

2019 Traffic Engineering Report Year 2020 Toll Bridge Traffic Volume and Revenue Projections

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Executive Summary

The Delaware River Joint Toll Bridge Commission (Commission) owns and operates a total of twenty (20) bridges over the Delaware River within roughly 140 miles extending from the Philadelphia-Bucks County line north to the New Jersey/New York state border. Pennoni Associates Inc. (Pennoni) has been retained by the Commission to develop traffic volume and revenue forecasts for eight (8) toll bridges under its jurisdiction. The traffic and revenue forecasts are provided to assist the Commission in determining if the projected 2020 revenues will be enough to satisfy the conditions of the Current Bond Indenture, which requires under Section 501 (a) the following:

Section 501(a) of the Commission's Bond Indenture states "The Commission covenants that at all times it will establish and maintain a schedule of tolls for vehicular traffic over the system, and will collect tolls, so that the Net Revenues in each fiscal year will at all times be at least sufficient to provide funds in an amount not less than (1) the greater of: (i) one hundred thirty percent (130%) of the Annual Debt Service for such fiscal year on account of all Applicable Long-Term Indebtedness then outstanding under the provisions of this Indenture, or (ii) one hundred percent (100%) of the Maximum Annual Debt Service on all Applicable Long-Term Indebtedness, plus (A) the amount of required transfers from the Revenue Fund to the credit of the Reserve Maintenance Fund pursuant to the Annual Capital Budget, and (B) an amount sufficient to restore any deficiency in the Debt Service Reserve Fund within an eighteen (18) month period; plus (2) the amount of any Short-Term Indebtedness outstanding pursuant to Section 703(a)(2); plus (3) the amount of Net Revenues in excess of the sum of the amounts set forth in clauses (1) and (2), together with Other Revenues pledged to the payment of Subordinated Indebtedness, shall be sufficient to pay the Annual Debt Service for any Subordinated Indebtedness."

The Commission has adopted a resolution to maintain a minimum Debt Service Coverage Ratio of 1.50.

In preparing traffic volume forecasts for the eight (8) toll bridges, the following factors were considered:

- General background growth and decline trends for vehicle classifications at each bridge
- New planned development projects that could add traffic to the tolled bridges
- Roadway construction projects that could divert motorists from their regular routes
- Adjustments for the 2020 leap year
- Diversions to the Trenton-Morrisville Toll Bridge due to the implementation of toll collection on the Scudder Falls Bridge (I-295)

Future background growth and decline rates for each of the eight (8) toll bridges were determined through a trend-line analysis of the historical classification data.

Projected gross toll revenues for the eight (8) toll bridges are calculated using the traffic volume forecasts and "average" toll rates for each of the bridges, which account for E-ZPass discounts for frequent passenger car travel and off-peak truck crossings.

The forecast toll volumes and revenue at each of the 8 (eight) toll bridges are summarized in **Table ES-1**.

Table ES-1: 2020 Toll Volume and Revenue Forecasts

Bridge	2020 Toll Volume Forecast	2020 Revenue Forecast
Trenton-Morrisville	10,150,442	\$19,408,959.39
Scudder Falls (I-295)	8,426,962	\$16,851,685.16
New Hope-Lambertville	1,920,137	\$3,312,740.36
Interstate 78	11,959,313	\$66,538,658.67
Easton-Phillipsburg	5,492,702	\$9,366,451.73
Portland-Columbia	1,359,009	\$3,028,977.01
Delaware Water Gap(I-80)	9,584,137	\$34,610,999.75
Milford-Montague	1,247,990	1,656,816.00
Total	50,140,692	\$ 154,775,288.07

The sum of year 2020 projected toll bridge revenues is \$154,775,288.07 the projected Net Revenue is \$90,699,760.54 and the Annual Debt Service is \$49,012,876.00. Comparing the projected Net Revenue to the Annual Debt Service, the projected Net Revenue is 185% of the Annual Debt Service (Debt Service Coverage Ratio of 1.85). The requirement that the Net Revenue for the preceding fiscal year be greater than 130% of the Annual Debt Service is met. The Commission's resolution to maintain a minimum Debt Service Coverage Ratio of 1.50 is also met.

Introduction

Pennoni has been retained by the Commission to develop traffic volume and revenue forecasts for eight (8) toll bridges under its jurisdiction. The traffic and revenue forecasts are provided to assist the Commission in determining if the projected 2020 revenues will be enough to satisfy the conditions of Section 501 (a) of the Current Bond Indenture.

The Commission owns and operates a total of twenty (20) bridges over the Delaware River within roughly 140 miles extending from the Philadelphia-Bucks County line north to the New Jersey/New York state border. The eight (8) toll bridges, ten (10) toll-supported vehicular bridges and two (2) toll-supported pedestrian bridges under the jurisdiction of the Commission are listed below from south to north.

Table 1: Bridges Owned and Operated by the Delaware River Joint Toll Bridge Commission

TOLL BRIDGES	TOLL-SUPPORTED BRIDGES
Southern Region	
Trenton-Morrisville (U.S. Route 1)	Lower Trenton
Scudder Falls (Interstate 295) *	Calhoun Street
New Hope-Lambertville (U.S. Route 202)	Washington Crossing
	New Hope-Lambertville (Route 179)
	Centre Bridge-Stockton
	Lumberville-Raven Rock (Pedestrian Only)
Central Region	
Interstate 78	Uhlerstown-Frenchtown
Easton-Phillipsburg (U.S. Route 22)	Upper Black Eddy-Milford
	Riegelsville
	Northampton Street
	Riverton-Belvidere
Northern Region	
Portland-Columbia	Portland-Columbia (Pedestrian Only)
Delaware Water Gap (Interstate 80)	
Milford-Montague	

* The conversion of the Scudder Falls Bridge (I-295) from a toll-supported facility to a tolled facility using All Electronic Toll Collection (AET) technology on the Scudder Falls Bridge began on July 14, 2019.

The locations of the Commission bridges are illustrated in **Figure 1**.



Figure 1: DRTJBC Bridge Locations

Historical Traffic Volumes

The Commission provided historical traffic volumes for the ten (10) toll-supported bridges carrying vehicular traffic and the eight (8) toll bridges. Toll bridge volumes for the years 2003 to 2019 were used in this study. Scudder Falls (Interstate 295) was a toll-supported bridge from January 1 to July 13, 2019 and a toll bridge from July 14 through December 31, 2019.

Recorded traffic volumes crossing the toll-supported bridges (both directions) are summarized in **Table A-1** within **Appendix A. Tables A-2 through A-18** summarize toll-supported bridge volumes (both directions) by year and month. Where volume data was not available, traffic volumes were estimated and are shown in red. All toll-supported bridges with the exception on the Scudder Falls Bridge and the Upper Black Eddy-Milford Bridge have weight restrictions prohibiting large trucks.

The Lower Trenton, Calhoun Street, New Hope-Lambertville and Northampton Street Toll-supported Bridges carried between 4.5 and 6.2 million vehicles in 2019. The remaining toll-supported bridges generally carried from 1.1 to 2.6 million vehicles in 2019. The table reports bridge volumes for the Scudder Falls bridge prior to the implementation of tolling.

At the toll-supported bridges, there are fluctuations in volumes from year to year. The 2019 total volume on toll-supported bridges increased on six of the ten bridges, and 1.5% overall, in the past year. The Uhlerstown-Frenchtown Toll-supported Bridge experienced an increase of 12.0%, while the Northampton Street Toll-supported Bridge experienced a decrease of 1.68% over the past year. The average growth rate for the last five (5) years at the individual toll-supported bridges ranges from +6.5% per year to -3.9% per year.

Between 2012 and 2017, the westbound Scudder Falls Bridge volumes increased from 11,311,046 to 11,616,472 for an average annual growth rate of 0.53%. Westbound Scudder Falls Bridge volumes decreased 6.3%, from 11,616,472 in 2017 to 10,932,543 in 2018. The decrease in volumes was consistent with anticipated loss due to completion of the southbound flyover connecting I-95 southbound and I-276 westbound at the I-95/Pennsylvania Turnpike Interchange and identified diversions of traffic to avoid construction. The Scudder Falls Bridge was a toll-supported bridge from January 1 – July 13, 2019. In that time, the Scudder Falls Bridge carried approximately 9.7 million vehicles.

Upon the tolling of the Scudder Falls Bridge on July 14, 2019, the adjacent Lower Trenton, Calhoun Street, and Washington Crossing Bridges experienced a combined increase in westbound traffic of approximately 5.8%.

Historical recorded toll traffic volumes for the eight toll bridges (westbound direction) are summarized by vehicular class in **Tables A-19 through A-35** within **Appendix A**.

Between 2003 and 2019, traffic volumes on the seven (7) legacy toll bridges increased from 34,007,789 in 2003 to 41,008,029 in 2019. This represents a combined average growth rate (CAGR) of 1.2% per year over the past 16 years. Passenger cars represent approximately 85% of the overall traffic volume and have increased from 29,105,960 in 2003 to 35,004,774 in 2019, a CAGR of 1.2% per year. Trucks have increased from 4,901,829 in 2003 to 6,003,255 in 2019, an average growth rate of 1.3% per year.

Toll traffic on the toll bridges (Scudder Falls exempt) experienced a CAGR of 0.5% per year from 2014 to 2019. From 2014 to 2019, Trenton-Morrisville experienced the largest growth with a CAGR of 1.2%, followed by Portland-Columbia with a CAGR of 0.8%. The I-78, Easton-Phillipsburg, and Delaware Water Gap experienced CAGR between 0.2% and 0.8% from 2014 to 2019. The growth within this period was flat at Milford-Montague and -0.1% CAGR at New-Hope Lambertville.

The 2019 toll volume data for the seven (7) legacy toll bridges under the jurisdiction of the Commission indicates that the Interstate 78 and Delaware Water Gap (Interstate 80) Toll Bridges carried the largest traffic volume (11.7 million toll paying westbound vehicles per year). The Trenton-Morrisville (US Route 1) and Delaware Water Gap carried 9.7 and 9.6 million toll-paying (westbound) vehicles, respectively. Easton-Phillipsburg carried 5.3 million toll-paying (westbound) vehicles. The Scudder Falls Bridge had 3.9 million toll-paying (westbound) vehicles between July 14, 2019 and December 31, 2019. The remaining three (3) toll bridges carried between 1.2 million and 2.0 million toll-paying (westbound) vehicles.

Five (5) axle tractor-trailers are the most common truck type, representing approximately 9 percent of vehicles crossing toll bridges during 2019. Two (2) axle trucks represent the next largest portion of trucks at 2 percent.

Historical volumes on the toll bridges for the years 2003-2019 is graphically summarized according to total vehicles, passenger vehicles, and trucks on **Figure 2 and Figure 3**.

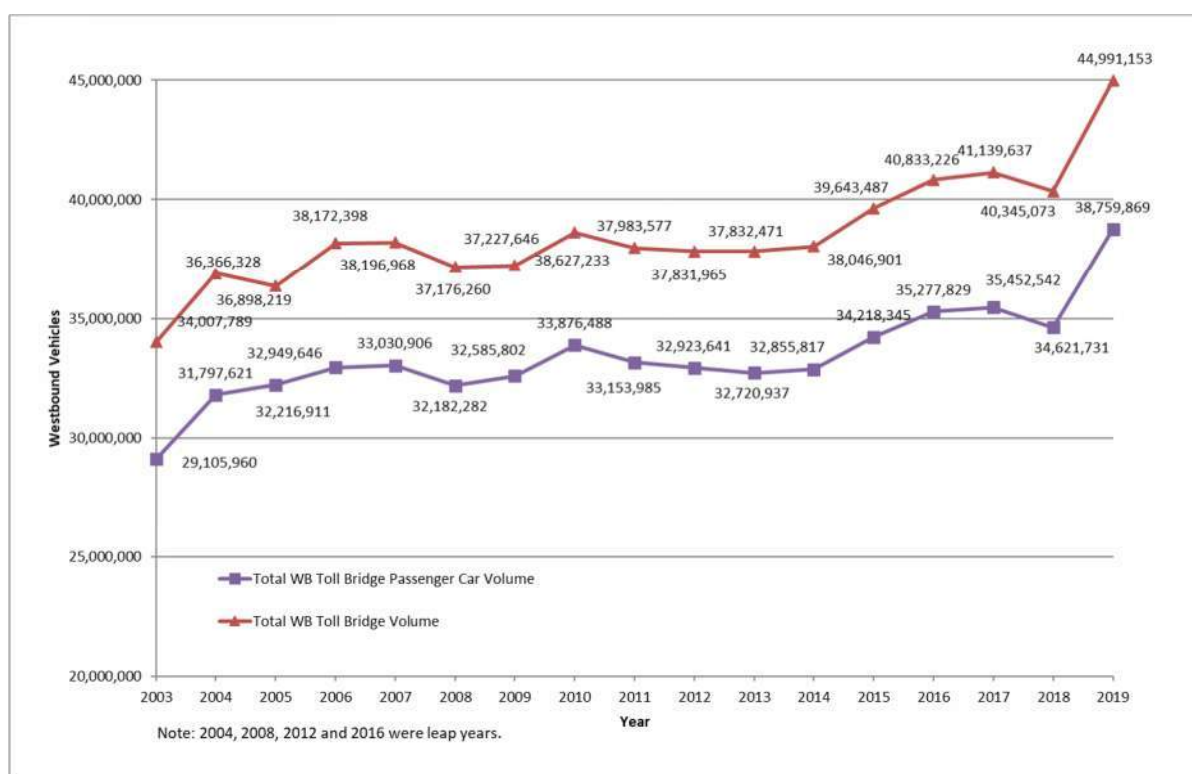


Figure 2: Total DRJTBC Westbound Toll Bridge Volumes (2003-2019)

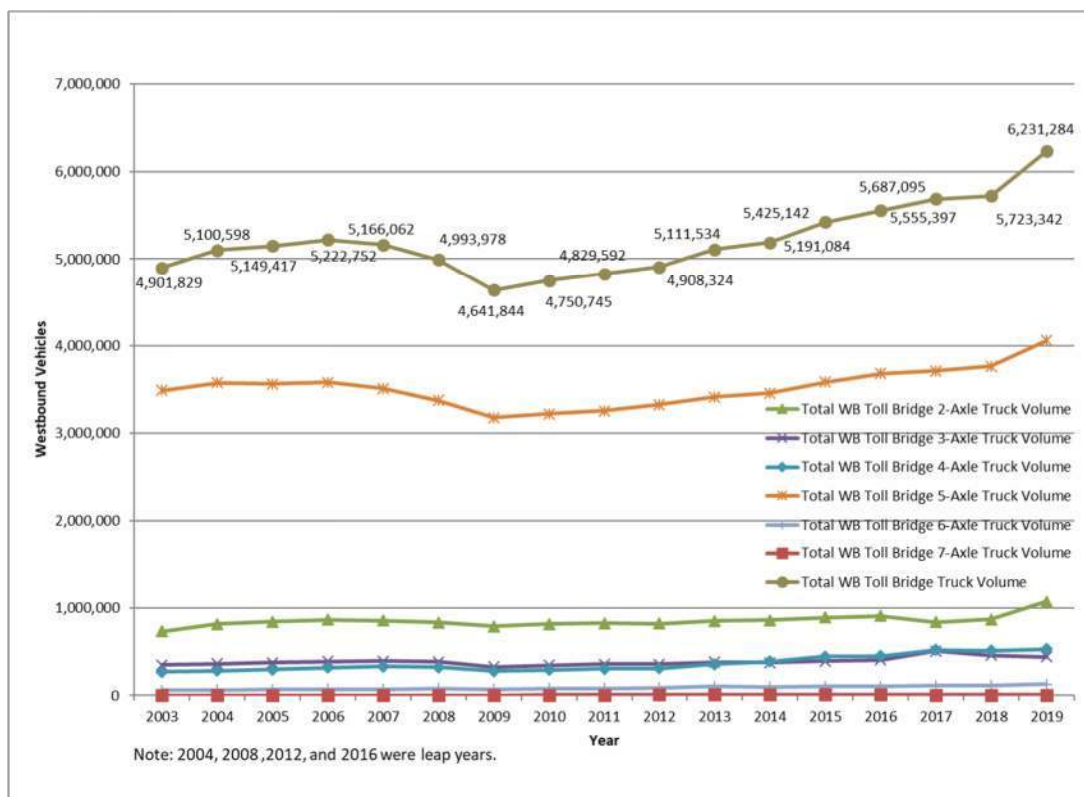


Figure 3: Total DRJTBC Westbound Toll Bridge Truck Volumes (2003-2019)

Current Toll Rates

The following toll structures have been in effect since June 30, 2011 at the existing toll bridges:

Table 2: Toll Structures per Vehicle Type

Vehicle Type	Toll Structure	
	Cash/E-ZPass	Discount E-ZPass
Passenger Vehicles	\$ 1.00	\$ 0.60
Passenger vehicle w/ Trailer	\$ 2.00	\$ 2.00
2-Axle Trucks	\$ 6.50	\$ 5.85
3-Axle Trucks	\$ 12.00	\$ 10.80
4-Axle Trucks	\$ 16.00	\$ 14.40
5-Axle Trucks	\$ 20.00	\$ 18.00
6-Axle Trucks	\$ 24.00	\$ 21.60
7-Axle Trucks	\$ 28.00	\$ 25.20

In 2019, E-Z Pass passenger car discounts of 40% were issued for 16 or more crossings in a calendar month. For E-ZPass trucks, the off-peak traffic (9 PM – 6 AM) receives a 10% discount over the cash fare.

On July 14, 2019, tolling of the westbound direction of the Scudder Falls Bridge (Interstate 295) began. The following toll rate schedule for the Scudder Falls Bridge was approved by the Commission on September 26, 2016:

Table 3: Toll Structure per Vehicle Type, Scudder Falls Bridge

Vehicle Type	Toll Structure		
	E-ZPass	Discount E-ZPass	Toll-by-Plate
Passenger Vehicles	\$ 1.25	\$ 0.75	\$ 2.60
2-Axle Trucks	\$ 7.00	\$ 6.30	\$ 8.35
3-Axle Trucks	\$ 12.75	\$ 11.48	\$ 14.25
4-Axle Trucks	\$ 17.00	\$ 15.30	\$ 19.00
5-Axle Trucks	\$ 21.25	\$ 19.13	\$ 23.75
6-Axle Trucks	\$ 25.50	\$ 22.95	\$ 28.50
7-Axle Trucks	\$ 29.75	\$ 26.78	\$ 33.25

The Scudder Falls Bridge uses all electronic toll collection (AET) technology, whereby customers either pay tolls through E-Z pass or are identified by camera images of their license plate (Toll-by-Plate) and sent a toll invoice.

Future Toll Traffic Volume Projections

Methodology

Toll traffic volume and revenue forecasts have been developed for the upcoming year, 2020. In preparing traffic volume forecasts for the eight (8) toll bridges, the following factors were considered:

- General background growth and decline trends for vehicle classifications at each bridge
- New planned development projects that could add traffic to the tolled bridges
- Roadway construction projects that could divert motorists from their regular routes
- Adjustments for the 2020 leap year
- Diversions and anticipated traffic pattern shifts due to the implementation of toll collection on the Scudder Falls Bridge (I-295)

Projected gross toll revenues for the eight (8) toll bridges are calculated using the traffic volume forecasts and “average” toll rates for each of the bridges, which account for E-ZPass discounts for frequent passenger car travel and off-peak truck crossings. The weighted average toll rates were developed specific to each vehicle class on each toll bridge using total toll revenue collected and total recorded toll volumes during the latest full year of data (2019). The calculations do not reflect any toll increases for 2020.

Historical Background Growth

Pennoni maintains a database of recorded toll bridge traffic volumes, which have been adjusted to account for significant increases or decreases in toll volumes attributable to construction projects, snow events, and other events which may have diverted motorists from their regular route. The adjusted volumes assist in providing historical background growth and decline patterns independent of temporary fluctuations caused by the events mentioned above. The database includes toll volumes by bridge and classification for the years 2003 through 2019.

