 0.7% 6 1.6% 6 1.3% 6 2.9% 6 0.1% 6 1.0%	2.3% 4.7%	-B C0/	30,413						



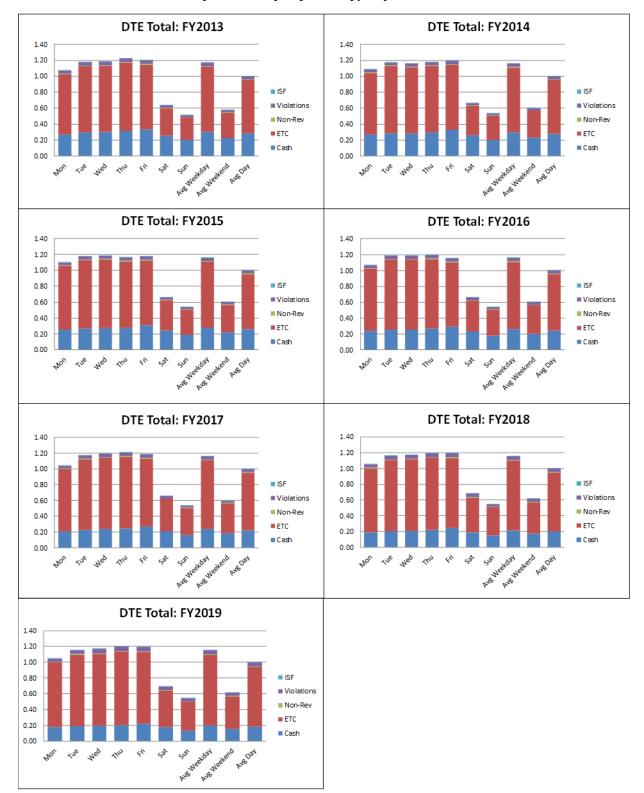
		DT	E Total: Hist	orical Traffic	by Paymen	t Type			
FY	Cash	ETC *	Non-Rev	Violations	ISF	Total	% ETC	% Cash	% Viol
2013	5,462,089	12,980,651	121,933	761,371	18,536	19,344,580	67.1%	28.2%	3.9%
2014	5,606,489	13,696,895	169,638	733,373	19,183	20,225,578	67.7%	27.7%	3.6%
2015	5,341,515	14,361,825	164,719	733,173	22,104	20,623,336	69.6%	25.9%	3.6%
2016	5,279,821	15,270,437	169,986	816,546	24,479	21,561,269	70.8%	24.5%	3.8%
2017	4,863,154	15,989,100	166,224	823,629	21,112	21,863,219	73.1%	22.2%	3.8%
2018	4,544,688	16,738,720	158,381	999,602	18,690	22,460,080	74.5%	20.2%	4.5%
2019	4,186,898	17,186,089	154,198	1,156,772	17,611	22,701,568	75.7%	18.4%	5.1%
			Growth				%	Point Grov	vth
2013 to 2014	2.6%	5.5%	39.1%	-3.7%	3.5%	4.6%	0.6%	-0.5%	-0.3%
2014 to 2015	-4.7%	4.9%	-2.9%	0.0%	15.2%	2.0%	1.9%	-1.8%	-0.1%
2015 to 2016	-1.2%	6.3%	3.2%	11.4%	10.7%	4.5%	1.2%	-1.4%	0.2%
2016 to 2017	-7.9%	4.7%	-2.2%	0.9%	-13.8%	1.4%	2.3%	-2.2%	0.0%
2017 to 2018	-6.5%	4.7%	-4.7%	21.4%	-11.5%	2.7%	1.4%	-2.0%	0.7%
2018 to 2019	-7.9%	2.7%	-2.6%	15.7%	-5.8%	1.1%	1.2%	-1.8%	0.6%

<sup>\*</sup> ETC transactions are reporting only paid E-ZPass transactions and not non-rev or violation transactions that are from E-ZPass