The 2019 toll volumes have been adjusted based on the following events:

- ☑ **Scudder Falls Bridge Replacement Project:** The Scudder Falls Bridge Replacement Project began in May 2017 and is scheduled to be completed in 2021. Due to congestion issues and lane restrictions during construction, traffic has shifted to other nearby Commission bridges including the Trenton-Morrisville Toll Bridge, Lower Trenton Bridge, Calhoun Street Bridge, and Washington Crossing Bridge. Based on a review of toll and toll-supported volumes from 2016 through 2019, an adjustment has been applied to the 2019 traffic volumes for the Scudder Falls Bridge and the Trenton-Morrisville bridge. *It is anticipated that the Scudder Falls Bridge experienced a loss of 692,755 vehicles in the toll direction and Trenton-Morrisville Toll Bridge experienced a gain of approximately 263,274 vehicles in the toll direction in 2019 due to the construction project.*
- ☑ **Scudder Falls Bridge Tolling:** With the implementation of the Scudder Falls Bridge tolling on July 14, 2019, diversions were identified to other bridges. The “Long Term Traffic and Revenue Report” prepared by Jacobs Engineering Group, Inc. estimated that approximately 17% of the Scudders Falls Bridge traffic would be diverted as a result of the toll implementation. The actual toll volumes shifted from Scudders Falls Bridge to other bridges, as a result of the tolling, was estimated based on a comparison of the Average Daily Traffic (ADT) on the bridge and adjacent parallel bridges

before and after the implementation of the tolling. *It is estimated that the Scudder Falls Toll Bridge lost 859,551 vehicles and the Trenton-Morrisville gained 326,629 vehicles in the toll direction in 2019 due to the implementation of the toll collection.* The following table summarizes the calculated 2019 traffic diversions and compares the results to the estimates in the Jacobs Report:

Table 4: Scudder Falls Bridge Traffic Diversions Due to Tolling

Bridge	Vehicle Class	2019 Calculated Diversion ADT (%)	Jacobs Report Estimated Diversion ADT (%)
From Scudder Falls	Passenger cars	-4,168 (15.1%)	-4,131 (16.0%)
	Trucks	-859 (36.7%)	-613 (34.0%)
	All Vehicles	-5,027 (16.8%)	-4,744 (17.0%)
To Trenton-Morrisville Toll Bridge	All Vehicles	1,910 (38%)	1,809 (38%)
To Toll-Supported Bridges (Lower Trenton, Calhoun St, Washington Crossing)	All Vehicles	1,592 (32%)	2,935 (62%)
To Other Routes/Bridges (Includes PA Turnpike)	All Vehicles	1,525 (30%)	

The adjusted toll volumes for the past five years (2014 through 2019) are summarized by classification and bridge in **Table B-1 in Appendix B**. **Figures B-1 through B-14** illustrate the adjusted 2013-2019 toll volumes for key classifications (passenger vehicles and 2-6 axle trucks) at each bridge.

2020 Base Toll Volume Forecast

A growth factor (greater than 1.0 for growth and less than 1.0 for decline) was developed for each of the vehicle classifications at each of the existing toll bridges based on an evaluation of the adjusted toll volumes from 2003 to 2019. Short-Term growth patterns (last 3 years) and longer-term trend-line analyses were taken into account in developing the growth factors. The growth rate was then applied to the adjusted 2019 toll volumes to generate projected 2020 “base” toll volumes.

The 2020 Base Toll Volumes are summarized in **Table C-1 through C-8 in Appendix C**.

2020 Toll Volume Projections

To develop 2020 toll volume projections for the eight (8) toll bridges, adjustments are applied to the 2020 base toll volumes to account for significant decreases or increases in toll volumes attributable to the construction projects, significant planned development, or other events that will modify traffic patterns in 2020.

Leap Year

The year 2020 will be a leap year. The 2020 traffic volumes are adjusted to reflect the extra day in 2020. *An estimated total of 140,262 additional vehicles will be added to the eight (8) toll bridges to reflect the additional day.*

Major Developments

County planning/engineering offices for the eight (8) counties along the Delaware River within the study area (Bucks, Northampton, Monroe, and Pike counties in Pennsylvania and Mercer, Hunterdon, Sussex, and Warren counties in New Jersey) were contacted to request information regarding any large developments that could have a major effect on toll bridge volumes during the year 2020.

Northampton County identified several large retail/commercial developments anticipated to be completed in 2020, which resulted in projected increased volume on the I-78 and Easton-Phillipsburg Toll Bridges:

- Qurate, the parent company of QVC and HSN, will be expanding an existing 1,019,200 sq. foot distribution center in the City of Bethlehem to 1,710,800 square feet and is estimated to generate approximately 400 toll crossings per day.
- FGC Van Buren Road Partners is a proposed 267,300 sq. ft. warehouse/distribution center in Palmer Twp. and is anticipated to generate approximately 50 toll crossings per day.
- Chrin-Carson Development is a proposed industrial development consisting of two buildings totaling 400,096 sq. ft. in Palmer Twp. that will generate approximately 258 toll crossings per day.
- MCS Industries is a manufacturing development consisting of one 249,600 sq. ft. building in Palmer Twp. and is anticipated to generate approximately 118 toll crossings per day.

No other major projects are expected to open/expand/contract during the 2020 calendar year.

Roadway Construction Projects

Pennoni coordinated with the Commission and County planning/engineering offices to identify significant roadway construction projects near the bridges. In addition, the Pennsylvania Department of Transportation (PennDOT) Transportation Improvement Program (TIP) and New Jersey TIP were also reviewed. There are numerous projects scheduled for construction in 2020, however most are not anticipated to impact traffic volumes at the bridges. Our findings for DRJTBC projects and major NJDOT and PennDOT projects are as follows:

- ☑ Multi-phased construction began in late 2010 on a new PA Turnpike (I-276) and I-95 Interchange in Bristol. The second contract of the construction of the I-95/I-276 Interchange connection, Section D20 will widen existing I-95 between Neshaminy Creek and existing I-276. The construction of the new southbound flyover structure to connect I-95 southbound and I-276 westbound was completed in 2018. Construction at the turnpike ramps on Route 13 in Bristol is still ongoing. Significant diversions as a result of the ongoing construction are not anticipated, and no adjustment has been applied to the 2020 traffic volumes.
- ☑ The Delaware Water Gap Toll Bridge Mill and Resurfacing Project will occur in 2020 and will have travel restrictions. The travel restrictions will be limited to overnight. The project is anticipated to be completed in 2020. As such, significant diversions are not anticipated, and no adjustment has been applied to the 2020 traffic volumes.
- ☑ The Scudder Falls Bridge Replacement Project began in May 2017 and is scheduled to be completed in 2021. Due to congestion issues and lane restrictions during construction, some traffic is

anticipated to shift to other nearby Commission bridges, such as the Trenton-Morrisville Bridge, Lower Trenton Bridge, Calhoun Street Bridge, and Washington Crossing Bridge. The project is anticipated to impact traffic throughout the 2020 year. As such, an adjustment has been applied to the 2020 traffic volumes. *It is anticipated that the Trenton-Morrisville Toll Bridge will experience a gain of approximately 239,487 vehicles in the toll direction and the Scudder Falls Bridge will experience a loss of 630,229 vehicles in the toll direction in 2020 due to the project.* Tolling of the southbound direction of the Scudders Falls Bridge began on July 14, 2019. *It is estimated that the Scudder Falls Bridge will lose 1,784,876 vehicles in the toll direction and Trenton-Morrisville Toll Bridge will gain approximately 678,253 vehicles in the toll direction in 2020 due to the implementation of the toll collection.*

2020 Toll Bridge Volume Forecasts

Tables C-1 through C-8 in Appendix C summarize 2020 volume projections for each of the eight (8) toll bridges. The 2020 Traffic Volume Forecasts are summarized in **Table 5**.

Table 5: 2020 Toll Traffic Volume Forecasts

Region	Bridge	Base Westbound Toll Volumes	Development Adjustment	Construction Adjustment	Scudder Falls Tolling Shift	Leap Year Adjustment	Projected Westbound Toll Volumes
Southern	Trenton-Morrisville	9,207,476	0	239,487	678,253	25,226	10,150,442
Southern	Scudder Falls (I-295)	10,812,444	0	-630,229	-1,784,876	29,623	8,426,962
Southern	New Hope-Lambertville	1,914,891	0	0	0	5,246	1,920,137
Central	Interstate 78	11,720,777	206,424	0	0	32,112	11,959,313
Central	Easton-Phillipsburg	5,382,211	95,745	0	0	14,746	5,492,702
Northern	Portland-Columbia	1,355,296	0	0	0	3,713	1,359,009
Northern	Delaware Water Gap (I-80)	9,557,951	0	0	0	26,186	9,584,137
Northern	Milford-Montague	1,244,580	0	0	0	3,410	1,247,990
Total		51,195,626	302,169	-390,742	-1,106,623	140,262	50,140,692

Future Toll Revenue Projections

Using 2019 data, a weighted average toll rate for each vehicle class specific to each existing toll bridge was calculated using total toll revenue and total toll volumes. The 2020 projected toll revenue was then calculated from forecasted toll revenue for 2020 and the calculated average 2019 toll rates at each bridge. The **Tables C-1 through C-8 in Appendix C** show the weighted average toll rates utilized for each vehicle type on the toll bridges and the calculated 2020 revenue projections.

Table 6 compares the unadjusted 2019 toll volumes and revenues for each bridge with the projected 2020 toll volumes and revenues. As indicated, with a full year of toll collection on Scudders Falls Bridge, the overall toll traffic volumes are projected to increase by 5,149,539 vehicles. Toll revenues are projected to increase by approximately \$12,444,538.81 (8.74%).

Table 7 is provided in response to Section 501(a)(1) of the Commission's Bond Indenture and provides Total Revenue, Operating Expenses, Net Revenue, and Annual Debt Service for 2019. The calculated Debt Service Coverage Ratio for 2019 was 2.17. The requirement that the Net Revenue for the preceding fiscal year be greater than 130% of the Annual Debt Service is met. The Commission's resolution to maintain a minimum Debt Service Coverage Ratio of 1.50 is also met.

Table 8 lists the projected revenues and expenditures for the year 2020. The sum of year 2020 projected toll bridge revenues is \$154,775,288.07, the projected Net Revenue is \$90,699,760.54, and the Annual Debt Service is \$49,012,876.00. Comparing the projected Net Revenue to the Annual Debt Service, the projected Net Revenue is 185% of the Annual Debt Service (Debt Service Coverage Ratio of 1.85). The requirement that the Net Revenue for the preceding fiscal year be greater than 130% of the Annual Debt Service is met. The Commission's resolution to maintain a minimum Debt Service Coverage Ratio of 1.50 is also met.

Table 6: Volume and Revenue Comparison – 2019 to 2020

Bridge	2019 Unadjusted Volume	2019 Revenue	2020 Volume (Projected)	2020 Revenue (Projected)	Change in Toll Volume (%)	Change in Revenue (%)
Trenton-Morrisville	9,751,671	\$18,434,777.04	10,150,442	\$19,408,959.39	398,771 (4.09%)	\$974,182.35 (5.28%)
Scudder Falls (I-295)	3,983,124	\$8,546,398.81	8,426,962	\$16,851,685.16	4,443,838 (111.57%)	\$8,305,286.35 (97.18%)
New Hope-Lambertville	1,920,743	\$3,236,857.92	1,920,137	\$3,312,740.36	-606 (-0.03%)	\$75,882.44 (2.34%)
Interstate 78	11,757,270	\$64,277,087.27	11,959,313	\$66,538,658.67	202,043 (1.72%)	\$2,261,571.40 (3.52%)
Easton-Phillipsburg	5,376,819	\$9,117,884.92	5,492,702	\$9,366,451.73	115,883 (2.16%)	\$248,566.81 (2.73%)
Portland-Columbia	1,338,548	\$2,975,305.54	1,359,009	\$3,028,977.01	20,461 (1.53%)	\$53,671.47 (1.80%)
Delaware Water Gap (I-80)	9,606,899	\$34,091,129.15	9,584,137	\$34,610,999.75	-22,762 (-0.24%)	\$519,870.60 (1.52%)
Milford-Montague	1,256,079	\$1,651,308.61	1,247,990	1,656,816.00	-8,089 (-0.64%)	\$5,507.39 (0.33%)
Total	44,991,153	\$142,330,749.26	50,140,692	\$ 154,775,288.07	5,149,539 (11.45%)	\$12,444,538.81 (8.74%)

Table 7: Actual Revenue and Expenditures for 2019 (Unaudited)

Region	Bridge	2019 Volume	2019 Revenue
Southern	Trenton-Morrisville	9,751,671	\$ 18,434,777.04
Southern	Scudders Falls	3,983,124	\$ 8,546,398.81
Southern	New Hope-Lambertville	1,920,743	\$ 3,236,857.92
Central	Interstate 78	11,757,270	\$ 64,277,087.27
Central	Easton-Phillipsburg	5,376,819	\$ 9,117,884.92
Northern	Portland-Columbia	1,338,548	\$ 2,975,305.54
Northern	Delaware Water Gap	9,606,899	\$ 34,091,129.15
Northern	Milford-Montague	<u>1,256,079</u>	\$ <u>1,651,308.61</u>
	Total	44,991,153	\$ 142,330,749.26
	2019 Toll Revenue (From above)		\$ 142,330,749.26
	Non-AET Toll Violation Enforcement Revenue ¹		\$ 157,551.53
	Scudder Falls AET Toll Violation Enforcement Revenue ²		\$ 18,774.20
	E-ZPass Service Fee Estimate		\$ 1,698,299.18
	Interest Income		\$ 4,054,259.77
	Other Income		\$ <u>308,931.02</u>
	1. Total Revenue - 2019		\$ 148,568,564.96
	2. Operating Expenses - 2019		\$ <u>65,513,003.96</u>
	3. Net Revenue (Line 1 - Line 2)		\$ 83,055,561.00
	4. Annual Debt Service		\$ 38,329,271.00
	5. 130% of Annual Debt Service		\$ 49,828,052.30
	6. Calculated Debt Service Coverage Ratio (Line 3 / Line 4)		2.17
Therefore, the requirement that the Net Revenue for the preceding fiscal year be greater than 130% of the Annual Debt Service is met, satisfying the requirements of the current Commission's Bond Indenture, Section 501(a)(1). The Commission's resolution to maintain a minimum Debt Service Coverage Ratio of 1.50 is also met.			
¹ This represents violation administration fees charged offset by other allowances and adjustments including violation toll and administration fee dismissals/write-offs, reserves for outstanding violation balances and rejected transactions.			
² This represents toll bill late fees and violation administration fees charged offset by other allowances and adjustments including toll bill late fees, violation toll and administration fees dismissals/write-offs, reserves for outstanding violation balances and rejected transactions.			

Table 8: Projected Revenue and Expenditures for 2020

Region	Bridge	2020 Volume	2020 Revenue
Southern	Trenton-Morrisville	10,150,442	\$ 19,408,959.39
Southern	Scudders Falls	8,426,962	\$ 16,851,685.16
Southern	New Hope-Lambertville	1,920,137	\$ 3,312,740.36
Central	Interstate 78	11,959,313	\$ 66,538,658.67
Central	Easton-Phillipsburg	5,492,702	\$ 9,366,451.73
Northern	Portland-Columbia	1,359,009	\$ 3,028,977.01
Northern	Delaware Water Gap	9,584,137	\$ 34,610,999.75
Northern	Milford-Montague	<u>1,247,990</u>	\$ <u>1,656,816.00</u>
	Total	50,140,692	\$ 154,775,288.07
	2020 Toll Revenue (From above)		\$ 154,775,288.07
	Non-AET Toll Violation Enforcement Revenue ¹		\$ 163,363.62
	Scudder Falls AET Toll Violation Enforcement Revenue ²		\$ 37,022.85
	E-ZPass Service Fee Estimate (2020 Projected)		\$ 1,749,248.00
	Interest Income (2020 Projected)		\$ 3,899,700.00
	Other Income (2020 Projected)		\$ <u>300,000.00</u>
	1. Total Projected Revenue - 2020		\$ 160,924,622.54
	2. Operating Expenses - 2020 (2020 Projected)		\$ <u>70,224,862.00</u>
	3. Net Revenue (Line 1 - Line 2)		\$ 90,699,760.54
	4. Annual Debt Service (2020 Projected)		\$ 49,012,876.00
	5. 130% of Annual Debt Service		\$ 63,716,738.80
	6. Calculated Debt Service Coverage Ratio (Line 3 / Line 4)		1.85
Therefore, the requirement that the Net Revenue for the preceding fiscal year be greater than 130% of the Annual Debt Service is met, satisfying the requirements of the current Commission's Bond Indenture, Section 501(a)(1). The Commission's resolution to maintain a minimum Debt Service Coverage Ratio of 1.50 is also met.			
¹ This represents violation administration fees charged offset by other allowances and adjustments including violation toll and administration fee dismissals/write-offs, reserves for outstanding violation balances and rejected transactions.			
² This represents toll bill late fees and violation administration fees charged offset by other allowances and adjustments including toll bill late fees, violation toll and administration fees dismissals/write-offs, reserves for outstanding violation balances and rejected transactions.			

Table 9 provides a comparison of the following: revenues, expenditures, and Debt Service Coverage Ratios for the 2019 projected toll volumes (from the 2018 Traffic Engineering Report), the actual 2019 toll volumes, and the 2020 projected toll volumes. As indicated, the actual 2019 volumes were 1.17% lower than the 2019 projections in the 2018 Traffic Engineering Report. However, due to higher than projected average toll rates collected at the Scudder Falls Bridge (+\$ 0.44/vehicle) and higher than projected interest income, the actual 2019 net revenue is 5.8% higher than projected in the 2018 Report. Also, in 2019 the annual debt service was \$2,163,141 less than projected in the 2018 report, which resulted in an actual debt coverage ratio of 2.17.

In 2020, the total revenue is projected to increase 8.7% from 2019, but operating expenses are projected to increase 7.2% and the annual debt service is projected to increase 27.9%. This results in a reduction in the Calculated Debt Service Coverage Ratio from 2.17 in 2019 to 1.85 in 2020.

Table 9: Projected vs. Actual Revenue and Expenditures (Unaudited)

Bridge	2019 Projected Volume¹	2019 Actual Volume²	2020 Projected Volume
Trenton-Morrisville	9,657,651	9,751,671	10,150,442
Scudders Falls	5,057,116	3,983,124	8,426,962
New Hope-Lambertville	1,918,355	1,920,743	1,920,137
Interstate 78	11,496,685	11,757,270	11,959,313
Easton-Phillipsburg	5,319,847	5,376,819	5,492,702
Portland-Columbia	1,312,662	1,338,548	1,359,009
Delaware Water Gap	9,493,089	9,606,899	9,584,137
Milford-Montague	<u>1,262,319</u>	<u>1,256,079</u>	<u>1,247,990</u>
Total	45,517,724	44,991,153	50,140,692
	2019 Projected Revenue ¹	2019 Actual Revenue ³	2020 Projected Revenue
Trenton-Morrisville	\$ 18,330,580.51	\$ 18,434,777.04	\$ 19,408,959.39
Scudders Falls ^{1 2 3}	\$ 7,319,466.69	\$ 8,546,398.81	\$ 16,851,685.16
New Hope-Lambertville	\$ 3,136,274.81	\$ 3,236,857.92	\$ 3,312,740.36
Interstate 78	\$ 62,281,982.51	\$ 64,277,087.27	\$ 66,538,658.67
Easton-Phillipsburg	\$ 9,105,457.71	\$ 9,117,884.92	\$ 9,366,451.73
Portland-Columbia	\$ 2,745,547.70	\$ 2,975,305.54	\$ 3,028,977.01
Delaware Water Gap	\$ 32,980,143.79	\$ 34,091,129.15	\$ 34,610,999.75
Milford-Montague	\$ <u>1,576,613.17</u>	\$ <u>1,651,308.61</u>	\$ <u>1,656,816.00</u>
Total	\$ 137,476,066.88	\$ 142,330,749.26	\$ 154,775,288.07
Net Toll Revenue	\$ 137,476,066.88	\$ 142,330,749.26	\$ 154,775,288.07
Toll Violation			
Enforcement Revenue	\$ 250,000.00	\$ 176,325.73	\$ 200,386.47
E-ZPass Service Fees	\$ 1,500,000.00	\$ 1,698,299.18	\$ 1,749,248.00
Interest Income	\$ 2,800,000.00	\$ 4,054,259.77	\$ 3,899,700.00
Other Income	\$ 450,000.00	\$ 308,931.02	\$ 300,000.00
1. Total Revenue	\$ 142,476,066.88	\$ 148,568,564.96	\$ 160,924,622.54
2. Operating Expenses	\$ 64,500,000.00	\$ 65,513,003.96	\$ 70,224,862.00
3. Net Revenue	\$ 77,976,066.88	\$ 83,055,560.00	\$ 90,699,760.54
4. Annual Debt Service	\$ 40,492,412.14	\$ 38,329,271.00	\$ 49,012,876.00
5. 130% of Annual Debt Service	\$ 52,640,135.78	\$ 49,828,052.30	\$ 63,716,738.80
6. Calculated Debt Service Coverage Ratio	1.93	2.17	1.85
¹ From 2018 Report - assumed Scudder Falls Bridge converted to toll bridge on July 1, 2019			
² Scudder Falls Bridge converted to a toll bridge on July 14, 2019			

APPENDIX

2019 TRAFFIC ENGINEERING REPORT CONTRACT NO. C-686A

DRJTX19003



APPENDIX A

HISTORICAL TRAFFIC VOLUMES DRJTBC TOLL-SUPPORTED AND TOLL BRIDGES

DRJTX19003



Table A-1 Toll-Supported Bridge Volumes

Year	Lower Trenton	Calhoun Street	Scudder Falls	Washington Crossing	New Hope-Lambertville	Centre Bridge-Stockton	Uhlerstown-Frenchtown	Upper Black Eddy-Milford	Riegelsville	Northampton Street	Riverton-Belvidere	Total
2003	6,432,733	7,234,336	20,482,074	2,544,878	5,806,922	2,088,050	1,546,014	1,567,454	1,152,919	8,527,665	1,971,130	59,354,175
2004	6,313,867	6,907,528	20,687,029	2,701,686	3,552,437	2,139,209	1,528,210	1,617,459	1,142,907	8,349,450	1,939,005	56,878,787
2005	6,057,304	6,754,817	20,105,105	2,111,283	4,950,542	1,890,227	1,412,626	1,483,576	1,227,479	8,145,063	1,883,071	56,021,093
2006	6,060,563	6,677,433	20,427,805	2,380,890	5,138,287	1,783,713	1,394,485	1,442,110	1,240,064	8,443,099	1,871,083	56,859,532
2007	6,789,956	6,757,686	21,326,836	2,500,349	5,318,588	1,187,451	1,425,424	1,384,089	1,251,535	8,390,862	1,615,672	57,948,448
2008	6,726,150	6,742,932	21,321,390	2,593,982	5,122,435	1,618,165	1,401,665	1,262,696	1,227,108	7,869,191	1,732,702	57,618,416
2009	6,615,922	6,703,922	20,840,592	2,516,585	4,897,198	1,674,056	1,434,618	1,332,822	1,181,285	7,871,852	1,760,905	56,829,760
2010	7,324,978	3,893,390	21,239,105	2,112,012	5,219,813	1,751,187	1,508,144	1,353,173	1,124,800	7,663,089	1,749,958	54,939,649
2011	6,012,330	5,931,173	20,991,631	2,579,297	5,214,660	1,650,683	1,702,129	806,174	1,206,324	7,256,278	1,562,252	54,912,931
2012	5,869,917	6,123,919	21,528,302	2,577,391	5,244,046	1,756,908	1,479,234	1,276,062	1,215,335	7,377,827	1,576,668	56,025,610
2013	5,872,699	6,163,988	21,257,596	2,734,607	5,163,319	1,756,904	1,502,857	1,220,444	1,216,726	7,607,257	1,628,895	56,125,293
2014	5,745,830	6,176,515	21,335,578	2,693,020	5,047,719	1,702,911	1,452,756	1,336,774	1,168,556	7,507,977	1,605,873	55,773,508
2015	5,843,036	6,438,469	21,594,797	2,650,661	4,967,825	1,712,404	1,464,058	1,365,146	1,221,325	7,279,251	1,600,423	56,137,393
2016	5,452,648	6,361,380	22,084,483	2,743,743	4,871,416	1,680,965	1,595,402	1,346,356	1,245,987	7,068,617	1,626,062	56,077,059
2017	5,595,983	6,010,841	21,464,166	2,176,756	4,786,392	1,693,360	1,614,224	1,302,321	1,198,278	6,814,146	1,825,044	54,481,510
2018	5,488,706	5,780,752	19,270,764	2,190,365	4,901,050	1,685,542	1,749,734	1,270,627	1,171,876	6,244,710	1,798,051	51,552,176
2019	5,661,752	5,612,283	9,696,749	2,660,916	4,598,108	1,815,971	1,960,389	1,267,348	1,174,668	6,158,266	1,851,291	42,457,741

Table A-2 2003 Toll-Supported Bridge Volumes

Month	Lower Trenton	Calhoun Street	Scudder Falls	Washington Crossing	New Hope-Lambertville1	Centre Bridge-Stockton	Uhlerstown-Frenchtown	Upper Black Eddy-Milford	Riegelsville	Northampton Street	Riverton-Belvidere	Total
January	474,869	550,000	1,599,968	196,664	429,548	157,104	117,000	100,000	79,000	974,041	143,833	4,822,027
February	443,845	521,260	1,356,222	164,661	377,167	122,798	95,028	101,033	78,494	555,358	128,562	3,944,428
March	548,534	640,157	1,693,978	207,462	482,877	159,330	123,253	128,069	96,178	685,567	161,045	4,926,450
April	538,237	636,833	1,731,919	214,795	488,760	178,486	127,826	132,334	100,623	689,978	167,730	5,007,521
May	564,018	650,000	1,803,229	221,906	514,736	189,238	138,952	144,159	105,264	722,607	179,714	5,233,823
June	551,801	611,738	1,774,949	220,403	509,340	188,205	138,492	140,910	100,064	700,702	176,310	5,112,914
July	579,269	639,029	1,825,107	234,055	535,268	203,903	152,565	148,691	105,971	721,007	185,300	5,330,165
August	569,290	626,182	1,797,945	223,958	527,067	195,991	147,191	145,387	103,158	720,548	176,188	5,232,905
September	547,070	596,817	1,725,191	219,640	482,969	178,125	133,080	136,146	94,722	691,376	168,274	4,973,410
October	573,398	621,353	1,849,644	236,089	522,009	188,364	136,929	141,315	100,340	724,195	177,738	5,271,374
November	515,313	568,435	1,689,946	205,939	478,800	173,185	124,837	128,857	94,727	673,099	157,195	4,810,333
December	527,089	572,532	1,633,976	199,306	458,381	153,321	110,861	120,553	94,378	669,187	149,241	4,688,825
Total	6,432,733	7,234,336	20,482,074	2,544,878	5,806,922	2,088,050	1,546,014	1,567,454	1,152,919	8,527,665	1,971,130	59,354,175

Table A-3 2004 Toll-Supported Bridge Volumes

Month	Lower Trenton	Calhoun Street	Scudder Falls	Washington Crossing	New Hope-Lambertville1	Centre Bridge-Stockton	Uhlerstown-Frenchtown	Upper Black Eddy-Milford	Riegelsville	Northampton Street	Riverton-Belvidere	Total
January	474,869	545,773	1,558,639	215,643	131,272	158,320	104,599	112,951	89,299	647,096	139,963	4,178,424
February	491,631	541,831	1,584,203	220,054	157,576	162,945	108,568	114,563	86,645	646,150	141,661	4,255,827
March	543,079	599,213	1,773,426	244,549	137,807	181,410	122,478	128,366	97,390	718,412	160,225	4,706,355
April	532,424	594,358	1,802,794	250,560	154,061	193,391	130,759	141,162	97,980	724,557	164,864	4,786,910
May	548,806	619,033	1,841,026	270,327	143,402	214,181	143,818	149,292	100,696	750,157	174,202	4,954,940
June	537,692	609,804	1,831,365	250,175	301,416	196,765	139,959	146,241	97,578	708,925	171,847	4,991,767
July	533,218	584,653	1,758,351	231,474	426,710	188,715	146,966	149,039	98,234	716,311	174,983	5,008,654
August	536,367	555,972	1,811,783	221,746	436,722	185,161	144,138	144,543	97,182	720,922	170,090	5,024,626
September	547,070	534,777	1,789,294	199,741	390,205	166,567	125,187	133,017	89,810	634,981	160,925	4,771,574
October	573,398	587,641	1,459,900	216,130	443,149	177,050	133,368	142,999	98,574	714,031	170,631	4,716,871
November	515,313	556,841	1,740,078	190,649	409,346	159,500	116,295	127,600	92,094	675,077	153,783	4,736,576
December	480,000	577,632	1,736,170	190,638	420,771	155,204	112,075	127,686	97,425	692,831	155,831	4,746,263
Total	6,313,867	6,907,528	20,687,029	2,701,686	3,552,437	2,139,209	1,528,210	1,617,459	1,142,907	8,349,450	1,939,005	56,878,787

Table A-4 2005 Toll-Supported Bridge Volumes

Month	Lower Trenton	Calhoun Street	Scudder Falls	Washington Crossing	New Hope-Lambertville1	Centre Bridge-Stockton	Uhlerstown-Frenchtown	Upper Black Eddy-Milford	Riegelsville	Northampton Street	Riverton-Belvidere	Total
January	474,869	520,094	1,566,950	175,523	369,422	130,496	98,147	115,312	85,589	615,480	136,364	4,288,246
February	436,839	506,071	1,521,736	167,777	359,028	126,870	95,552	109,768	82,146	599,385	135,497	4,140,669
March	543,079	580,142	1,766,709	192,763	405,788	148,274	113,344	126,969	94,544	692,465	155,279	4,819,356
April	532,424	527,249	1,131,518	21,035	385,277	145,725	103,752	116,299	99,691	591,668	147,988	3,802,626
May	548,806	604,119	1,877,850	183,915	441,442	182,304	128,463	137,669	114,644	716,255	167,351	5,102,818
June	537,692	601,724	1,858,574	198,817	436,210	182,171	127,998	132,171	116,004	710,299	165,285	5,066,945
July	533,218	599,309	1,786,565	202,953	427,856	188,107	138,408	135,112	114,466	700,001	170,799	4,996,794
August	510,000	598,063	1,858,505	201,975	437,261	180,094	134,231	131,779	110,654	741,908	162,021	5,066,491
September	482,514	558,116	1,662,649	202,075	417,298	160,857	125,248	125,340	103,239	690,890	160,440	4,688,666
October	504,022	560,559	1,745,874	200,667	439,579	172,000	125,108	124,343	104,940	710,506	166,786	4,854,384
November	472,857	541,370	1,654,746	186,307	417,122	145,307	116,073	116,732	99,694	678,235	159,536	4,587,979
December	480,984	558,001	1,673,429	177,476	414,259	128,022	106,302	112,082	101,868	697,971	155,725	4,606,119
Total	6,057,304	6,754,817	20,105,105	2,111,283	4,950,542	1,890,227	1,412,626	1,483,576	1,227,479	8,145,063	1,883,071	56,021,093

Table A-5 2006 Toll-Supported Bridge Volumes

Month	Lower Trenton	Calhoun Street	Scudder Falls	Washington Crossing	New Hope-Lambertville1	Centre Bridge-Stockton	Uhlerstown-Frenchtown	Upper Black Eddy-Milford	Riegelsville	Northampton Street	Riverton-Belvidere	Total
January	474,869	542,134	1,647,638	180,403	392,376	113,462	106,700	109,085	97,553	692,038	156,259	4,512,517
February	460,026	506,035	1,512,963	162,729	329,479	114,662	96,112	101,386	90,141	657,336	144,571	4,175,440
March	523,914	581,075	1,776,740	191,241	429,947	145,430	116,468	118,054	105,674	743,968	167,761	4,900,272
April	504,442	559,811	1,734,750	195,203	444,336	154,511	120,327	121,299	107,097	739,970	164,243	4,845,989
May	527,000	581,547	1,826,526	212,848	464,451	169,518	130,353	135,000	111,162	753,909	173,749	5,086,063
June	512,623	600,000	1,788,813	205,000	450,000	165,000	128,000	111,000	106,000	691,000	173,000	4,930,436
July	506,000	558,000	1,700,000	200,000	445,000	159,000	115,000	141,000	104,618	670,000	163,480	4,762,098
August	522,121	570,908	1,826,859	212,444	458,066	159,240	115,004	145,038	105,974	703,761	162,924	4,982,339
September	507,037	539,572	1,687,969	208,244	432,513	149,144	119,096	116,836	101,082	676,601	156,138	4,694,232
October	522,611	562,501	1,511,747	224,156	445,294	156,057	123,489	120,092	104,976	713,693	122,807	4,607,423
November	491,981	529,549	1,703,521	193,677	409,206	148,027	110,682	109,788	100,046	679,434	130,358	4,606,269
December	507,939	546,301	1,710,279	194,945	437,619	149,662	113,254	113,532	105,741	721,389	155,793	4,756,454
Total	6,060,563	6,677,433	20,427,805	2,380,890	5,138,287	1,783,713	1,394,485	1,442,110	1,240,064	8,443,099	1,871,083	56,859,532

Table A-6 2007 Toll-Supported Bridge Volumes

Month	Lower Trenton	Calhoun Street	Scudder Falls	Washington Crossing	New Hope-Lambertville1	Centre Bridge-Stockton	Uhlerstown-Frenchtown	Upper Black Eddy-Milford	Riegelsville	Northampton Street	Riverton-Belvidere	Total
January	524,204	542,687	1,685,485	192,444	419,839	41,725	109,786	105,158	96,816	693,543	118,486	4,530,173
February	469,357	473,726	1,500,683	171,680	367,118	37,041	93,879	91,227	85,694	605,955	102,020	3,998,380
March	563,583	565,893	1,757,094	200,232	441,053	42,871	112,786	110,080	100,047	719,066	122,695	4,735,400
April	552,445	553,288	1,753,484	199,323	440,986	52,777	116,939	111,931	104,787	725,886	124,217	4,736,063
May	610,088	605,582	1,907,911	228,224	485,112	-	135,253	125,821	114,212	757,722	152,232	5,122,157
June	588,576	597,164	1,873,937	219,692	459,198	144,609	129,958	121,992	110,936	716,876	140,936	5,103,874
July	585,804	594,745	1,840,925	214,810	469,964	156,410	134,273	128,239	111,487	703,747	140,140	5,080,544
August	607,531	606,545	1,899,467	215,831	473,885	153,788	131,437	128,664	110,141	718,414	150,648	5,196,351
September	560,732	550,187	1,757,370	209,360	449,773	151,546	124,988	122,259	104,853	679,051	145,880	4,855,999
October	604,763	581,938	1,895,727	231,077	464,487	148,710	125,436	121,808	109,742	714,884	153,385	5,151,957
November	568,910	535,795	1,769,634	208,935	426,255	132,809	108,631	111,020	102,463	686,364	137,410	4,788,226
December	553,963	550,136	1,685,119	208,741	420,918	125,165	102,058	105,890	100,357	669,354	127,623	4,649,324
Total	6,789,956	6,757,686	21,326,836	2,500,349	5,318,588	1,187,451	1,425,424	1,384,089	1,251,535	8,390,862	1,615,672	57,948,448

Estimated figures due to adjustments shown in italics and adjusted figures due to counter malfunction rounded
 Centre Bridge - Stockton Bridge weekday closures for TS-429A (Jan-May, Nov) and the count station loop detectors were replaced in May
 Riverton - Belvidere Bridge weekend and weekday closures for TS-371A (Jan-July, Oct-Nov)
 Increase in traffic volume on Lower Trenton Bridge is a result of construction on the Trenton - Morrisville Toll Bridge (T-380B)

Table A-7 2008 Toll-Supported Bridge Volumes

Month	Lower Trenton	Calhoun Street	Scudder Falls	Washington Crossing	New Hope-Lambertville1	Centre Bridge-Stockton	Uhlertown-Frenchtown	Upper Black Eddy-Milford	Riegelsville	Northampton Street	Riverton-Belvidere	Total
January	549,171	546,405	1,713,675	212,292	401,420	118,394	107,030	104,657	100,513	684,793	136,459	4,674,809
February	517,339	518,435	1,599,753	196,860	374,271	104,984	95,233	90,579	93,440	633,000	120,662	4,344,555
March	581,858	576,991	1,757,169	213,822	418,575	127,589	111,371	106,873	107,891	669,907	143,026	4,815,072
April	584,031	577,733	1,819,802	232,002	434,746	135,471	116,558	108,559	112,799	636,451	149,179	4,907,331
May	589,750	585,529	1,853,292	236,178	459,526	145,187	126,709	117,382	114,937	666,428	154,320	5,049,238
June	579,166	570,037	1,809,912	222,609	447,505	146,138	124,312	114,459	110,376	683,685	148,997	4,957,196
July	585,286	581,134	1,827,359	206,636	457,613	143,615	131,454	114,257	102,929	684,172	154,410	4,988,865
August	581,026	574,488	1,813,596	217,165	463,633	150,120	129,548	114,789	104,825	664,408	152,225	4,965,823
September	551,811	553,676	1,815,570	216,066	424,235	137,923	116,167	102,073	98,494	635,448	147,383	4,798,846
October	557,418	577,329	1,826,723	233,058	443,608	140,967	126,718	98,207	103,852	672,295	156,041	4,936,216
November	508,556	517,250	1,690,526	197,744	395,624	136,819	112,026	92,901	89,294	605,825	136,633	4,483,198
December	540,738	563,926	1,794,014	209,550	401,679	130,957	104,539	97,961	87,757	632,779	133,367	4,697,266
Total	6,726,150	6,742,932	21,321,390	2,593,982	5,122,435	1,618,165	1,401,665	1,262,696	1,227,108	7,869,191	1,732,702	57,618,416

Estimated figures due to adjustments shown in red and adjusted figures due to counter malfunction rounded

Increase in traffic volume on Lower Trenton Bridge (January and February) is a result of construction on the Trenton - Morrisville Toll Bridge (T-380B)

Table A-8 2009 Toll-Supported Bridge Volumes

Month	Lower Trenton	Calhoun Street	Scudder Falls	Washington Crossing	New Hope-Lambertville1	Centre Bridge-Stockton	Uhlertown-Frenchtown	Upper Black Eddy-Milford	Riegelsville	Northampton Street	Riverton-Belvidere	Total
January	518,115	553,851	1,609,018	199,361	350,943	116,074	97,639	92,981	79,741	603,279	126,110	4,347,112
February	500,303	490,991	1,522,087	189,393	351,147	115,328	96,407	91,060	77,190	591,359	125,656	4,150,921
March	565,748	555,634	1,707,097	220,540	384,131	132,470	110,887	103,561	88,307	666,954	144,833	4,680,162
April	579,305	582,724	1,827,731	224,781	403,555	143,491	119,268	110,797	94,754	684,941	152,173	4,923,520
May	588,519	590,292	1,831,390	224,827	426,904	164,146	131,358	120,087	97,028	705,446	161,272	5,041,269
June	579,191	551,107	1,823,098	214,028	417,571	146,159	126,641	116,651	105,790	684,546	157,903	4,922,685
July	588,155	580,735	1,734,852	218,537	448,893	142,686	140,607	123,648	113,477	661,319	160,559	4,913,467
August	574,407	572,997	1,812,943	207,522	448,977	160,092	133,636	122,459	110,022	682,176	152,663	4,977,894
September	541,100	559,584	1,739,818	210,094	421,046	155,092	127,499	117,161	103,864	638,612	151,627	4,765,497
October	559,056	568,089	1,796,426	216,949	432,672	137,538	126,932	116,117	107,958	642,662	154,067	4,858,467
November	513,799	537,297	1,724,337	198,432	411,658	128,515	116,369	108,037	101,092	585,296	139,078	4,563,910
December	508,224	560,621	1,711,797	192,122	399,701	132,464	107,376	110,263	102,062	725,262	134,964	4,684,856
Total	6,615,922	6,703,922	20,840,592	2,516,585	4,897,198	1,674,056	1,434,618	1,332,822	1,181,285	7,871,852	1,760,905	56,829,760

Estimated figures due to adjustments shown in red and adjusted figures due to counter malfunction rounded

Traffic counters down throughout parts of 2009 at Calhoun Street, Scudder Falls, Centre Bridge-Stockton, and Uhlertown-Frenchtown bridges. Data interpolated from 2008 and available 2009 volumes.

Table A-9 2010 Toll-Supported Bridge Volumes

Month	Lower Trenton	Calhoun Street ^{6,8}	Scudder Falls ^{6,8}	Washington Crossing ^{1,4,11}	New Hope-Lambertville ¹	Centre Bridge-Stockton ^{2,4}	Uhlerstown-Frenchtown	Upper Black Eddy-Milford ⁷	Riegelsville ¹⁰	Northampton Street ^{3,15}	Riverton-Belvidere ¹³	Total
January	505,216	525,777	1,622,222	193,667	386,056	121,208	108,185	67,832	100,602	628,261	132,997	4,392,023
February	420,113	442,974	1,322,783	151,557	315,160	93,665	86,271	80,974	82,136	546,184	111,426	3,653,243
March	540,038	559,360	1,784,640	208,013	420,393	134,889	122,100	107,565	106,859	677,653	149,459	4,810,969
April	545,730	545,724	1,787,227	215,526	434,548	151,596	127,780	111,332	111,965	635,633	153,757	4,820,818
May	643,378	438,223	1,848,946	228,829	464,086	165,562	139,825	124,231	111,742	676,601	161,399	5,002,822
June	808,530	-	1,896,540	230,280	460,795	158,409	136,229	123,778	110,293	658,975	160,369	4,744,198
July	809,276	-	1,858,277	221,809	470,331	167,510	144,780	126,866	112,437	668,408	162,045	4,741,739
August	792,494	-	1,953,898	54,554	498,091	165,966	140,583	123,130	109,481	662,140	155,544	4,655,881
September	718,152	-	1,864,598	-	473,995	158,501	134,987	123,972	83,554	622,533	149,984	4,330,276
October	547,704	463,826	1,854,118	219,395	460,605	157,605	134,242	132,048	61,668	622,346	159,386	4,812,943
November	500,631	454,447	1,757,295	203,246	419,620	141,121	119,611	120,105	53,808	609,965	125,704	4,505,553
December	493,716	463,059	1,688,561	185,136	416,133	135,155	113,551	111,340	80,255	654,390	127,888	4,469,184
Total	7,324,978	3,893,390	21,239,105	2,112,012	5,219,813	1,751,187	1,508,144	1,353,173	1,124,800	7,663,089	1,749,958	54,939,649

Note Estimated figures due to adjustments shown in red.Data interpolated from 2009 and available 2010 volumes.