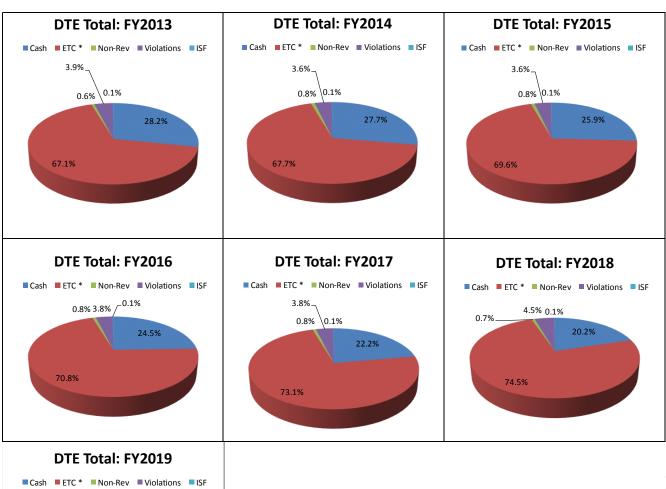


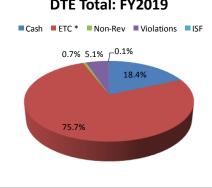


#### Day of Week by Payment Type by Fiscal Year







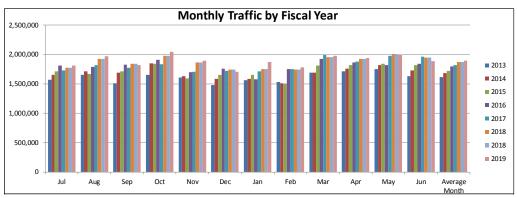


<sup>\*</sup> ETC transactions are reporting only paid E-ZPass transactions and not non-rev or violation transactions that are from E-ZPass



Month					DTE T	otal: Historical T	raffic by Month	and Fiscal Year					
IVIOTILIT	2013	Growth	2014	Growth	2015	Growth	2016	Growth	2017	Growth	2018	Growth	2019
Jul	1,572,616	5.2%	1,653,976	3.5%	1,712,509	5.8%	1,811,358	-4.5%	1,730,554	2.5%	1,774,136	2.1%	1,811,692
Aug	1,655,141	3.6%	1,714,111	-2.6%	1,669,792	6.9%	1,785,443	1.9%	1,819,540	5.6%	1,922,146	2.5%	1,971,044
Sep	1,511,453	11.9%	1,691,708	1.3%	1,713,906	6.6%	1,827,435	-2.7%	1,777,660	3.8%	1,844,861	-1.5%	1,816,552
Oct	1,650,154	12.3%	1,852,799	-0.8%	1,838,214	3.9%	1,909,895	-4.0%	1,834,337	7.7%	1,976,151	3.5%	2,045,360
Nov	1,605,071	1.7%	1,632,199	-2.4%	1,593,145	6.6%	1,699,005	0.6%	1,709,346	8.9%	1,860,876	1.7%	1,892,018
Dec	1,477,539	7.3%	1,585,006	4.4%	1,654,865	6.1%	1,755,379	-1.8%	1,723,314	1.1%	1,742,396	-2.2%	1,704,638
Jan	1,565,613	1.4%	1,587,933	3.9%	1,650,396	-4.6%	1,574,408	8.6%	1,709,894	2.3%	1,749,093	7.0%	1,871,543
Feb	1,529,483	-1.2%	1,511,850	-0.8%	1,499,449	16.8%	1,751,598	-0.2%	1,748,543	-0.2%	1,745,589	1.9%	1,779,277
Mar	1,687,781	0.2%	1,691,150	7.0%	1,809,483	6.4%	1,925,773	3.4%	1,992,116	-1.9%	1,954,689	1.4%	1,981,208
Apr	1,709,898	2.9%	1,758,946	3.4%	1,819,566	2.4%	1,862,466	1.0%	1,881,229	2.2%	1,923,308	1.0%	1,942,146
May	1,751,793	3.8%	1,818,381	1.2%	1,840,747	-1.2%	1,817,800	8.7%	1,975,403	2.0%	2,015,791	-0.7%	2,001,785
Jun	1,628,038	6.1%	1,727,519	5.4%	1,821,264	1.1%	1,840,709	6.6%	1,961,283	-0.5%	1,951,045	-3.4%	1,884,305
Total	19,344,580	4.6%	20,225,578	2.0%	20,623,336	4.5%	21,561,269	1.4%	21,863,219	2.7%	22,460,080	1.1%	22,701,568