- Counters down 1-29-10 to 1-31-10. Data interpolated.
- WB Counter down from 1-24-10 to 1-31-10. Data interpolated.
- Counters down 1-30-10 to 1-31-10. Data interpolated.
- WB Counter down 2-1-10 to 2-21-10. Data interpolated.
- Counter down 3-16-10 to 3-18-10. Data interpolated.
- Counter down 4-26-10 to 4-31-10. Data interpolated.
- Counters down 4-1-10 to 4-30-10. Data interpolated from 2009.
- Calhoun Street TSB closed from 5-24-10 to 9-24-10 for rehabilitation under Contract No. TS-442A. Counters not in service.
- Washington Crossing TSB closed from 8-9-10 to 9-24-10 for rehabilitation under Contract No. TS-447B. Counters not in service.
- Riegelsville TSB closed 8:00 PM Fri 9-17-10 to 7:00 AM Mon 9-20-10 under Contract No. TS-445A. Counters not in service.
- Counters down 11-1-10 to 11-30-10. July 2010 data interpolated decreased by 5%.
- Bridge closed on weekends due to construction under Contract No. TS-445A.
- Counters down 11-2-10 to 11-19-10. Data interpolated.
- Counter down 12-1-10 to 12-22-10. 2009 data interpolated and decreased by 1%.
- Counter down 12-22-10 to 12-31-10. Data interpolated.

Table A-10 2011 Toll-Supported Bridge Volumes

Month	Lower Trenton ^{4,9}	Calhoun Street ⁴	Scudder Falls ^{4,8}	Washington Crossing ^{4,7,10}	New Hope-Lambertville ^{1,4,12}	Centre Bridge-Stockton ^{4,9}	Uhlerstown-Frenchtown ⁶	Upper Black Eddy-Milford ^{3,5,13}	Riegelsville ⁶	Northampton Street ^{2,6}	Riverton-Belvidere ⁶	Total
January	454,207	423,944	1,519,742	190,750	367,151	107,382	134,996	32,113	83,659	543,466	114,464	3,971,874
February	452,895	414,858	1,518,049	182,367	356,796	111,898	145,651	-	84,020	526,198	109,248	3,901,980
March	521,286	502,380	1,787,602	223,717	432,676	138,240	172,162	-	103,601	626,165	136,482	4,644,311
April	508,511	496,777	1,770,925	221,167	439,602	143,141	177,187	-	105,298	624,676	135,163	4,622,447
May	527,912	519,601	1,831,806	234,476	470,055	157,269	166,907	37,109	104,711	632,516	140,625	4,822,987
June	525,360	522,741	1,855,875	240,178	472,979	160,962	138,074	107,577	104,881	619,199	143,058	4,890,884
July	553,312	526,005	1,735,386	228,556	489,785	171,187	151,753	113,069	110,486	638,816	144,880	4,863,235
August	494,056	517,411	1,797,836	226,796	417,678	144,017	137,823	104,803	106,993	628,242	140,103	4,715,758
September	495,172	494,016	1,774,737	215,325	430,645	115,310	114,430	107,139	97,415	579,830	123,982	4,548,001
October	506,289	511,946	1,836,021	220,539	472,071	132,639	129,159	104,644	106,238	615,244	125,118	4,759,908
November	478,616	488,835	1,785,893	191,278	431,199	127,140	117,083	98,224	97,899	593,369	121,915	4,531,451
December	494,714	512,659	1,777,759	204,148	434,023	141,498	116,904	101,496	101,123	628,557	127,214	4,640,095
Total	6,012,330	5,931,173	20,991,631	2,579,297	5,214,660	1,650,683	1,702,129	806,174	1,206,324	7,256,278	1,562,252	54,912,931

Note Estimated figures due to adjustments shown in red. Data interpolated from 2010 and available 2011 volumes.

- Counters down 1-22-11 to 1-31-11. Data interpolated.
- Counters down 1-1-11 to 1-10-11. Data interpolated.
- Upper Black Eddy TSB closed from 1-11-11 to 5-20-11 for rehabilitation under Contract N0. TS-444A. Counters not in service.
- Counters down 5-4-11 to 5-9-11. Data interpolated.
- Bridge closed 5-1-11 to late 5-20-11 due to construction Contract TS-444A.
- Counters down 5-2-11 to 5-9-11. Data interpolated.
- Counter down 6-10-11 to 6-30-11. Data interpolated.
- Counter down 7-13-11 to 7-19-11. Data interpolated.
- Lower Trenton TSB and Centre Bridge-Stockton TSB closed 8-28-11 and 8-29-11 due to Tropical Storm Irene.
- Counters down 9-1-11 to 9-30-11. August 2011 data interpolated.
- Riegelsville TSB counters down 10-29-11 to 10-31-11. Data interpolated.
- Counters down from 12-1-11 to 12-31-11. 2010 data increased by 4%.
- Counter down 12-13-11 to 12-19-11. Data interpolated.

Table A-11 2012 Toll-Supported Bridge Volumes

Month	Lower Trenton ^{1, 5, 6, 7, 8, 11}	Calhoun Street ^{5, 11}	Scudder Falls ^{2, 6, 11}	Washington Crossing ¹¹	New Hope-Lambertville ^{1, 2, 3, 4, 5, 11}	Centre Bridge-Stockton ^{9, 11}	Unlertstown-Frenchtown ^{9, 11}	Upper Black Eddy-Milford ¹¹	Riegelsville ¹⁰	Northampton Street ¹¹	Riverton-Belvidere ^{10, 11}	Total
January	474,869	481,371	1,698,191	197,694	394,433	126,775	111,245	97,224	92,591	597,256	120,915	4,392,563
February	466,263	457,680	1,662,240	192,157	385,348	123,173	108,228	91,759	89,500	585,264	121,751	4,283,363
March	516,832	528,184	1,831,777	216,154	427,093	143,301	124,544	106,824	101,660	653,300	137,245	4,786,914
April	495,441	508,970	1,813,583	219,137	429,274	146,949	121,262	109,151	102,018	632,293	133,459	4,711,537
May	522,724	540,787	1,898,727	244,175	463,196	161,320	134,237	107,648	107,894	650,028	140,796	4,971,532
June	506,054	524,078	1,862,440	232,752	468,811	163,758	134,921	115,864	103,819	632,505	139,470	4,884,472
July	491,709	540,339	1,818,435	225,167	471,801	165,525	140,495	126,131	107,111	627,771	137,895	4,852,379
August	507,063	540,075	1,875,634	232,334	468,335	161,490	138,014	113,500	106,828	636,225	138,704	4,918,202
September	474,731	507,868	1,733,390	216,314	442,148	153,166	126,419	114,732	100,500	599,845	132,486	4,601,598
October	480,782	504,980	1,887,184	212,749	452,091	155,271	121,641	105,970	106,614	602,558	127,438	4,757,277
November	460,145	485,239	1,747,797	192,580	411,466	123,136	106,928	95,158	96,435	573,668	121,990	4,414,541
December	473,303	504,348	1,698,904	196,179	430,050	133,045	111,300	92,102	100,365	587,114	124,520	4,451,230
Total	5,869,917	6,123,919	21,528,302	2,577,391	5,244,046	1,756,908	1,479,234	1,276,062	1,215,335	7,377,827	1,576,668	56,025,610

Note Estimated figures due to adjustments shown in red. Data interpolated from 2011 and available 2012 volumes.

1. Counters down 1-1-12 to 1-31-12. Jan. 2011 data interpolated & increased by 6.8%.

2. Counter down 2-1-12 to 2-29-12. 2011 data increased by 3.4%.

3. Counter down 3-1-12 to 3-31-12. 2011 data decreased by 2.2 %.

4. Counter down 4-1-12 to 4-8-12. Data interpolated.

5. Counter down 6-1-12 to 6-30-12. May 2012 data interpolated.

6. Counter down 7-1-12 to 7-12-12. Data interpolated.

7. Counter down 8-10-12 to 8-20-12. Data interpolated.

8. Counter down 9-27-12 to 9-30-12. Data interpolated.

9. Reduced traffic due to river flooding 9-8-11 and/or 9-9-11.

10. Counter down 10-1-12 to 10-31-12. Sept. 2012 data interpolated.

11. Hurricane Sandy 10-29-12 to 10-31-12.

Note : There were 29 days in Feb. 2012

Table A-12 - 2013 Toll-Supported Bridge Volumes

Month	Lower Trenton	Calhoun Street	Scudder Falls ^{13, 17, 18}	Washington Crossing ^{3, 4, 8, 12, 14, 18}	New Hope-Lambertville ¹⁹	Centre Bridge-Stockton ^{6, 11, 15}	Unlertstown-Frenchtown	Upper Black Eddy-Milford	Riegelsville	Northampton Street ¹²	Riverton-Belvidere ^{1, 2, 5, 7, 9, 12, 16}	Total
January	468,157	488,649	1,688,533	214,898	396,979	124,922	109,473	87,555	95,123	572,839	115,653	4,362,781
February	432,244	454,601	1,526,735	188,897	355,108	110,097	98,170	78,325	87,479	536,070	111,296	3,979,022
March	495,060	521,854	1,749,752	218,420	416,174	133,307	118,809	93,747	101,423	618,477	130,980	4,598,002
April	502,554	524,620	1,800,434	228,209	428,626	147,236	125,910	99,358	108,449	624,219	136,711	4,726,326
May	527,148	549,770	1,887,031	253,796	467,685	158,870	139,551	107,813	114,089	650,047	149,200	5,005,000
June	507,560	531,022	1,807,823	236,542	467,720	163,040	137,604	105,617	109,498	633,710	144,494	4,844,631
July	523,626	539,757	1,820,340	253,815	472,025	164,407	145,066	109,265	110,790	674,887	150,741	4,964,719
August	521,752	536,135	1,772,337	253,897	467,565	160,158	142,635	112,205	104,778	700,048	145,510	4,917,020
September	484,625	508,983	1,672,206	224,118	433,592	153,819	130,178	111,839	97,090	656,245	143,836	4,616,531
October	507,566	526,698	2,090,418	244,916	445,212	181,837	132,782	112,482	101,622	683,916	148,277	5,175,727
November	444,246	492,010	1,747,797	222,320	411,467	137,653	115,532	103,082	94,655	659,958	132,570	4,561,290
December	458,162	489,889	1,694,190	194,779	401,167	121,558	107,147	99,156	91,730	596,841	119,627	4,374,246
Total	5,872,699	6,163,988	21,257,596	2,734,607	5,163,319	1,756,904	1,502,857	1,220,444	1,216,726	7,607,257	1,628,895	56,125,293

Note Estimated figures due to adjustments shown in red. Data interpolated from 2012 and available 2013 volumes.

(1) Counter down 1-2-13 to 1-10-13. Data interpolated.

(2) Counter down 3-12-13 to 3-17-13. Data interpolated.

(3) Counter down 4-12-13 to 4-30-13. April 2012 data interpolated.

(4) Counter down 5-1-13 to 5-10-13. Data interpolated.

(5) Counter down 5-27-13 to 5-31-13. Data interpolated.

(6) Counter down 6-7-13 to 6-13-13. Data interpolated.

(7) Counter down 6-1-13 to 6-3-13. Data interpolated.

(8) Counter down 8-1-13 to 8-31-13. 2012 data interpolated and increased by 1%.

(9) Counter down 8-18-13 to 8-27-13. Data interpolated.

(10) Counter down 9-1-13 to 9-30-13. 2012 data interpolated and increased by 2.9%.

(11) Westbound loop down 9-8-13 to 9-28 13. 2012 data interpolated and increased by 2.9%.

(12) Traffic volume increase on Northampton St. & Riverton-Belvidere TSB due to T437A Easton-Phillipsburg TB Rehabilitation.

(13) Counter down 10-1-13 to 10-31-13. 2102 data interpolated and increased by 10.6%.

(14) Counter down 10-1-13 to 10-6-13. Data interpolated.

(15) Counter down 10-25-13 to 10-29-13. Data interpolated.

(16) Counter down 10-21-13 to 10-27-13. Data interpolated.

(17) Roadway loops malfunctioned, used November 2012 data.

(18) Counter down 12-1-13 to 12-31-13. December 2012 data interpolated and decreased by 1%.

(19) Counter down 12-26-13 to 12-31-13. Data interpolated.

Table A-13 2014 Toll-Supported Bridge Volumes

Month	Lower Trenton ^{1,2,3,4,5,6,9}	Calhoun Street ^{1,7,20}	Scudder Falls ^{1,6,10,21,22}	Washington Crossing ^{2,7,13}	New Hope-Lambertville ^{3,8,12,14}	Centre Bridge-Stockton ^{5,9}	Uhlertown-Frenchtown ¹⁸	Upper Black Eddy-Milford ¹⁴	Riegelsville	Northampton Street	Riverton-Belvidere	Total
January	426,045	450,443	1,618,515	206,538	384,784	110,302	98,421	97,111	85,311	554,593	113,499	4,145,563
February	392,463	421,180	1,423,149	160,342	333,177	103,182	82,215	87,154	75,677	484,722	97,729	3,660,990
March	471,452	515,904	1,733,798	234,140	395,149	130,231	109,048	107,965	93,762	620,164	127,493	4,539,106
April	484,449	523,238	1,804,908	239,368	421,974	145,533	120,796	114,538	101,605	663,041	136,128	4,755,578
May	511,371	548,937	1,871,679	247,587	461,981	160,950	135,140	117,878	108,149	641,673	148,849	4,954,194
June	496,583	544,854	1,845,009	245,338	454,488	161,336	134,997	117,228	103,402	665,154	145,169	4,913,558
July	541,442	544,547	1,853,754	240,911	460,861	163,677	142,904	125,490	103,402	665,455	148,427	4,990,870
August	518,511	538,599	1,848,570	235,174	460,161	158,285	141,126	123,432	102,648	685,201	143,271	4,954,978
September	486,900	511,167	1,790,519	232,663	424,113	149,318	129,754	112,382	99,603	646,665	139,979	4,723,063
October	505,005	555,735	1,913,984	236,072	439,894	154,150	131,335	118,441	102,703	654,654	148,836	4,960,809
November	444,544	494,140	1,762,046	201,317	393,794	131,853	112,498	105,802	93,097	605,880	126,299	4,471,270
December	467,064	527,771	1,869,646	213,569	417,343	134,094	114,523	109,353	99,197	620,775	130,194	4,703,529
Total	5,745,830	6,176,515	21,335,578	2,693,020	5,047,719	1,702,911	1,452,756	1,336,774	1,168,556	7,507,977	1,605,873	55,773,508

Note Estimated figures due to adjustments shown in red. Data interpolated from 2013 and available 2014 volumes.

(1) Counter down 1-1-14 to 1-31-14. Data interpolated and decreased by 5.75%

(2) Counter down 1-1-14 to 1-31-14. Data interpolated and decreased by 5.75%

(3) Counter down 1-1-14 to 1-31-14. 2013 data interpolated and decreased by 4.3%

(4) Counter down 1-21-14 to 1-31-14. Data interpolated.

(5) Counter down 2-1-14 to 2-9-14. Data interpolated.

(6) Counter down 2-1-14 to 2-28-14. Data interpolated and decreased by 6.6%.

(7) Counter down 2-18-14 to 2-28-14. Data interpolated.

(8) Counter down 2-1-14 to 2-28-14. Data interpolated and decreased by 6.0%.

(9) Counter down 2-1-14 to 2-28-14. Data interpolated and decreased by 6.0%.

(10) Counter down 3-1-14 to 3-31-14. 2013 data interpolated and decreased by 0.5%.

(11) Counter down 3-25-14 to 3-31-14. Data interpolated.

(12) Counter down 3-24-14 to 3-31-14. Data interpolated.

(13) Counter down 6-28-14 to 6-30-14. Data interpolated.

(14) Counter down 6-28-14 to 6-30-14. Data interpolated.

(15) Counter down 7-1-14 to 7-31-14. 2013 data interpolated and increased by 3.4%.

(16) Counter down 8-1-14 to 8-31-14. 2013 data interpolated.

(17) Counter down 8-28-14 to 8-31-14. Data interpolated.

(18) Counter down 8-1-14 to 8-4-14. Data interpolated.

(19) Counter down 9-1-14 to 9-12-14. Data interpolated.

(20) Counter down 9-1-14 to 9-13-14. Data interpolated.

(21) Counter down 10-20-14 to 10-31-14. Data interpolated.

(22) Counter down 11-13-14. Data interpolated and increased by 1.0%

Table A-14 2015 Toll-Supported Bridge Volumes

Month	Lower Trenton ^{1,5,7,10,12,13,17}	Calhoun Street	Scudder Falls ^{2,6,19}	Washington Crossing ^{11,13,16,21}	New Hope-Lambertville ^{3,9}	Centre Bridge-Stockton ^{18,20}	Uhlertown-Frenchtown	Upper Black Eddy-Milford ¹⁴	Riegelsville	Northampton Street	Riverton-Belvidere ⁴	Total
January	445,608	476,461	1,748,388	184,976	366,507	110,665	98,782	96,931	87,884	573,837	110,199	4,300,237
February	417,189	460,599	1,518,415	174,083	329,726	100,048	88,850	89,199	81,977	523,343	103,299	3,886,728
March	482,273	512,458	1,795,912	195,456	384,323	119,416	102,578	103,672	94,272	593,164	122,587	4,506,112
April	507,274	541,313	1,822,369	222,746	414,253	144,485	119,878	110,828	106,181	630,158	136,211	4,755,696
May	543,362	585,296	1,883,644	238,100	459,873	162,195	136,204	117,368	113,774	651,809	145,019	5,036,644
June	517,071	569,404	1,871,514	228,339	435,235	152,838	130,809	120,642	107,618	628,256	141,746	4,903,472
July	566,888	576,937	1,872,875	259,250	454,303	162,239	144,710	129,286	112,381	642,430	147,850	5,069,149
August	531,097	557,877	1,828,984	238,186	447,311	166,788	134,669	133,071	111,614	627,891	144,590	4,922,078
September	462,730	548,564	1,763,540	242,685	416,533	156,108	131,473	120,382	101,734	600,683	141,432	4,685,864
October	482,294	564,504	1,882,717	249,653	434,368	160,867	132,559	121,716	104,033	617,208	147,080	4,896,999
November	448,008	508,149	1,786,427	206,254	405,690	137,834	121,556	110,172	99,023	582,929	129,155	4,535,196
December	439,241	536,908	1,820,012	210,934	419,702	138,921	121,990	111,879	100,834	607,542	131,255	4,639,218
Total	5,843,036	6,438,469	21,594,797	2,650,661	4,967,825	1,712,404	1,464,058	1,365,146	1,221,325	7,279,251	1,600,423	56,137,393

Note Estimated figures due to adjustments shown in red. Data interpolated from 2014 and available 2015 volumes.

(1) Counter down 1-1-15 to 1-31-15. 2014 data interpolated and increased by 3.8%.

(2) Counter down 1-1-15 to 1-31-15. 2013 data interpolated and increased by 3.8%.

(3) Counter down 1-16-15 to 1-31-15. Data interpolated.

(4) Counter down 1-6-15 to 1-13-15. Data interpolated.

(5) Counter down 2-1-15 to 2-28-15. 2014 data interpolated and increased by 6.3%.

(6) Counter down 2-1-15 to 2-28-15. Data interpolated.

(7) Counter down 3-1-15 to 3-31-15. 2014 data interpolated and increased by 2.2%.

(8) Counter down 3-1-15 to 3-31-15. 2013 data interpolated and increased by 2.2%.

(9) Counter down 3-1-15 to 3-31-15. 2014 data interpolated and decreased by (2.5%).

(10) - Traffic Counter was removed on 4/21/15 as part of the TS-639B Lower Trenton TSB Approach Roadways Improvements. Traffic data interpolated using May 2014 data and factored by 6.94%.

(11) - Counter down 5/2/15 - 5/8/15, data interpolated.

(12) Counter down 6-1-15 to 6-30-15 due to paving contract TS639B. 2104 data interpolated and increased by 3.48%.

(13) Counter down 6-29-15 to 6-30-15. Data interpolated.

(14) Counter down WB 6-9-15 to 6-30-15. 2014 data interpolated.

(15) Counter down 8-1-15 to 8-31-15 due to paving Contract TS-639B. 2013 data interpolated and increased by

(16) Counter down 8-1-15 to 8-31-15. 2014 data interpolated and increased by 3.0%.

(17) Counter down 9-1-15 to 9-8-15. Data interpolated.

(18) Counter down 9-1-14 to 9-13-14. Data interpolated.

(19) Counter down 10-19-15 to 10-31-15. Data interpolated.

(20) Counter down 10-1-15 to 10-31-15. 2014 data interpolated and increased by 4%.

(21) Eastbound & Westbound data reversed. Counter not corrected correctly.

Table A-15 2016 Toll-Supported Bridge Volumes

Month	Lower Trenton ³	Calhoun Street ^{13,15}	Scudder Falls ^{1,4,6,8,11,16,22,28,30}	Washington Crossing ^{7,9,10,12,14,17,19,23}	New Hope-Lambertville ^{2,5,20,28,32}	Centre Bridge-Stockton ^{18,21,24,29,33}	Uhlerstown-Frenchtown	Upper Black Eddy-Milford	Riegelsville	Northampton Street ²⁵	Riverton-Belvidere	Total
January	413,128	487,419	1,685,535	191,725	329,126	115,096	105,297	99,914	88,754	545,485	120,113	4,181,592
February	406,614	472,030	1,713,515	188,306	377,946	114,602	104,840	96,356	88,395	543,510	118,303	4,224,417
March	431,844	547,279	1,836,367	224,098	396,076	132,117	129,676	114,083	102,962	619,076	138,094	4,671,672
April	434,170	539,164	1,852,400	229,991	404,580	140,625	131,783	104,321	104,441	610,023	137,115	4,688,613
May	462,786	562,880	1,903,617	247,991	425,356	146,298	146,385	116,495	109,762	624,494	145,224	4,891,288
June	482,837	565,905	1,911,111	239,314	436,988	151,910	148,302	124,580	113,653	617,102	144,360	4,936,062
July	493,990	561,460	1,826,439	237,498	445,360	145,583	149,302	125,271	116,049	629,082	144,855	4,874,889
August	493,674	546,340	1,909,986	250,774	432,949	160,515	145,685	120,943	114,075	617,089	143,873	4,935,303
September	467,287	542,042	1,828,913	252,415	409,372	153,147	142,878	118,860	104,715	574,013	139,516	4,733,157
October	469,855	525,574	1,930,354	257,466	421,441	154,140	142,246	112,945	104,651	587,031	141,114	4,846,816
November	444,548	499,155	1,880,559	215,885	397,668	134,951	126,200	109,875	98,187	542,444	127,388	4,576,860
December	451,915	512,132	1,806,287	208,281	394,553	131,983	122,808	102,713	100,343	559,268	126,107	4,516,390
Total	5,452,648	6,361,380	22,084,483	2,743,743	4,871,416	1,680,965	1,595,402	1,346,356	1,245,987	7,068,617	1,626,062	56,077,059

Note Estimated figures due to adjustments shown in red. Data interpolated from 2014 and available 2015 volumes.

- (1) Counter down 1-1-16 to 1-19-16. Data intrpolated.
- (2) Counter down 1-1-16 to 1-14-16. Data Interpolated.
- (3) Counter down 2-19-16 to 2-23-16. Data interpolated.
- (4) Counter down 2-1-16 to 2-29-16. 2015 data interpolated and increased by 12.5%.
- (5) Counter down 2-1-16 to 2-29-16. 2015 data increased by 5.0%.
- (6) Counter down 3-1-16 to 3-9-16 & 3-28-16 to 3-31-16. Data interpolated.
- (7) Counter down 3-1-16 to 3-31-16. 2015 data interpolated and increased by 12.6%.
- (8) Counter down 4-1-16 to 4-8-16. Data interpolated.
- (9) Counter down 4-1-16 to 4-30-16. Data interpolated & increased by 4%.
- (10) Counter down 5/1/16 - 5/5/16. Data interpolated..
- (11) Counter down 6-1-16 to 6-4-16 . Data interpolated.
- (12) Counter down 6-1-16 to 6-30-16. Data interpolated & increased by 3.75%.
- (13) Counter down 7-25-16 to 7-31-16 Data interpolated.
- (14) Counter down 7-1-16 to 7-31-16. 2015 data interpolated.
- (15) Counter down 8-1-16 to 8-8-16 .2 Data interpolated.
- (16) Counter down 8-26-16 to 8-31-16. Data interpolated.
- (17) Counter down 8-1-16 to 8-31-16. 2014 data interpolated and increased by 4.5%.
- (18) Counter down 8-1-16 to 8-31-16. 2015 data interpolated and decreased by 3.0%.
- (19) Counter down 9-1-16 to 9-30-16. 2015 data interpolated & increased by 4.0%.
- (20) Counter down 9-1-16 to 9-30-16. 2015 data interpolated & decreased by -2.0%.
- (21) Counter down 9-1-16 to 9-30-16. 2015 data interpolated & decreased by -2.0%.
- (22) Counter down 10-1-16 to 10-31-16. 2015 data interpolated & increased by 3.5%.
- (23) Counter down 10-1-16 to 10-31-16. 2015 data interpolated & increased by 3.5%.
- (24) Counter down 10-1-16 to 10-31-16. 2014 data interpolated.
- (25) Counter down 10-16-16 to 10-31-16. Data interpolated.
- (26) Counter down, used Nov. 2015 data and incerased by 3.96%
- (27) Counter down, used Nov. 2015 data and increased by 3.96%.
- (28) Counter down 11/21/16 - 11/30/16, data interpolated.
- (29) Counter down, used Nov. 2015 data and decreased by 2.29%
- (30) Counter down 12-1-16 to 12-31-16. 2015 data interpolated.
- (31) Counter down 12-1-16 to 12-31-16. 2015 data interpolated.
- (32) Counter down 12-1-16 to 12-31-16. 2015 data interpolated and decreased by 6.0%.
- (33) Counter down 12-1-16 to 12-31-16. 2015 data interpolated and decreased by 6.0%.

Table A-16 2017 Toll-Supported Bridge Volumes

Month	Lower Trenton	Calhoun Street	Scudder Falls ¹	Washington Crossing ³	New Hope-Lambertville	Centre Bridge-Stockton	Uhlerstown-Frenchtown	Upper Black Eddy-Milford	Riegelsville	Northampton Street ²	Riverton-Belvidere	Total
January	441,068	487,759	1,760,371	164,802	391,982	114,283	114,820	104,279	90,129	536,732	119,620	4,325,845
February	434,828	485,466	1,686,423	159,997	356,677	106,160	119,457	98,340	85,712	576,877	134,551	4,244,488
March	465,811	521,347	1,804,646	169,155	382,710	120,956	129,805	102,045	92,177	589,618	152,466	4,530,736
April	466,585	509,789	1,820,751	185,248	410,708	145,931	140,030	111,304	102,423	588,406	168,656	4,649,831
May	491,325	510,749	1,874,788	196,032	435,433	156,464	144,449	117,575	105,696	540,153	173,942	4,746,606
June	492,695	506,457	1,866,923	197,690	451,042	161,131	133,807	117,105	108,683	544,001	171,481	4,751,015
July	488,261	485,475	1,788,722	189,485	425,284	163,373	150,857	114,490	108,674	539,497	160,015	4,614,133
August	491,902	511,159	1,870,566	191,718	381,959	159,334	142,075	113,577	107,782	607,523	154,803	4,732,398
September	466,429	498,926	1,736,494	186,726	374,584	151,077	129,981	107,307	102,183	574,116	145,091	4,472,914
October	471,706	505,793	1,834,498	194,007	391,610	150,498	148,744	110,526	102,940	582,054	156,631	4,649,007
November	444,418	491,399	1,746,968	177,906	376,271	135,072	140,451	102,870	95,509	556,951	143,457	4,411,272
December	440,955	496,522	1,673,015	163,990	408,132	129,081	119,748	102,903	96,370	578,218	144,331	4,353,265
Total	5,595,983	6,010,841	21,464,166	2,176,756	4,786,392	1,693,360	1,614,224	1,302,321	1,198,278	6,814,146	1,825,044	54,481,510

Note Estimated figures due to adjustments shown in red. Data interpolated from 2016 and available 2017 volumes.

- (1) New counter not recording correct NB LL traffic. 2015/16 data interpolated and increased by 17%.
- (2) Counter down in the EB RL from 1-1-17 to 1-15-17. 2015 data interpolated
- (3) Error with counter on 7-18-17. Data interpolated.

Table A-17 2018 Toll-Supported Bridge Volumes

Month	Lower Trenton	Calhoun Street ⁴	Scudder Falls ^{1,2,3}	Washington Crossing	New Hope-Lambertville ^{3,6}	Centre Bridge-Stockton	Uhlerstown-Frenchtown	Upper Black Eddy-Milford	Riegelsville	Northampton Street	Riverton-Belvidere	Total
January	420,701	472,577	1,554,131	164,381	471,953	115,397	111,865	96,959	87,004	539,951	137,306	4,172,225
February	406,882	449,608	1,367,638	150,472	413,051	108,772	104,694	89,325	80,983	499,361	125,967	3,796,753
March	446,416	477,203	1,470,884	163,011	444,517	124,305	127,743	101,591	92,754	512,041	148,786	4,109,251
April	474,106	503,330	1,668,438	184,881	429,129	138,930	161,732	108,908	103,465	515,527	158,500	4,446,946
May	503,217	531,477	1,693,111	195,129	418,663	154,115	177,358	115,352	107,145	547,795	162,440	4,605,802
June	486,214	497,570	1,745,881	193,100	370,990	156,367	170,319	111,594	107,564	543,547	159,478	4,542,624
July	485,249	495,080	1,694,966	188,561	349,250	158,741	178,771	112,730	107,031	545,991	161,346	4,477,716
August	486,965	505,319	1,710,731	193,851	356,798	154,128	169,384	112,364	103,320	543,552	156,200	4,492,612
September	448,998	474,296	1,587,924	192,007	366,166	144,770	152,966	105,321	95,423	501,765	149,660	4,219,296
October	464,993	488,399	1,635,968	204,130	424,273	153,767	142,407	109,627	99,370	506,537	155,923	4,385,394
November	428,623	432,762	1,578,119	182,012	422,477	137,839	122,958	102,429	93,150	483,587	140,570	4,124,526
December	436,342	453,131	1,562,973	178,830	433,783	138,411	129,537	104,427	94,667	505,056	141,875	4,179,032
Total	5,488,706	5,780,752	19,270,764	2,190,365	4,901,050	1,685,542	1,749,734	1,270,627	1,171,876	6,244,710	1,798,051	51,552,176

Note Estimated figures due to adjustments shown in red. Data interpolated from 2017 and available 2018 volumes.

- (1) Scudder Falls bridge under construction since June 2017.
(2) Counter down 3-3-18 to 3-15-18. Data interpolated.
(3) Counter miscounted on 8 days. Data interpolated.
(4) Counter down 4-16-18 and 4-17-18 due to power failure. Data interpolated.
(5) Northbound counter error 4-25-18 to 4-29-18. Data interpolated.
(6) Traffic Counts at NH-L were determined to be incorrect. The sensor at the facility was recalibrated.

Table A-18 2019 Toll-Supported Bridge Volumes

Month	Lower Trenton	Calhoun Street	Scudder Falls ^{1,2}	Washington Crossing	New Hope-Lambertville ⁴	Centre Bridge-Stockton	Uhlerstown-Frenchtown ^{3,6}	Upper Black Eddy-Milford	Riegelsville	Northampton Street ^{5,7}	Riverton-Belvidere	Total
January	427,734	424,302	1,503,716	160,929	378,643	120,697	129,124	96,387	84,919	487,946	135,710	3,950,107
February	395,774	396,802	1,356,928	153,128	348,599	107,232	129,112	88,979	78,983	453,910	126,065	3,635,512
March	463,662	459,538	1,529,699	192,485	418,890	131,431	154,761	103,942	93,799	518,329	154,144	4,220,680
April	464,454	475,326	1,545,930	211,385	399,685	147,235	174,155	107,880	99,815	513,660	157,065	4,296,590
May	485,541	493,964	1,579,224	233,317	384,459	169,751	191,628	114,098	107,059	528,616	168,997	4,456,654
June	481,275	483,056	1,593,141	229,031	367,586	166,442	186,208	110,076	107,683	534,018	169,830	4,428,346
July	520,453	508,784	588,111	262,922	357,426	172,158	189,273	112,428	108,809	549,490	169,976	3,539,830
August	507,960	526,146	-	279,397	378,733	174,952	179,496	111,486	108,317	547,340	168,486	2,982,313
September	479,092	485,789	-	243,548	360,985	162,850	151,397	104,544	98,146	506,795	158,383	2,751,529
October	493,882	484,464	-	255,524	399,213	164,314	169,750	109,978	101,504	507,892	160,609	2,847,130
November	466,685	456,074	-	224,876	385,550	154,101	155,391	104,447	94,824	498,655	144,902	2,685,505
December	475,240	418,038	-	214,374	418,339	144,808	150,094	103,103	90,810	511,615	137,124	2,663,545
Total	5,661,752	5,612,283	9,696,749	2,660,916	4,598,108	1,815,971	1,960,389	1,267,348	1,174,668	6,158,266	1,851,291	42,457,741

Note Estimated figures due to adjustments shown in red. Data interpolated from 2018 and available 2019 volumes.

- (1) Traffic Counter was deactivated July 10 when PA bound traffic was moved to new bridge.
(2) On July 14, 2019, Scudder Falls became a Toll Bridge.
(3) 3/19 Data Interpolated
(4) In July traffic counts at NH-L were determined to be incorrect. The sensor at the facility was recalibrated.
(5) Counter down from May 1 - 9. Data interpolated.
(6) Counter down from May 19-22. Data interpolated.
(7) Counter error 4/25-4/30. Data interpolated.

Table A-19 - 2003 Toll Bridge Volumes

Class	Trenton-Morrisville	New Hope-Lambertville	Interstate 78	Easton-Phillipsburg	Portland-Columbia	Delaware Water Gap (I-80)	Milford-Montague	Total
Passenger Car	5,768,483	1,414,641	6,541,760	5,011,429	1,082,374	8,057,439	1,229,834	29,105,960
2-axle truck	145,020	39,377	199,840	154,235	27,528	143,521	21,418	730,939
3-axle truck	60,411	21,936	102,434	62,981	9,415	87,427	5,139	349,743
4-axle truck	46,618	7,097	115,586	41,555	5,795	52,233	2,145	271,029
5-axle truck	165,587	26,497	1,891,300	259,050	28,508	1,108,058	10,626	3,489,626
6-axle truck	1,404	799	30,728	3,841	226	19,127	119	56,244
7-axle truck	122	42	1,101	205	5	981	41	2,497
special permit	69	1	809	75	10	780	7	1,751
Total	6,187,714	1,510,390	8,883,558	5,533,371	1,153,861	9,469,566	1,269,329	34,007,789

Table A-20 - 2004 Toll Bridge Volumes

Class	Trenton-Morrisville	New Hope-Lambertville	Interstate 78	Easton-Phillipsburg	Portland-Columbia	Delaware Water Gap (I-80)	Milford-Montague	Total
Passenger Car	6,281,830	2,026,746	6,974,743	5,551,047	1,162,560	8,488,847	1,311,848	31,797,621
2-axle truck	159,655	52,056	222,516	168,748	28,720	161,134	22,786	815,615
3-axle truck	71,473	24,171	93,683	60,320	11,677	93,075	5,328	359,727
4-axle truck	50,275	7,797	111,525	45,422	6,149	57,861	1,929	280,958
5-axle truck	169,038	27,141	1,946,024	263,362	31,778	1,128,514	10,495	3,576,352
6-axle truck	1,594	804	35,967	4,853	453	20,887	107	64,665
7-axle truck	146	67	1,379	211	14	1,346	38	3,201
special permit	-	-	8	-	-	69	3	80
Total	6,734,011	2,138,782	9,385,845	6,093,963	1,241,351	9,951,733	1,352,534	36,898,219

Table A-21- 2005 Toll Bridge Volumes

Class	Trenton-Morrisville	New Hope-Lambertville	Interstate 78	Easton-Phillipsburg	Portland-Columbia	Delaware Water Gap (I-80)	Milford-Montague	Total
Passenger Car	6,588,111	1,700,215	7,226,070	5,690,754	1,217,782	8,493,107	1,300,872	32,216,911
2-axle truck	172,109	50,979	231,076	173,094	29,958	161,724	23,234	842,174
3-axle truck	74,247	26,248	99,176	64,105	10,874	95,818	5,244	375,712
4-axle truck	55,136	7,052	119,102	42,727	6,780	63,106	1,887	295,790
5-axle truck	185,618	26,682	1,922,988	263,496	34,076	1,120,941	10,014	3,563,815
6-axle truck	1,876	718	38,604	5,826	705	20,884	99	68,712
7-axle truck	132	48	1,420	252	12	1,246	24	3,134
special permit	-	4	12	-	-	64	-	80
Total	7,077,229	1,811,946	9,638,448	6,240,254	1,300,187	9,956,890	1,341,374	37,366,328

Table A-22 - 2006 Toll Bridge Volumes

Class	Trenton-Morrisville	New Hope-Lambertville	Interstate 78	Easton-Phillipsburg	Portland-Columbia	Delaware Water Gap (I-80)	Milford-Montague	Total
Passenger Car	6,805,085	1,720,641	7,605,954	5,702,051	1,221,400	8,590,643	1,303,872	32,949,646
2-axle truck	181,550	56,265	236,629	168,505	30,743	162,397	24,278	860,367
3-axle truck	78,038	31,139	104,217	64,531	10,287	95,676	5,228	389,116
4-axle truck	58,329	6,938	127,958	48,881	8,645	63,265	1,946	315,962
5-axle truck	194,518	26,910	1,943,206	250,482	34,464	1,124,054	9,380	3,583,014
6-axle truck	1,769	757	41,381	6,699	589	19,712	78	70,985
7-axle truck	136	52	1,485	177	13	1,376	18	3,257
special permit	-	1	8	-	-	42	-	51
Total	7,319,425	1,842,703	10,060,838	6,241,326	1,306,141	10,057,165	1,344,800	38,172,398

Table A-23 - 2007 Toll Bridge Volumes

Class	Trenton-Morrisville	New Hope-Lambertville	Interstate 78	Easton-Phillipsburg	Portland-Columbia	Delaware Water Gap (I-80)	Milford-Montague	Total
Passenger Car	6,396,032	1,894,591	7,821,489	5,742,513	1,365,195	8,501,039	1,310,047	33,030,906
2-axle truck	176,380	57,425	235,204	164,859	30,772	162,971	26,171	853,782
3-axle truck	83,143	28,569	106,916	59,599	12,364	96,380	4,545	391,516
4-axle truck	61,861	7,614	124,799	60,400	7,980	67,828	2,011	332,493
5-axle truck	178,566	28,473	1,877,951	210,038	33,480	1,175,507	8,921	3,512,936
6-axle truck	1,493	964	42,808	3,351	475	23,663	85	72,839
7-axle truck	39	50	1,123	113	9	1,104	11	2,449
special permit	-	-	9	-	-	38	-	47
Total	6,897,514	2,017,686	10,210,299	6,240,873	1,450,275	10,028,530	1,351,791	38,196,968

Table A-24 - 2008 Toll Bridge Volumes

Class	Trenton-Morrisville	New Hope-Lambertville	Interstate 78	Easton-Phillipsburg	Portland-Columbia	Delaware Water Gap (I-80)	Milford-Montague	Total
Passenger Car	6,107,545	1,758,949	7,559,187	5,925,210	1,274,654	8,290,964	1,265,773	32,182,282
2-axle truck	175,125	55,234	230,345	159,893	29,250	153,827	26,692	830,366
3-axle truck	85,360	24,051	103,599	61,563	12,887	92,137	4,486	384,083
4-axle truck	65,417	6,669	116,043	60,317	8,791	62,497	1,569	321,303
5-axle truck	171,432	25,391	1,831,467	215,992	32,306	1,090,089	8,917	3,375,594
6-axle truck	1,776	749	49,371	3,055	295	24,637	129	80,012
7-axle truck	33	23	1,379	71	12	1,036	8	2,562
special permit	-	1	8	-	-	49	-	58
Total	6,606,688	1,871,067	9,891,399	6,426,101	1,358,195	9,715,236	1,307,574	37,176,260

Table A-25 - 2009 Toll Bridge Volumes

Class	Trenton-Morrisville	New Hope-Lambertville	Interstate 78	Easton-Phillipsburg	Portland-Columbia	Delaware Water Gap (I-80)	Milford-Montague	Total
Passenger Car	6,295,506	1,853,211	7,791,397	5,755,012	1,242,932	8,389,765	1,257,979	32,585,802
2-axle truck	168,865	57,087	216,745	146,489	28,857	146,366	22,466	786,875
3-axle truck	65,994	19,705	94,012	48,270	9,132	85,801	3,645	326,559
4-axle truck	49,557	5,645	105,485	54,877	9,403	49,796	1,475	276,238
5-axle truck	144,868	25,843	1,737,739	207,313	29,159	1,026,829	7,466	3,179,217
6-axle truck	1,531	540	45,027	2,424	255	20,928	93	70,798
7-axle truck	27	42	1,195	62	45	736	8	2,115
special permit	-	-	10	-	-	32	-	42
Total	6,726,348	1,962,073	9,991,610	6,214,447	1,319,783	9,720,253	1,293,132	37,227,646