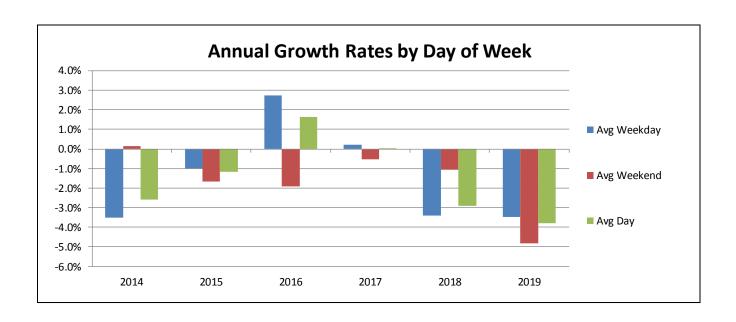
### 13.5 Boulevard Bridge T&R Trends

		Bridge Trans		Daymont Tyr	o by Day of	Week for FY2	0013 to EV2	010	
2013	Cash	ETC *	Non-Rev	Violations	ISF	Total	013 to F12	019	
Mon	7,741	4,118	36	128	11	12,035			
Tue	8,054	4,488	49	145	13	12,749			
Wed	8,279	4,528	42	149	14	13,013			
Thu	8,358	4,573	45	122	15	13,113			
Fri	8,896	4,634	44	149	15	13,738			
Sat	7,262	3,870	30	111	9	11,282			
Sun Avg Weekday	5,763 8,266	3,131 4,468	26 43	89 139	7 14	9,017 12,929			
Avg Weekday  Avg Weekend	6,505	3,497	28	100	8	10,139			
Avg Day	7,759	4,189	39	127	12	12,127	Growth	from previo	us FY
2014	Cash	ETC *	Non-Rev	Violations	ISF	Total	Cash	ETC	Total
Mon	7,491	4,044	76	107	9	11,727	-3.2%	-1.8%	-2.6%
Tue	7,771	4,396	88	137	11	12,402	-3.5%	-2.0%	-2.7%
Wed	7,688	4,386	86	119	11	12,291	-7.1%	-3.1%	-5.6%
Thu	7,852	4,369	92	118	11	12,442	-6.1%	-4.5%	-5.1%
Fri	8,696	4,586	91	150	11	13,534	-2.2%	-1.0%	-1.5%
Sat	7,187	3,886	60	116	6	11,256	-1.0%	0.4%	-0.2%
Sun	5,749	3,149	55	93	6	9,052	-0.2%	0.5%	0.4%
Avg Weekday Avg Weekend	7,898 6,468	4,355 3,517	87 58	126 105	11 6	12,476 10,154	-4.4% -0.6%	-2.5% 0.6%	-3.5% 0.1%
Avg Day	7,491	4,116	78	120	9	11,815	-3.5%	-1.7%	-2.6%
2015	Cash	ETC *	Non-Rev	Violations	ISF	Total	Cash	ETC	Total
Mon	7,336	4,323	79	153	10	11,901	-2.1%	6.9%	1.5%
Tue	7,512	4,569	96	160	11	12,347	-3.3%	3.9%	-0.4%
Wed	7,527	4,618	103	146	11	12,405	-2.1%	5.3%	0.9%
Thu	7,364	4,471	93	147	11	12,087	-6.2%	2.4%	-2.9%
Fri	8,083	4,668	93	169	11	13,024	-7.0%	1.8%	-3.8%
Sat	6,777	3,999	63	140	7	10,985	-5.7%	2.9%	-2.4%
Sun	5,513	3,278	55	130	6	8,982	-4.1%	4.1%	-0.8%
Avg Weekday	7,564	4,530	93	155	11	12,353	-4.2%	4.0%	-1.0%
Avg Weekend Avg Day	6,145 7,160	3,638 4,276	59 83	135 149	7 10	9,984 11,678	-5.0% -4.4%	3.4%	-1.7% -1.2%
2016	Cash	ETC *	Non-Rev	Violations	ISF	Total	Cash	ETC	Total
Mon	7,052	4,471	78	117	9	11,726	-3.9%	3.4%	-1.5%
Tue	7,531	4,951	89	130	10	12,711	0.3%	8.4%	2.9%
Wed	7,629	5,027	96	128	10	12,891	1.4%	8.9%	3.9%
Thu	7,719	5,046	89	127	10	12,990	4.8%	12.8%	7.5%
Fri	7,967	4,916	86	143	11	13,123	-1.4%	5.3%	0.8%
Sat	6,440	4,110	61	123	6	10,741	-5.0%	2.8%	-2.2%
Sun	5,249	3,429	56	102	6	8,843	-4.8%	4.6%	-1.6%
Avg Weekday	7,580	4,883	88	129	10	12,690	0.2%	7.8%	2.7%
Avg Weekend	5,845 7,087	3,770	59 80	113 124	6	9,792	-4.9% -1.0%	3.6%	-1.9%
Avg Day 2017	Cash	4,567 ETC *	Non-Rev	Violations	ISF	11,867 Total	Cash	6.8% ETC	1.6% Total
Mon	6,642	4,678	75	192	5	11,593	-5.8%	4.6%	-1.1%
Tue	7,135	5,294	87	216	6	12,737	-5.3%	6.9%	0.2%
Wed	7,206	5,342	94	219	6	12,867	-5.5%	6.3%	-0.2%
Thu	7,262	5,383	89	213	6	12,953	-5.9%	6.7%	-0.3%
Fri	7,718	5,380	86	240	6	13,430	-3.1%	9.4%	2.3%
Sat	6,090	4,371	62	217	5	10,744	-5.4%	6.3%	0.0%
Sun	4,885	3,601	55	194	3	8,737	-6.9%	5.0%	-1.2%
Avg Weekday	7,195	5,216	86	216	6	12,719	-5.1%	6.8%	0.2%
Avg Weekend	5,487	3,986	58	206	4	9,741	-6.1%	5.7%	-0.5%
Avg Day 2018	6,708 Cash	4,865 ETC *	78 Non-Rev	Violations	ISF	11,870 Total	-5.3% Cash	6.5% ETC	0.0% Total
Mon	6,148	4,955	77	210	5	11,394	-7.4%	5.9%	-1.7%
Tue	6,511	5,485	88	262	5	12,351	-8.7%	3.6%	-3.0%
Wed	6,449	5,472	92	233	5	12,251	-10.5%	2.4%	-4.8%
Thu	6,600	5,546	91	230	5	12,472	-9.1%	3.0%	-3.7%
Fri	7,008	5,586	89	271	5	12,958	-9.2%	3.8%	-3.5%
Sat	5,598	4,627	61	307	4	10,598	-8.1%	5.9%	-1.4%
Sun	4,510	3,854	53	238	3	8,659	-7.7%	7.0%	-0.9%
Avg Weekday	6,543	5,409	87	241	5	12,285	-9.1%	3.7%	-3.4%
Avg Weekend	5,059	4,244	57	273	4	9,637	-7.8%	6.5%	-1.1%
Avg Day	6,116	5,074	Non Day	250	5	11,523	-8.8%	4.3%	-2.9%
2019 Mon	Cash 5,512	ETC * 4,959	Non-Rev 69	Violations 285	ISF 4	Total 10,829	-10.3%	ETC 0.1%	Total -5.0%
Tue	5,512	5,450	83	285	5	11,665	-10.3%	-0.7%	-5.0% -5.6%
Wed	6,027	5,656	87	272	5	12,047	-6.6%	3.4%	-1.7%
Thu	6,154	5,670	89	274	6	12,047	-6.8%	2.2%	-2.2%
Fri	6,433	5,707	83	337	5	12,566	-8.2%	2.2%	-3.0%
Sat	5,080	4,667	59	309	4	10,120	-9.3%	0.9%	-4.5%
Sun	4,087	3,825	50	278	3	8,244	-9.4%	-0.8%	-4.8%
		5,488	82	291	5	11,860	-8.4%	1.5%	-3.5%
Avg Weekday	5,994								
Avg Weekday Avg Weekend Avg Day	5,994 4,579 5,587	4,242 5,130	54 74	294 292	4 5	9,173 11,087	-9.5% -8.7%	-0.1% 1.1%	-4.8% -3.8%