Table A-26 - 2010 Toll Bridge Volumes

Class	Trenton-Morrisville	New Hope-Lambertville	Interstate 78	Easton-Phillipsburg	Portland-Columbia	Delaware Water Gap (I-80)	Milford-Montague	Total
Passenger Car	7,371,984	1,821,912	7,991,887	5,804,769	1,325,985	8,286,185	1,273,766	33,876,488
2-axle truck	193,415	55,412	212,663	149,537	29,753	150,526	22,285	813,591
3-axle truck	72,859	19,344	98,774	47,222	11,088	90,065	3,223	342,575
4-axle truck	57,380	7,372	124,014	36,986	11,769	51,605	1,554	290,680
5-axle truck	160,172	25,637	1,793,766	184,522	32,033	1,018,100	6,889	3,221,119
6-axle truck	1,697	589	47,625	2,379	331	26,319	83	79,023
7-axle truck	30	45	2,722	45	11	856	8	3,717
special permit	-	-	6	-	-	34	-	40
Total	7,857,537	1,930,311	10,271,457	6,225,460	1,410,970	9,623,690	1,307,808	38,627,233

Table A-27 - 2011 Toll Bridge Volumes

Class	Trenton-Morrisville	New Hope-Lambertville	Interstate 78	Easton-Phillipsburg	Portland-Columbia	Delaware Water Gap (I-80)	Milford-Montague	Total
Passenger Car	7,297,867	1,808,633	8,279,687	5,346,229	1,287,540	7,919,943	1,214,086	33,153,985
2-axle truck	199,949	57,104	231,071	141,994	27,959	143,266	21,084	822,427
3-axle truck	69,632	18,764	114,082	46,092	11,676	92,400	3,511	356,157
4-axle truck	57,171	7,819	132,317	34,920	13,088	59,447	1,821	306,583
5-axle truck	185,598	26,562	1,882,116	159,328	31,001	964,013	6,921	3,255,539
6-axle truck	1,298	648	50,761	2,002	503	26,614	65	81,891
7-axle truck	47	41	5,210	55	11	1,585	7	6,956
special permit	-	-	10	3	-	25	1	39
Total	7,811,562	1,919,571	10,695,254	5,730,623	1,371,778	9,207,293	1,247,496	37,983,577

Table A-28 - 2012 Toll Bridge Volumes

Class	Trenton-Morrisville	New Hope-Lambertville	Interstate 78	Easton-Phillipsburg	Portland-Columbia	Delaware Water Gap (I-80)	Milford-Montague	Total
Passenger Car	7,423,733	1,772,789	8,516,402	5,008,615	1,212,285	7,811,528	1,178,289	32,923,641
2-axle truck	202,073	56,313	237,075	134,725	26,370	140,092	20,052	816,700
3-axle truck	64,620	18,497	124,013	39,826	14,919	90,847	3,314	356,036
4-axle truck	59,455	8,279	136,607	31,832	9,931	62,679	1,828	310,611
5-axle truck	182,376	28,552	1,968,650	129,756	29,726	981,139	7,051	3,327,250
6-axle truck	1,958	549	57,156	1,432	692	27,984	65	89,836
7-axle truck	35	47	6,161	41	-	1,570	16	7,870
special permit	-	-	6	3	-	12	-	21
Total	7,934,250	1,885,026	11,046,070	5,346,230	1,293,923	9,115,851	1,210,615	37,831,965

Table A-29 - 2013 Toll Bridge Volumes

Class	Trenton-Morrisville	New Hope-Lambertville	Interstate 78	Easton-Phillipsburg	Portland-Columbia	Delaware Water Gap (I-80)	Milford-Montague	Total
Passenger Car	7,470,065	1,814,421	8,428,174	4,794,140	1,119,966	7,884,760	1,209,411	32,720,937
2-axle truck	212,161	61,816	249,998	132,598	25,120	144,228	21,446	847,367
3-axle truck	80,413	18,863	138,341	40,400	11,067	86,797	4,075	379,956
4-axle truck	70,723	8,328	156,674	38,460	11,084	69,827	1,926	357,022
5-axle truck	185,706	29,138	2,034,255	127,619	25,886	1,004,042	7,168	3,413,814
6-axle truck	1,847	562	66,916	1,499	272	31,819	69	102,984
7-axle truck	47	50	8,278	34	1	1,945	9	10,364
special permit	-	-	4	-	-	23	-	27
Total	8,020,962	1,933,178	11,082,640	5,134,750	1,193,396	9,223,441	1,244,104	37,832,471

Table A-30 - 2014 Toll Bridge Volumes

Class	Trenton-Morrisville	New Hope-Lambertville	Interstate 78	Easton-Phillipsburg	Portland-Columbia	Delaware Water Gap (I-80)	Milford-Montague	Total
Passenger Car	7,548,671	1,841,656	8,635,506	4,632,064	1,112,912	7,857,877	1,227,131	32,855,817
2-axle truck	221,314	58,705	257,506	124,212	25,392	145,374	23,744	856,247
3-axle truck	82,788	19,042	138,758	33,180	13,410	85,446	3,255	375,879
4-axle truck	84,678	8,306	179,539	30,567	9,432	73,267	1,678	387,467
5-axle truck	187,757	31,532	2,095,950	106,925	28,828	1,003,255	6,995	3,461,242
6-axle truck	1,724	664	67,456	1,138	234	28,559	78	99,853
7-axle truck	93	48	8,209	26	2	1,995	5	10,378
special permit	-	-	-	-	-	18	-	18
Total	8,127,025	1,959,953	11,382,924	4,928,112	1,190,210	9,195,791	1,262,886	38,046,901

Table A-31 - 2015 Toll Bridge Volumes

Class	Trenton-Morrisville	New Hope-Lambertville	Interstate 78	Easton-Phillipsburg	Portland-Columbia	Delaware Water Gap (I-80)	Milford-Montague	Total
Passenger Car	8,038,843	1,844,341	8,871,099	4,918,925	1,145,772	8,119,795	1,279,570	34,218,345
2-axle truck	227,189	58,188	267,863	128,646	30,307	149,928	26,109	888,230
3-axle truck	84,844	18,851	148,869	35,904	14,105	86,845	3,634	393,052
4-axle truck	89,944	8,907	194,941	33,621	22,181	93,206	1,752	444,552
5-axle truck	185,240	32,369	2,177,626	114,555	32,311	1,037,847	7,649	3,587,597
6-axle truck	1,363	858	68,988	1,102	441	28,995	147	101,894
7-axle truck	116	60	7,725	34	65	1,787	17	9,804
special permit	-	1	4	1	-	7	-	13
Total	8,627,539	1,963,575	11,737,115	5,232,788	1,245,182	9,518,410	1,318,878	39,643,487

Table A-32 - 2016 Toll Bridge Volumes

Class	Trenton-Morrisville	New Hope-Lambertville	Interstate 78	Easton-Phillipsburg	Portland-Columbia	Delaware Water Gap (I-80)	Milford-Montague	Total
Passenger Car	8,406,934	1,840,799	9,102,926	5,089,420	1,185,340	8,351,245	1,301,165	35,277,829
2-axle truck	230,021	58,223	276,044	128,788	27,388	158,796	25,995	905,255
3-axle truck	96,397	20,779	151,021	37,320	10,494	88,030	3,399	407,440
4-axle truck	93,820	9,337	190,711	33,674	24,133	93,805	2,122	447,602
5-axle truck	174,128	32,653	2,243,050	124,949	33,178	1,066,350	8,013	3,682,321
6-axle truck	1,064	1,213	69,253	1,523	299	30,578	82	104,012
7-axle truck	84	46	6,775	36	22	1,767	11	8,741
special permit	2	1	10	-	-	13	-	26
Total	9,002,450	1,963,051	12,039,790	5,415,710	1,280,854	9,790,584	1,340,787	40,833,226

Table A-33 - 2017 Toll Bridge Volumes

Class	Trenton-Morrisville	New Hope-Lambertville	Interstate 78	Easton-Phillipsburg	Portland-Columbia	Delaware Water Gap (I-80)	Milford-Montague	Total
Passenger Car	8,792,379	1,851,362	8,960,571	5,052,071	1,182,950	8,340,246	1,272,963	35,452,542
2-axle truck	178,084	43,800	302,155	84,107	18,402	190,428	17,630	834,606
3-axle truck	117,937	20,706	195,795	37,038	9,232	121,285	3,944	505,937
4-axle truck	105,696	8,507	217,754	31,129	27,739	123,696	3,175	517,696
5-axle truck	233,724	35,319	2,270,796	127,787	34,608	1,002,276	9,206	3,713,716
6-axle truck	2,113	1,090	72,822	1,351	458	32,774	100	110,708
7-axle truck	206	40	3,260	37	17	852	19	4,431
special permit	-	-	1	-	-	-	-	1
Total	9,430,139	1,960,824	12,023,154	5,333,520	1,273,406	9,811,557	1,307,037	41,139,637

Table A-34 - 2018 Toll Bridge Volumes

Class	Trenton-Morrisville	New Hope-Lambertville	Interstate 78	Easton-Phillipsburg	Portland-Columbia	Delaware Water Gap (I-80)	Milford-Montague	Total
Passenger Car	8,666,684	1,814,580	8,547,937	5,061,475	1,194,251	8,090,093	1,246,711	34,621,731
2-axle truck	188,743	48,750	289,230	102,681	20,224	200,331	18,852	868,811
3-axle truck	121,963	17,568	157,744	36,431	8,258	111,971	3,972	457,907
4-axle truck	90,330	10,433	232,953	32,661	36,793	103,545	2,460	509,175
5-axle truck	247,458	35,519	2,286,670	128,918	36,399	1,022,806	9,991	3,767,761
6-axle truck	2,237	1,312	75,832	1,257	541	33,759	139	115,077
7-axle truck	216	52	2,913	46	23	1,352	9	4,611
special permit	-	-	-	-	-	-	-	-
Total	9,317,631	1,928,214	11,593,279	5,363,469	1,296,489	9,563,857	1,282,134	40,345,073

Table A-35 - 2019 Toll Bridge Volumes

Class	Trenton-Morrisville	Scudder Falls ¹	New Hope-Lambertville	Interstate 78	Easton-Phillipsburg	Portland-Columbia	Delaware Water Gap (I-80)	Milford-Montague	Total
Passenger Car	9,020,765	3,755,095	1,797,330	8,604,157	5,061,537	1,219,644	8,086,043	1,215,298	38,759,869
2-axle truck	264,266	89,199	57,592	299,728	115,778	23,238	199,027	20,720	1,069,548
3-axle truck	111,137	20,146	13,373	155,643	41,056	9,194	86,906	5,005	442,460
4-axle truck	82,849	16,902	12,203	239,891	35,542	45,295	93,434	3,692	529,808
5-axle truck	270,288	100,048	38,426	2,371,213	121,652	40,568	1,105,723	11,166	4,059,084
6-axle truck	2,134	1,471	1,789	85,125	1,205	577	34,358	192	126,851
7-axle truck	232	263	30	1,513	49	32	1,408	6	3,533
special permit	-	-	-	-	-	-	-	-	-
Total	9,751,671	3,983,124	1,920,743	11,757,270	5,376,819	1,338,548	9,606,899	1,256,079	44,991,153

(1) The conversion of the Scudder Falls Bridge (I-295) from a toll-supported facility to a tolled facility began on July 14, 2019.

APPENDIX B

BACKGROUND TRAFFIC GROWTH ANALYSIS WORKSHEETS DRJTBC TOLL BRIDGES

DRJTX19003



Table B-1: 2014-2019 Adjusted Toll Bridge Traffic Volumes

Trenton-Morrisville Toll Bridge

Class	Adjusted 2014	Adjusted 2015	Adjusted 2016	Adjusted 2017	Adjusted 2018	Counted 2019	2019 Const. Adjustment	2019 Toll Adjustment	Adjusted 2019
1 - passenger car	7,620,214	8,057,047	8,416,055	8,479,196	8,405,342	9,020,765	-240,528	-270,825	8,509,413
2 - 2-axle truck	223,642	227,869	229,718	181,739	183,304	264,266	-5,006	-18,579	240,681
3 - 3-axle truck	83,634	85,117	95,797	100,269	116,298	111,137	-5,214	-5,661	100,262
4 - 4-axle truck	85,440	90,267	93,072	98,291	85,968	82,849	-4,015	-1,417	77,417
5 - 5-axle truck	189,642	186,095	175,317	208,227	238,318	270,288	-8,412	-29,865	232,010
6 - 6-axle truck	1,739	1,375	1,063	1,915	2,167	2,134	-64	-231	1,838
7 - 7-axle truck	94	117	84	185	207	232	-8	-51	173
8 - special permit	-	-	2	-	-	-	-	-	-
total trucks	584,191	590,840	595,053	590,626	626,261	730,906	-22,719	-55,805	652,383
total toll vehicles	8,204,405	8,647,887	9,011,109	9,069,822	9,031,603	9,751,671	-263,247	-326,629	9,161,795

Scudder Falls

Class	Adjusted 2014	Adjusted 2015	Adjusted 2016	Adjusted 2017	Adjusted 2018	Counted 2019*	2019 Const. Adjustment	2019 Toll Adjustment	Adjusted 2019
1 - passenger car	-	-	-	-	-	8,806,214	632,968	712,697	10,151,878
2 - 2-axle truck	-	-	-	-	-	205,786	13,173	48,893	267,852
3 - 3-axle truck	-	-	-	-	-	45,826	13,721	14,897	74,443
4 - 4-axle truck	-	-	-	-	-	32,270	10,565	3,729	46,564
5 - 5-axle truck	-	-	-	-	-	220,954	22,137	78,593	321,684
6 - 6-axle truck	-	-	-	-	-	2,806	170	609	3,584
7 - 7-axle truck	-	-	-	-	-	616	22	133	772
8 - special permit	-	-	-	-	-	-	-	-	-
total trucks	-	-	-	-	-	508,258	59,787	146,854	714,899
total toll vehicles	11,323,266	11,490,121	11,864,387	11,865,361	11,703,180	9,314,472	692,755	859,551	10,866,777

*Scudder Falls Bridge converted to toll bridge on July 14, 2019. Volume represents 2019 westbound volume from toll-supported bridge and toll bridge. Class breakdown of toll-supported volume was estimated based on breakdown provided with tolling data from July 14-December 31.

New Hope-Lambertville Toll Bridge

Class	Adjusted 2014	Adjusted 2015	Adjusted 2016	Adjusted 2017	Adjusted 2018	Adjusted 2019
1 - passenger car	1,860,302	1,852,174	1,845,983	1,862,974	1,814,580	1,797,330
2 - 2-axle truck	59,326	58,392	58,295	48,123	48,750	57,592
3 - 3-axle truck	19,185	18,900	20,795	21,396	17,568	13,373
4 - 4-axle truck	8,394	8,949	9,357	6,364	10,433	12,203
5 - 5-axle truck	31,853	32,479	32,679	33,215	35,519	38,426
6 - 6-axle truck	670	872	1,223	1,096	1,312	1,789
7 - 7-axle truck	49	60	46	40	52	30
8 - special permit	-	1	-	-	-	-
total trucks	119,477	119,653	122,394	110,233	113,634	123,413
total toll vehicles	1,979,779	1,971,828	1,968,378	1,973,208	1,928,214	1,920,743

Interstate 78 Toll Bridge

Class	Adjusted 2014	Adjusted 2015	Adjusted 2016	Adjusted 2017	Adjusted 2018	Adjusted 2019
1 - passenger car	8,433,303	8,903,526	9,116,612	9,001,533	8,553,558	8,604,157
2 - 2-axle truck	257,290	268,661	275,388	321,662	289,307	299,728
3 - 3-axle truck	138,645	149,362	150,601	203,374	157,862	155,643
4 - 4-axle truck	179,434	195,545	189,812	196,964	233,270	239,891
5 - 5-axle truck	2,094,257	2,182,575	2,239,250	2,279,621	2,288,597	2,371,213
6 - 6-axle truck	67,426	69,249	69,091	73,196	75,908	85,125
7 - 7-axle truck	8,213	7,760	6,745	3,303	2,913	1,513
8 - special permit	-	-	10	1	-	-
total trucks	2,745,265	2,873,153	2,930,898	3,078,121	3,047,856	3,153,113
total toll vehicles	11,178,568	11,776,679	12,047,509	12,079,654	11,601,414	11,757,270

Table B-1: 2014-2019 Adjusted Toll Bridge Traffic Volumes (Cont.)

Easton-Phillipsburg Toll Bridge

Class	Adjusted 2014	Adjusted 2015	Adjusted 2016	Adjusted 2017	Adjusted 2018	Adjusted 2019
1 - passenger car	5,059,917	4,948,361	5,108,723	5,076,044	5,063,204	5,061,537
2 - 2-axle truck	135,288	129,353	128,702	91,972	106,037	115,778
3 - 3-axle truck	36,362	36,149	37,260	32,855	36,431	41,056
4 - 4-axle truck	33,127	34,284	33,601	31,267	32,704	35,542
5 - 5-axle truck	117,464	116,234	124,834	125,529	128,952	121,652
6 - 6-axle truck	1,251	1,131	1,522	1,355	1,277	1,205
7 - 7-axle truck	29	34	34	37	143	49
8 - special permit	-	-	-	-	-	-
total trucks	323,521	317,185	325,953	283,015	305,544	315,282
total toll vehicles	5,383,438	5,265,546	5,434,676	5,359,059	5,368,748	5,376,819

Portland Columbia Toll Bridge

Class	Adjusted 2014	Adjusted 2015	Adjusted 2016	Adjusted 2017	Adjusted 2018	Adjusted 2019
1 - passenger car	1,117,889	1,150,657	1,186,686	1,187,160	1,194,251	1,219,644
2 - 2-axle truck	25,525	30,404	27,360	22,979	20,224	23,238
3 - 3-axle truck	13,445	14,131	10,460	10,824	8,258	9,194
4 - 4-axle truck	9,460	22,205	23,841	22,571	36,793	45,295
5 - 5-axle truck	28,928	32,448	32,927	33,942	36,399	40,568
6 - 6-axle truck	235	442	298	460	541	577
7 - 7-axle truck	2	65	22	17	23	32
8 - special permit	-	-	-	-	-	-
total trucks	77,595	99,695	94,908	90,792	102,238	118,904
total toll vehicles	1,195,484	1,250,352	1,281,594	1,277,952	1,296,489	1,338,548

Delaware Water Gap (Interstate 80)

Class	Adjusted 2014	Adjusted 2015	Adjusted 2016	Adjusted 2017	Adjusted 2018	Adjusted 2019
1 - passenger car	7,877,827	8,153,337	8,363,739	8,362,073	8,096,605	8,086,043
2 - 2-axle truck	145,951	150,542	158,609	202,255	200,843	199,027
3 - 3-axle truck	85,761	87,235	87,861	120,442	112,125	86,906
4 - 4-axle truck	73,551	93,549	93,562	112,494	103,741	93,434
5 - 5-axle truck	1,007,325	1,041,554	1,065,877	1,006,038	1,023,159	1,105,723
6 - 6-axle truck	28,678	29,105	30,538	32,853	33,789	34,358
7 - 7-axle truck	2,003	1,795	1,763	857	1,352	1,408
8 - special permit	18	7	13	-	-	-
total trucks	1,343,287	1,403,787	1,438,222	1,474,939	1,475,010	1,520,856
total toll vehicles	9,221,114	9,557,124	9,801,961	9,837,013	9,571,615	9,606,899

Milford-Montague Toll Bridge

Class	Adjusted 2014	Adjusted 2015	Adjusted 2016	Adjusted 2017	Adjusted 2018	Adjusted 2019
1 - passenger car	1,232,762	1,284,856	1,303,115	1,278,951	1,246,711	1,215,298
2 - 2-axle truck	23,880	26,174	25,951	20,202	18,852	20,720
3 - 3-axle truck	3,264	3,652	3,378	3,468	3,972	5,005
4 - 4-axle truck	1,684	1,757	2,111	1,999	2,460	3,692
5 - 5-axle truck	7,028	7,684	8,000	8,452	9,991	11,166
6 - 6-axle truck	78	148	82	101	139	192
7 - 7-axle truck	5	17	11	19	9	6
8 - special permit	-	-	-	-	-	-
total trucks	35,939	39,433	39,533	34,241	35,423	40,781
total toll vehicles	1,268,701	1,324,289	1,342,648	1,313,192	1,282,134	1,256,079