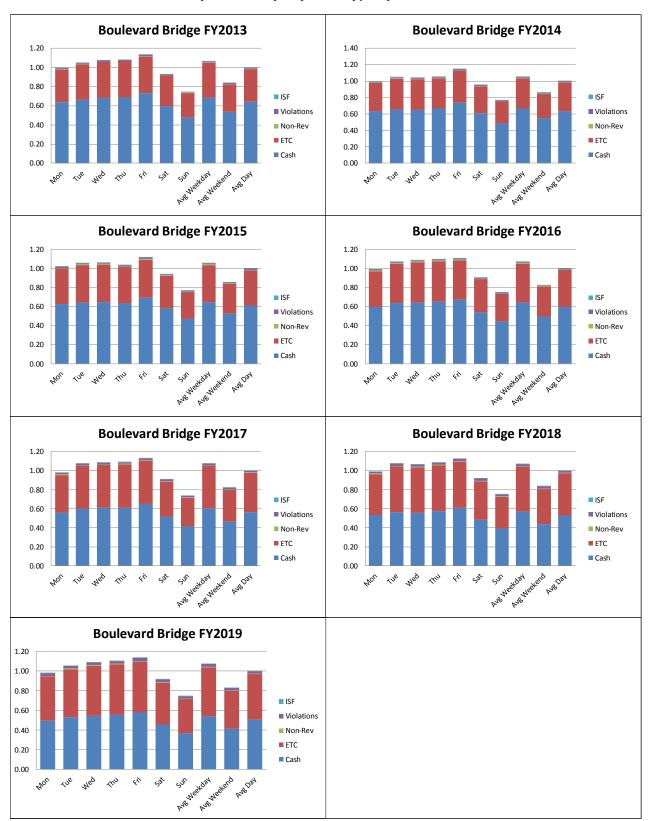
		Boule	vard Bridge	Historical Tr	affic by Payı	ment Type			
FY	Cash	ETC *	Non-Rev	Violations	ISF	Total	% ETC	% Cash	% Viol
2013	2,832,186	1,528,890	14,210	46,501	4,438	4,426,225	34.5%	64.0%	1.1%
2014	2,734,078	1,502,444	28,618	43,776	3,402	4,312,318	34.8%	63.4%	1.0%
2015	2,613,348	1,560,671	30,301	54,463	3,583	4,262,366	36.6%	61.3%	1.3%
2016	2,593,874	1,671,509	29,125	45,502	3,162	4,343,172	38.5%	59.7%	1.0%
2017	2,448,463	1,775,884	28,598	77,790	1,905	4,332,640	41.0%	56.5%	1.8%
2018	2,232,408	1,851,916	28,722	91,339	1,692	4,206,077	44.0%	53.1%	2.2%
2019	2,039,128	1,872,328	27,107	106,457	1,728	4,046,748	46.3%	50.4%	2.6%
			Growth				%	Point Grov	/th
2013 to 2014	-3.5%	-1.7%	101.4%	-5.9%	-23.3%	-2.6%	0.3%	-0.6%	0.0%
2014 to 2015	-4.4%	3.9%	5.9%	24.4%	5.3%	-1.2%	1.8%	-2.1%	0.3%
2015 to 2016	-0.7%	7.1%	-3.9%	-16.5%	-11.7%	1.9%	1.9%	-1.6%	-0.2%
2016 to 2017	-5.6%	6.2%	-1.8%	71.0%	-39.8%	-0.2%	2.5%	-3.2%	0.7%
2017 to 2018	-8.8%	4.3%	0.4%	17.4%	-11.2%	-2.9%	3.0%	-3.4%	0.4%
2018 to 2019	-8.7%	1.1%	-5.6%	16.6%	2.1%	-3.8%	2.2%	-2.7%	0.5%