Figure B-1: Background Growth - Trenton-Morrisville Adjusted Toll Vehicles

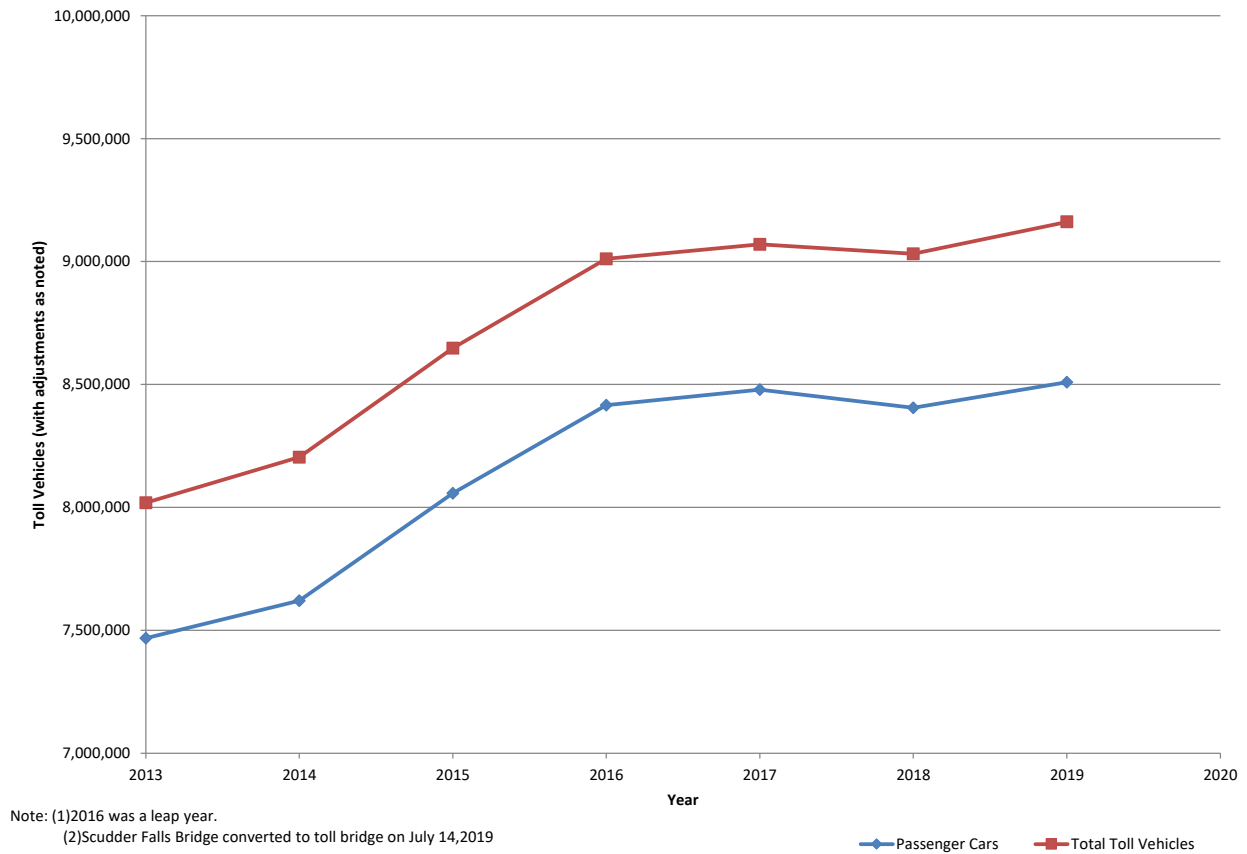


Figure B-2: Background Growth - Trenton-Morrisville Adjusted Toll Trucks

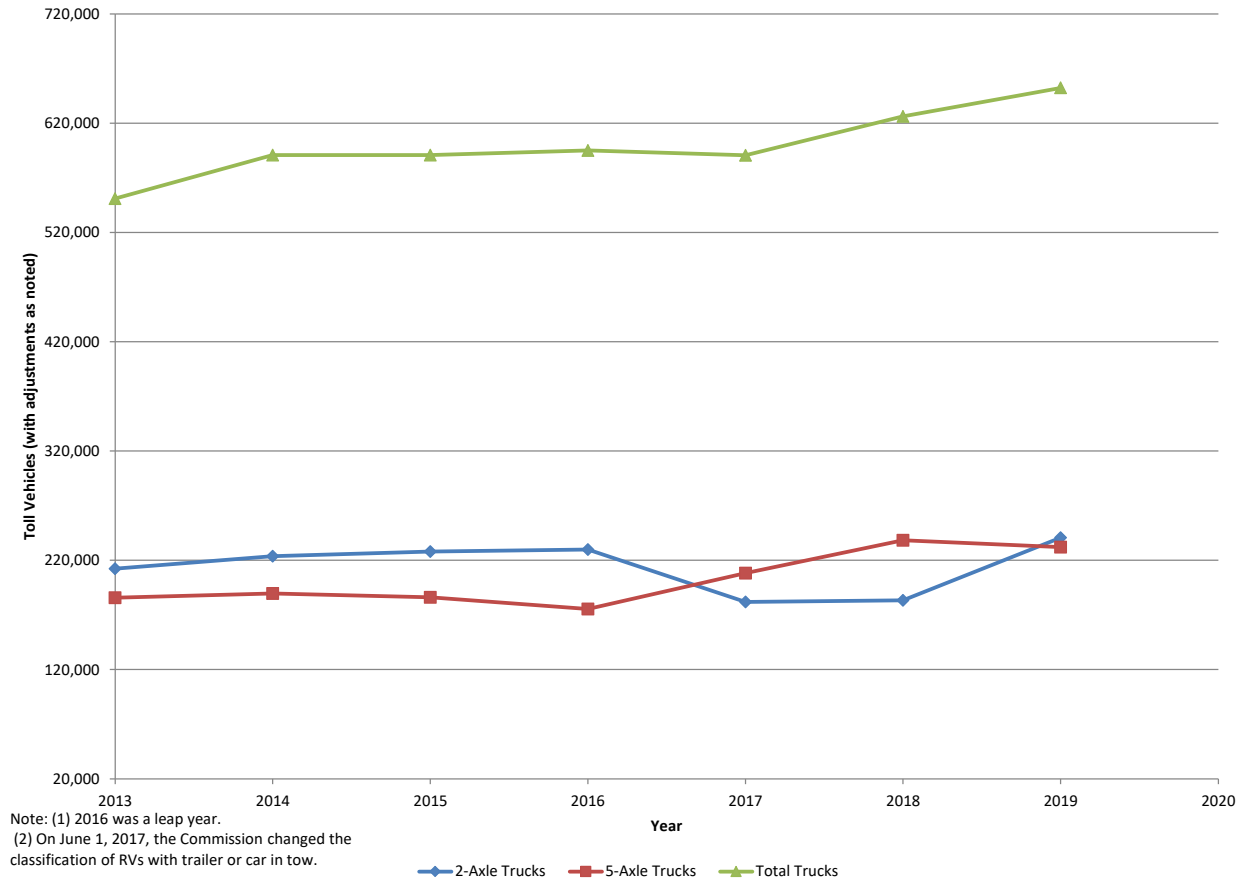


Figure B-3: Background Growth - New Hope-Lambertville Adjusted Toll Vehicles

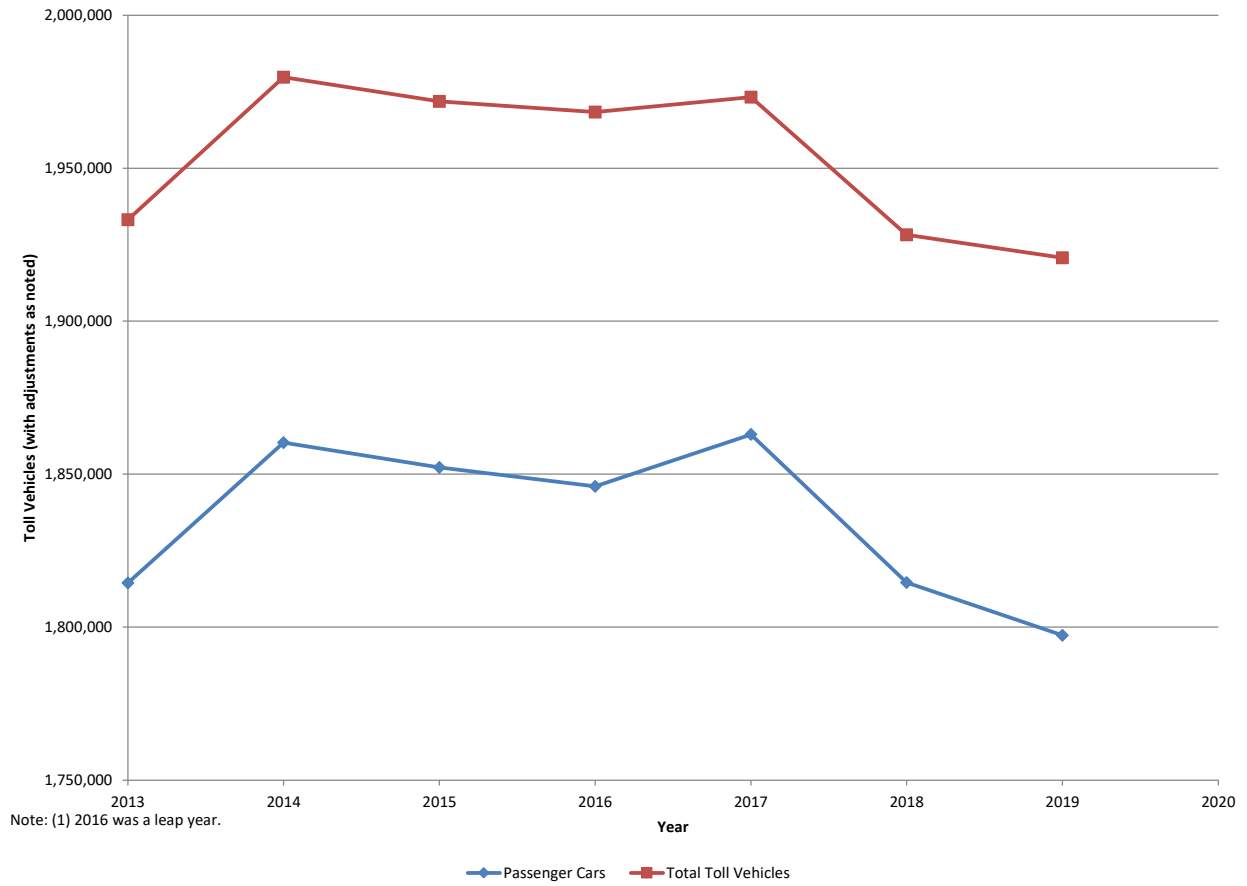


Figure B-4: Background Growth - New Hope-Lambertville Adjusted Toll Trucks

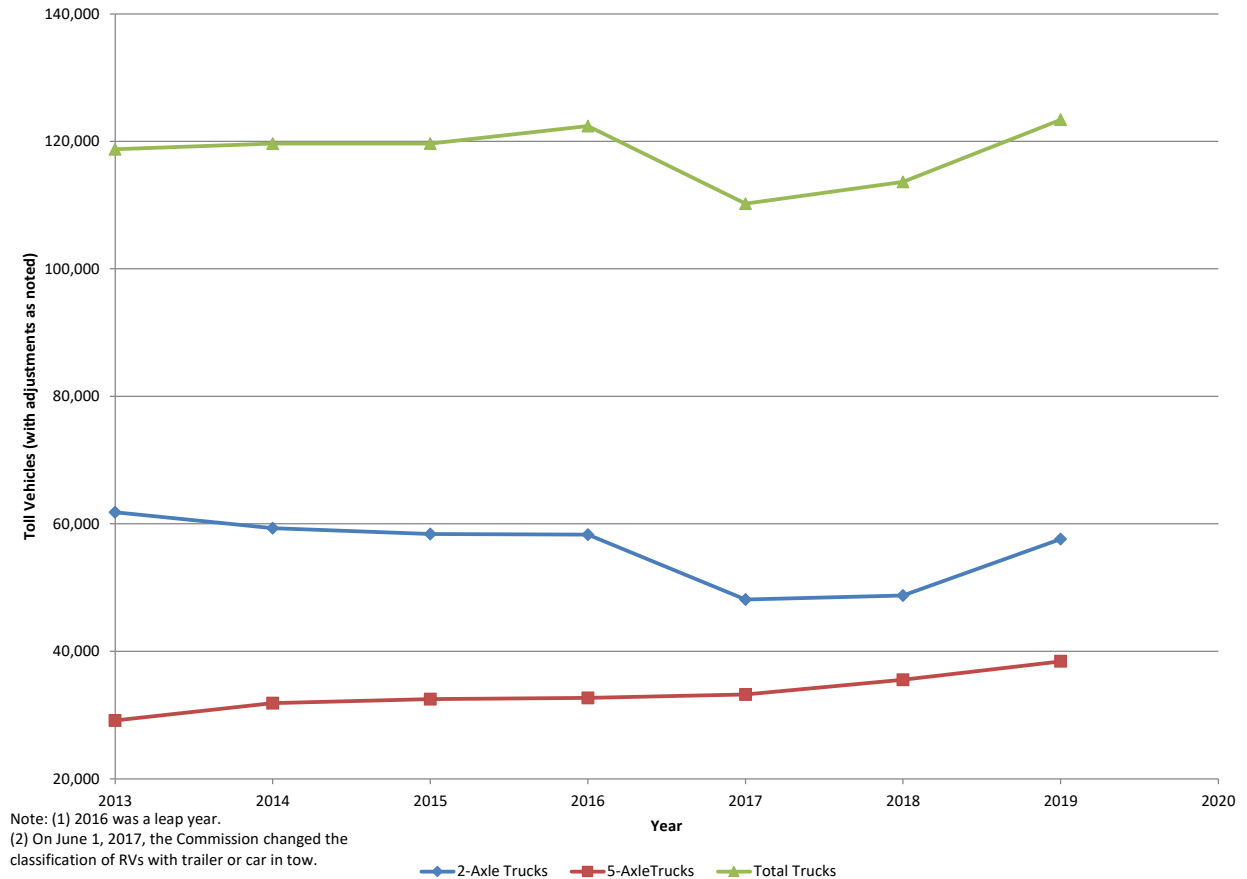


Figure B-5: Background Growth - Interstate 78 Adjusted Toll Vehicles

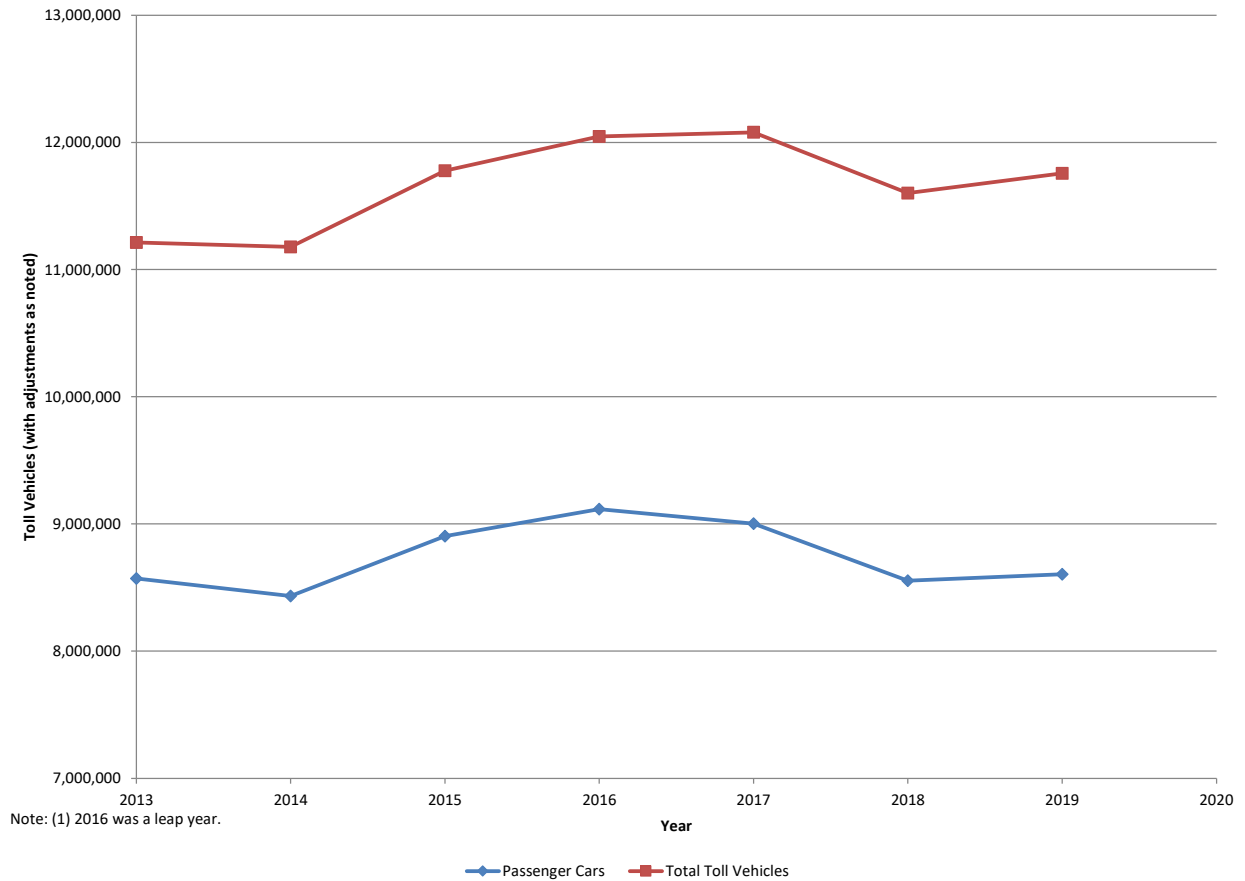


Figure B-6: Background Growth - Interstate 78 Adjusted Toll Trucks

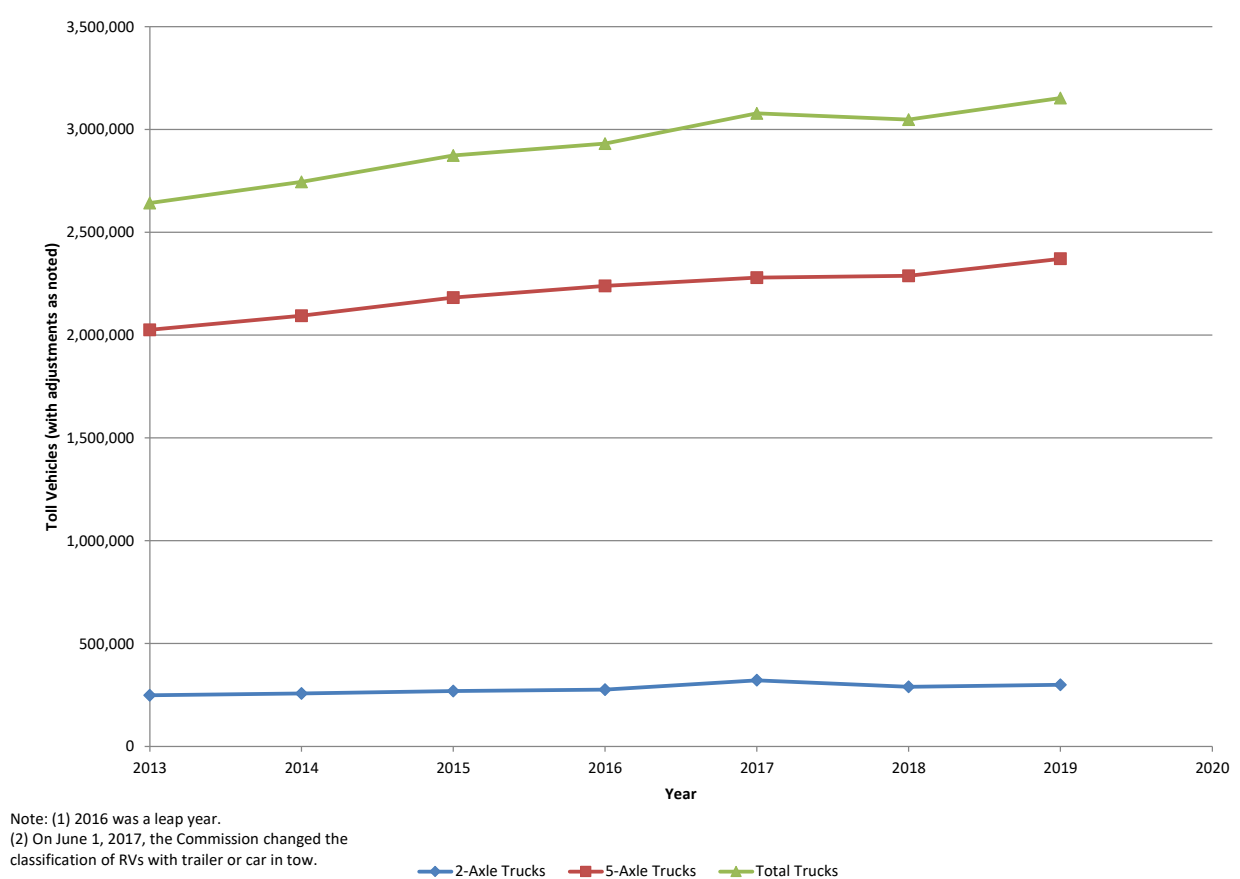
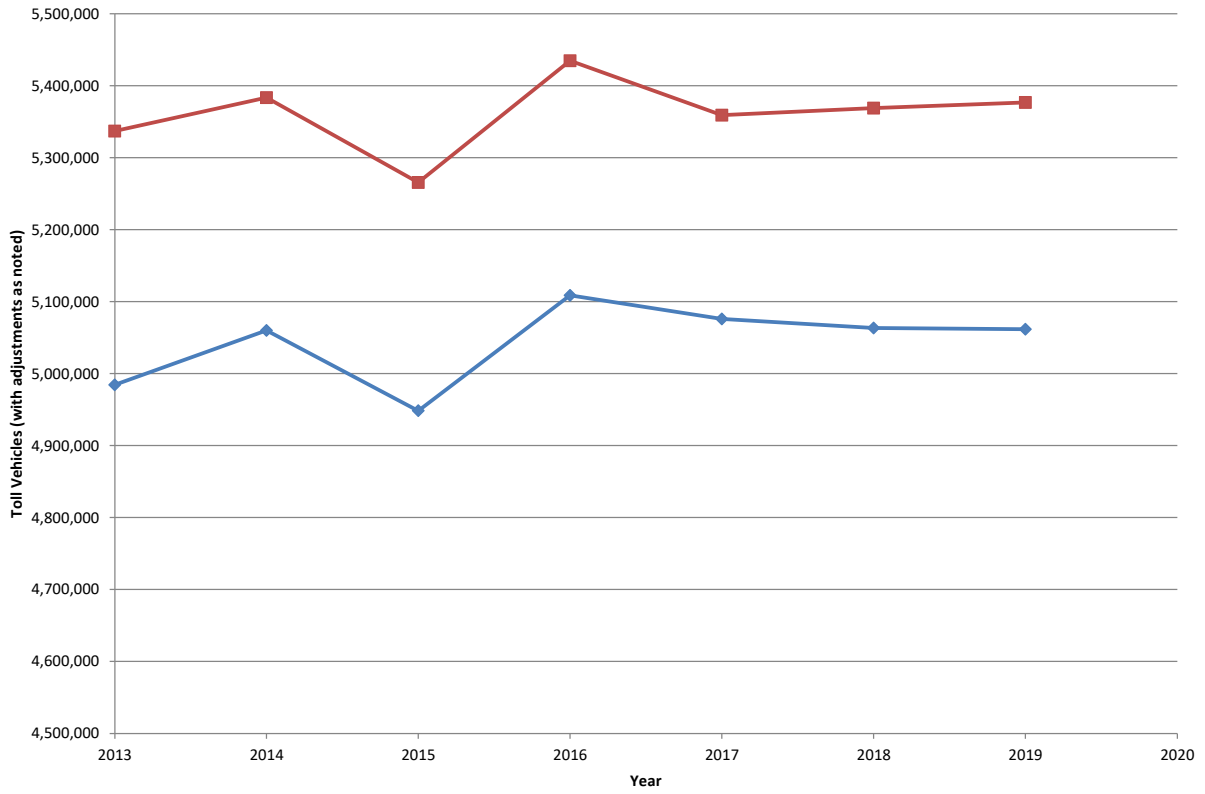