<sup>\*</sup> ETC transactions are reporting only paid E-ZPass transactions and not non-rev or violation transactions that are from E-ZPass





#### Day of Week by Payment Type by Fiscal Year





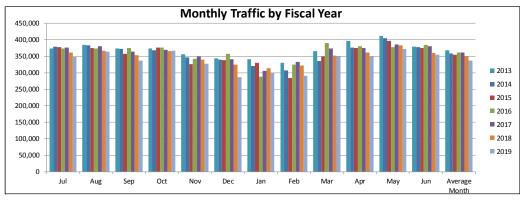


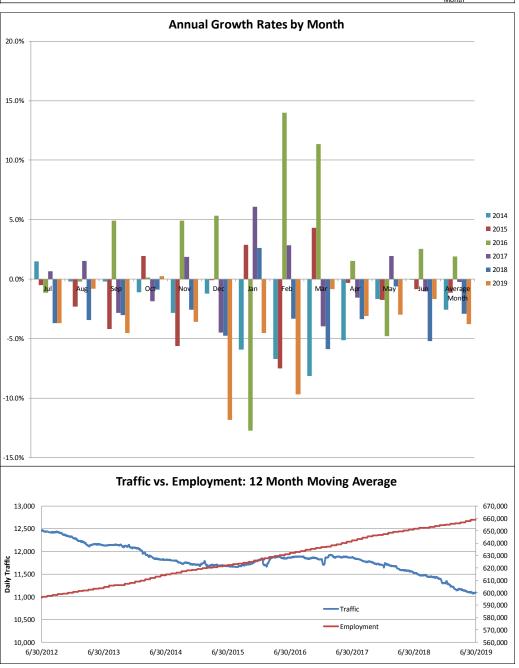
<sup>\*</sup> ETC transactions are reporting only paid E-ZPass transactions and not non-rev or violation transactions that are from E-ZPass



Month					Bouleva	ard Bridge Histo	rical Traffic by N	Nonth and Fiscal	Year				
IVIOTIUT	2013	Growth	2014	Growth	2015	Growth	2016	Growth	2017	Growth	2018	Growth	2019
Jul	374,084	1.5%	379,698	-0.5%	377,763	-1.1%	373,467	0.6%	375,892	-3.7%	361,908	-3.7%	348,461
Aug	384,532	-0.2%	383,673	-2.3%	374,833	-0.2%	374,114	1.5%	379,795	-3.5%	366,663	-0.8%	363,736
Sep	373,439	-0.2%	372,729	-4.2%	357,156	4.9%	374,650	-2.8%	364,004	-3.0%	352,923	-4.5%	336,945
Oct	373,006	-1.1%	368,857	1.9%	375,948	0.1%	376,452	-1.9%	369,404	-0.9%	366,152	0.2%	367,065
Nov	356,260	-2.8%	346,175	-5.6%	326,653	4.9%	342,743	1.9%	349,129	-2.6%	340,101	-3.6%	327,930
Dec	343,295	-1.2%	339,065	-0.1%	338,792	5.3%	356,815	-4.5%	340,830	-4.7%	324,644	-11.8%	286,206
Jan	340,968	-5.9%	320,806	2.9%	330,029	-12.7%	288,039	6.1%	305,582	2.6%	313,563	-4.5%	299,313
Feb	329,645	-6.7%	307,558	-7.5%	284,455	14.0%	324,274	2.8%	333,514	-3.3%	322,468	-9.7%	291,198
Mar	365,034	-8.2%	335,229	4.3%	349,700	11.4%	389,411	-4.0%	373,905	-5.9%	351,935	-0.9%	348,930
Apr	396,410	-5.1%	376,076	-0.3%	374,849	1.5%	380,529	-1.6%	374,606	-3.4%	361,922	-3.1%	350,689
May	411,129	-1.7%	404,268	-1.7%	397,262	-4.8%	378,198	1.9%	385,527	-0.6%	383,125	-3.0%	371,617
Jun	378,423	-0.1%	378,184	-0.9%	374,926	2.5%	384,480	-1.0%	380,452	-5.2%	360,673	-1.7%	354,658
Total	4,426,225	-2.6%	4,312,318	-1.2%	4,262,366	1.9%	4,343,172	-0.2%	4,332,640	-2.9%	4,206,077	-3.8%	4,046,748









#### 14. Limits and Disclaimers

It is Jacobs' opinion that the traffic and gross toll revenue forecasts provided herein are reasonable and that they have been prepared in accordance with accepted industry-wide practice. However, given the uncertainties in any forecast, it is important to note the following assumptions which, in our opinion, are reasonable:

- This report presents the results of Jacobs' consideration of the information available as of the date hereof and the application of our experience and professional judgment to that information. It is not a guarantee of any future events or trends.
- The traffic and gross toll revenue forecasts will be subject to future economic and social conditions, demographic developments and regional transportation construction activities that cannot be predicted with certainty.
- The forecasts contained in this report, while presented with numeric specificity, are based on a number of estimates and assumptions which, though considered reasonable to us, are inherently subject to economic and competitive uncertainties and contingencies, most of which are beyond the control of an operating agency and cannot be predicted with certainty. In many instances, a broad range of alternative assumptions could be considered reasonable. Changes in the assumptions used could result in material differences in estimated outcomes.
- Jacobs' traffic and gross toll revenue forecasts only represent our best judgment and we do not warrant
  or represent that the actual gross toll revenues will not vary from our forecasts.
- We do not express any opinion on the following items: socioeconomic and demographic forecasts, proposed land use development projects and potential improvements to the regional transportation network.
- No other competing projects, tolled or non-tolled are assumed to be constructed or significantly improved
  in the project corridor during the project period, as to negatively impact these projects' toll traffic, except
  those identified within this report.
- Major highway improvements that are currently underway or fully funded will be completed as planned.
- The system will be well maintained, efficiently operated, and effectively signed to encourage maximum usage.
- No reduced growth initiatives or related controls that would significantly inhibit normal development patterns will be introduced during the estimate period.
- There will be no future serious protracted recession during the estimate period.
- There will be no protracted fuel shortage during the estimate period.
- No local, regional, or national emergency will arise that will abnormally restrict the use of motor vehicles.

In Jacobs' opinion, the assumptions underlying the study provide a reasonable basis for the analysis. However, any financial projection is subject to uncertainties. Inevitably, some assumptions used to develop the projections will not be realized, and unanticipated events and circumstances may occur. There are likely to be differences between the projections and actual results, and those differences may be material. Because of these uncertainties, Jacobs makes no guaranty or warranty with respect to the projections in this Study.



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