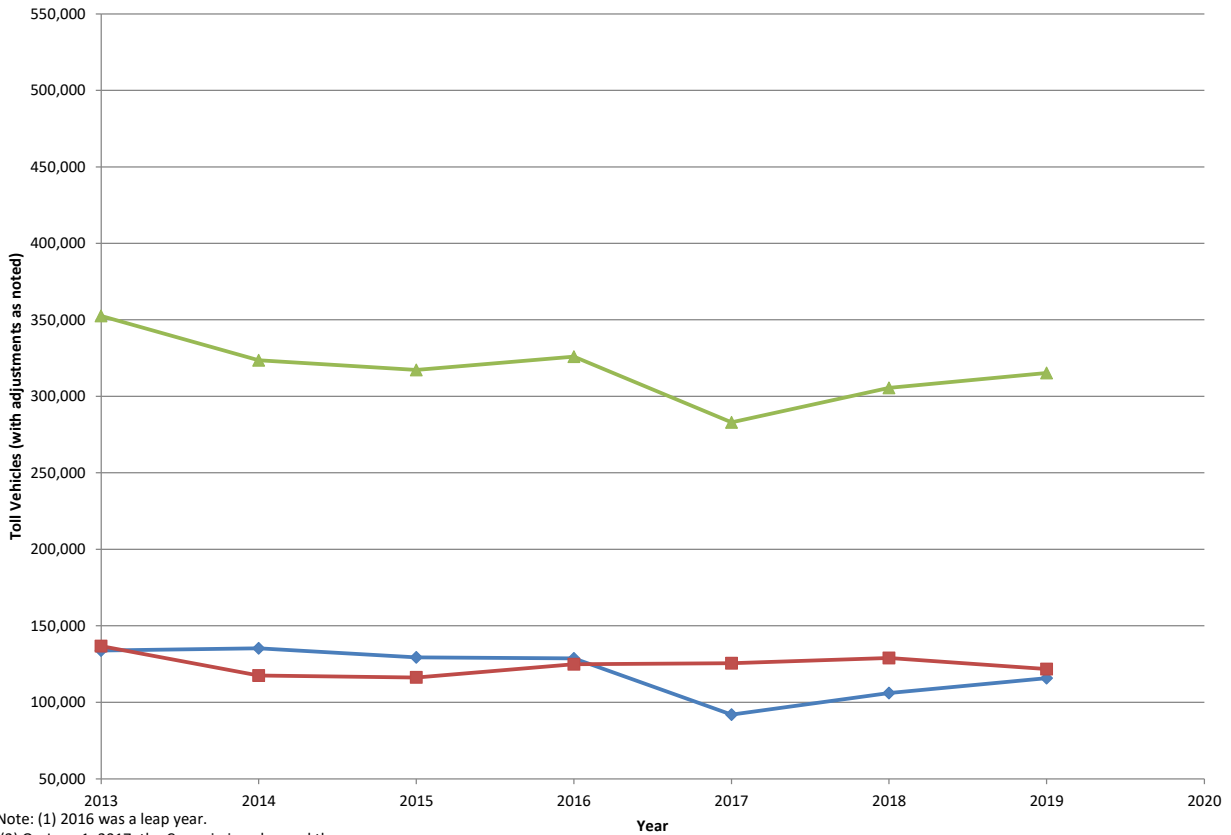
Figure B-7: Background Growth - Easton-Phillipsburg Adjusted Toll Vehicles



Note: (1) 2016 was a leap year.

Passenger Cars Total Toll Vehicles

Figure B-8: Background Growth - Easton-Phillipsburg Adjusted Toll Trucks



Note: (1) 2016 was a leap year.

(2) On June 1, 2017, the Commission changed the classification of RVs with trailer or car in tow.

2-Axle Trucks 5-Axle Trucks Total Trucks

Figure B-9: Background Growth - Portland-Columbia Adjusted Toll Vehicles

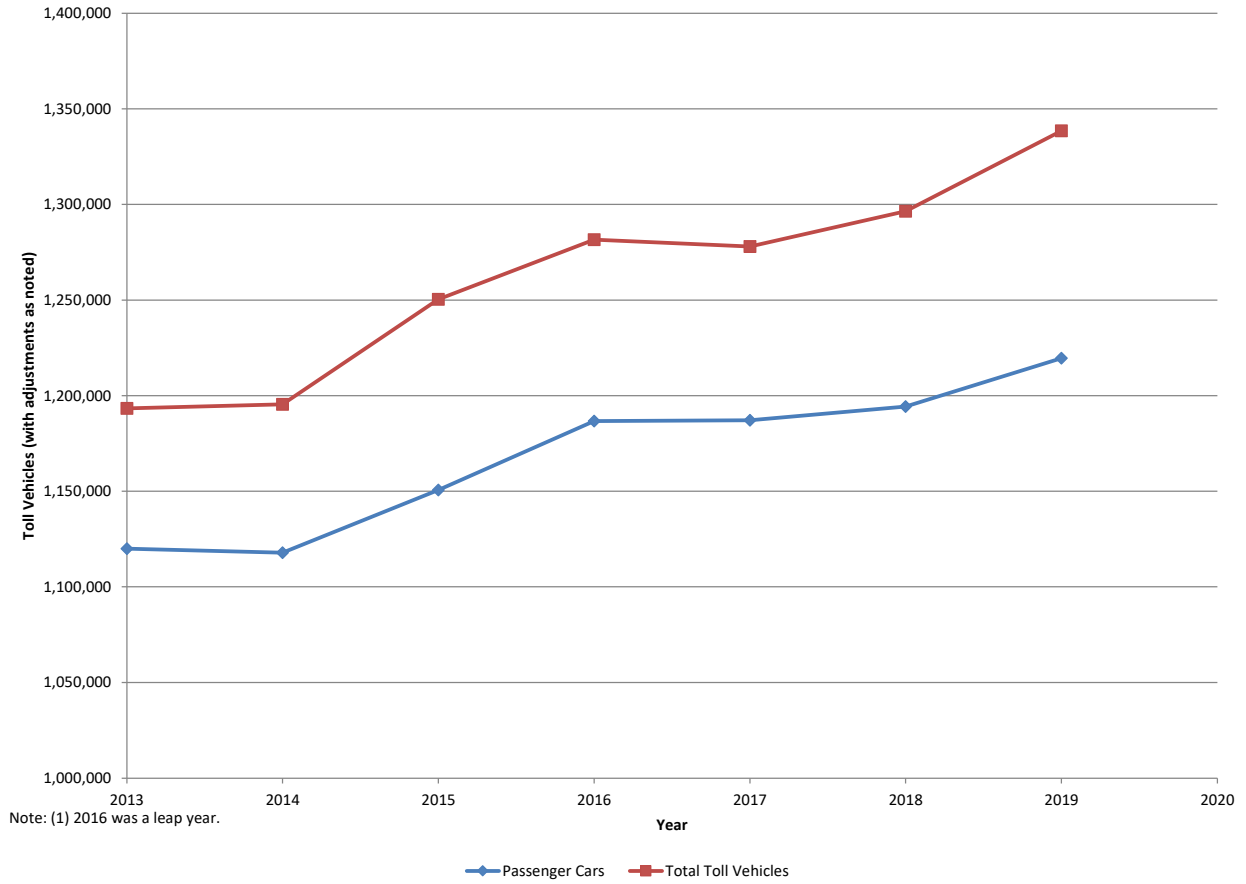
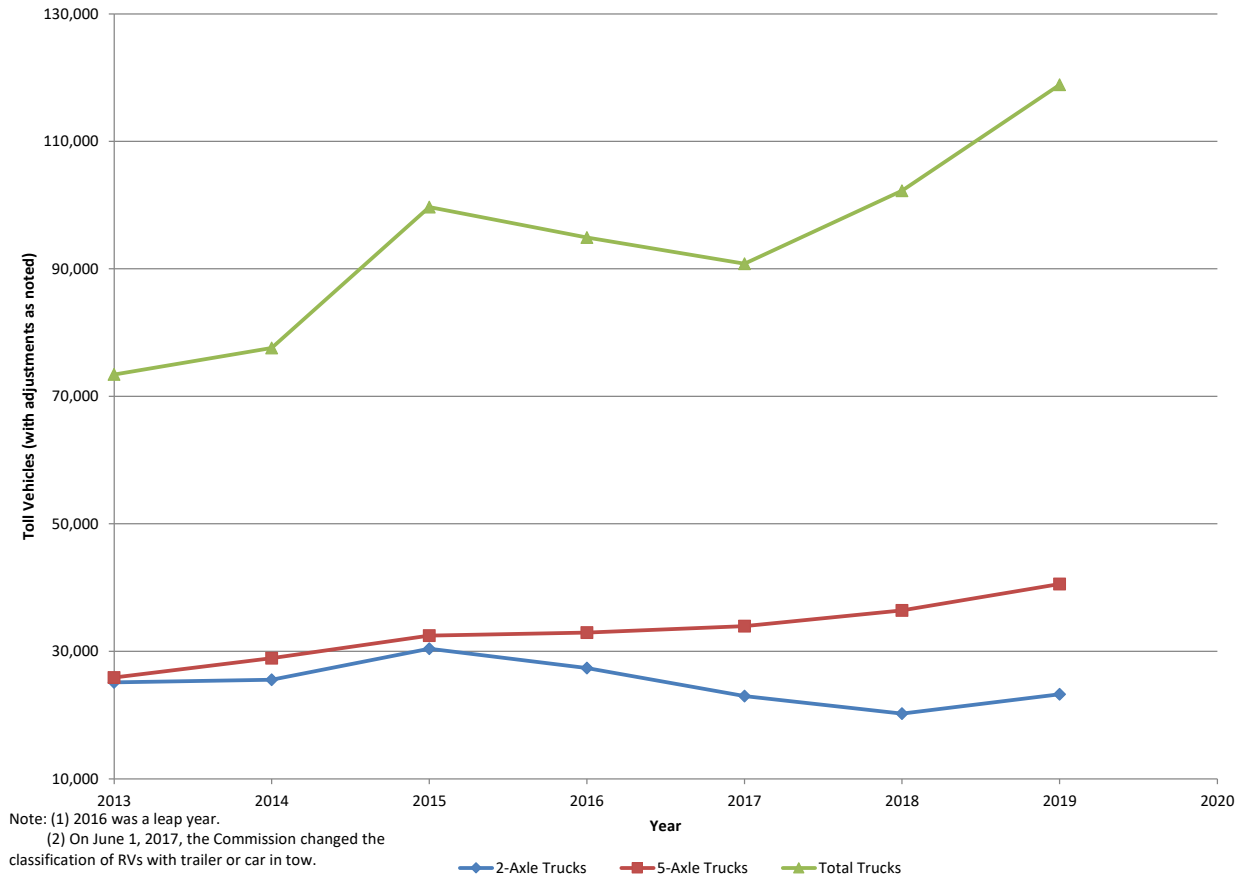
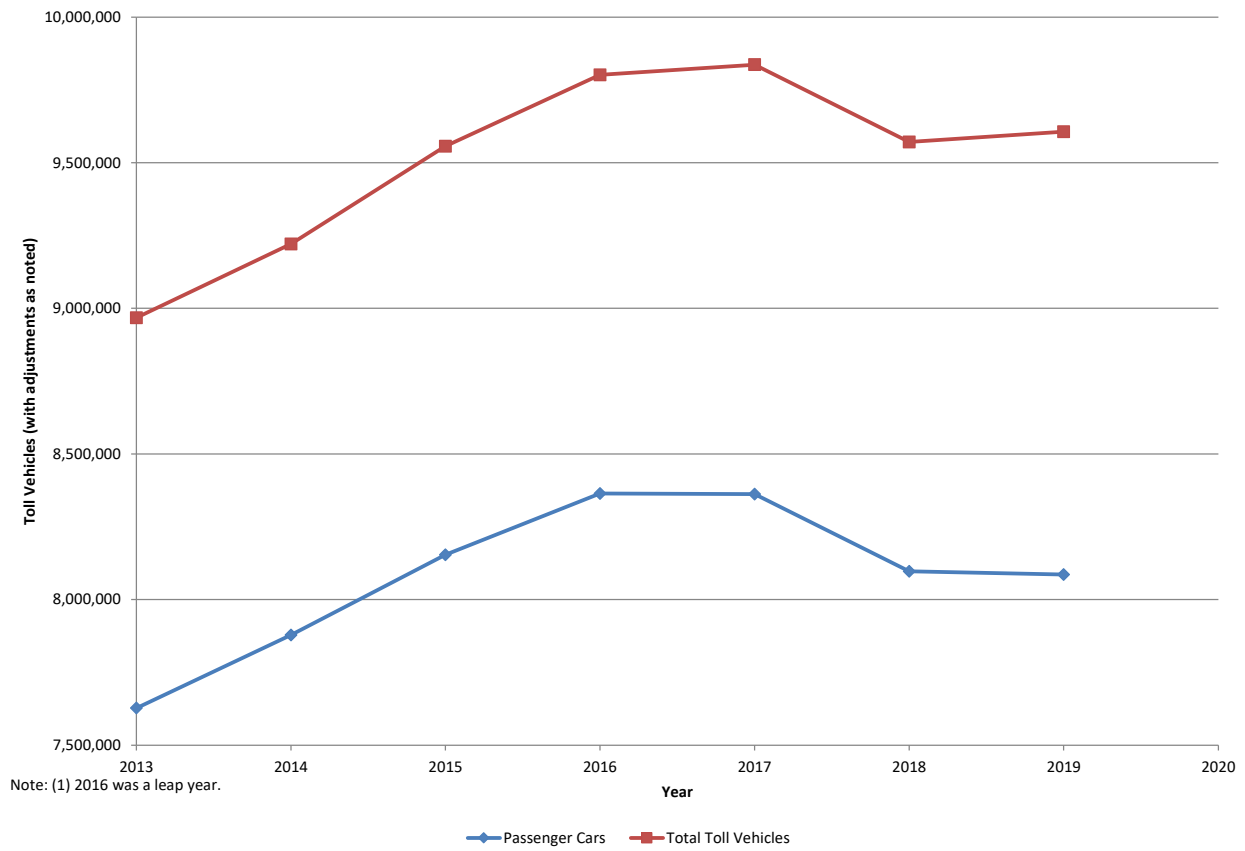


Figure B-10: Background Growth - Portland-Columbia Adjusted Toll Trucks



**Figure B-11: Background Growth - Delaware Water Gap (I-80)
Adjusted Toll Vehicles**



**Figure B-12: Background Growth - Delaware Water Gap (I-80)
Adjusted Toll Trucks**

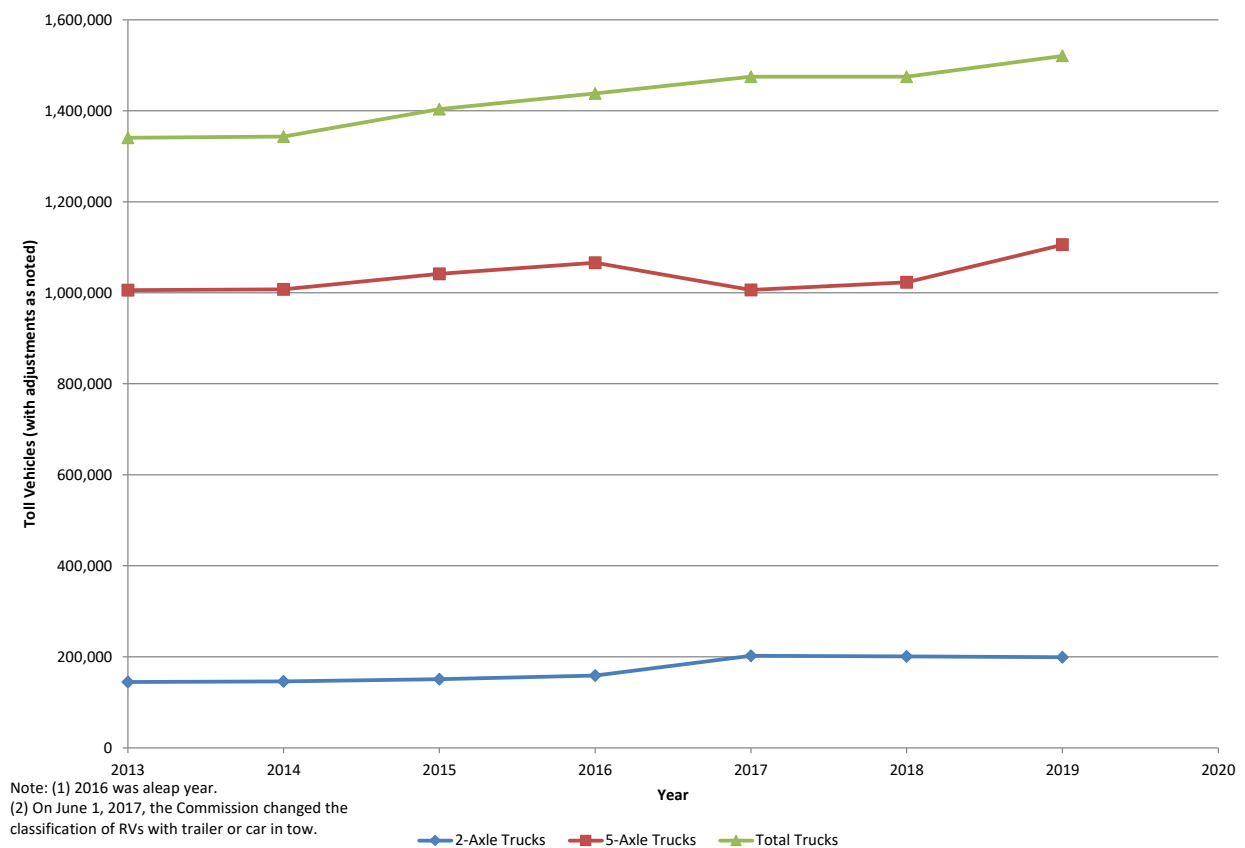


Figure B-13: Background Growth - Milford-Montague Adjusted Toll Vehicles

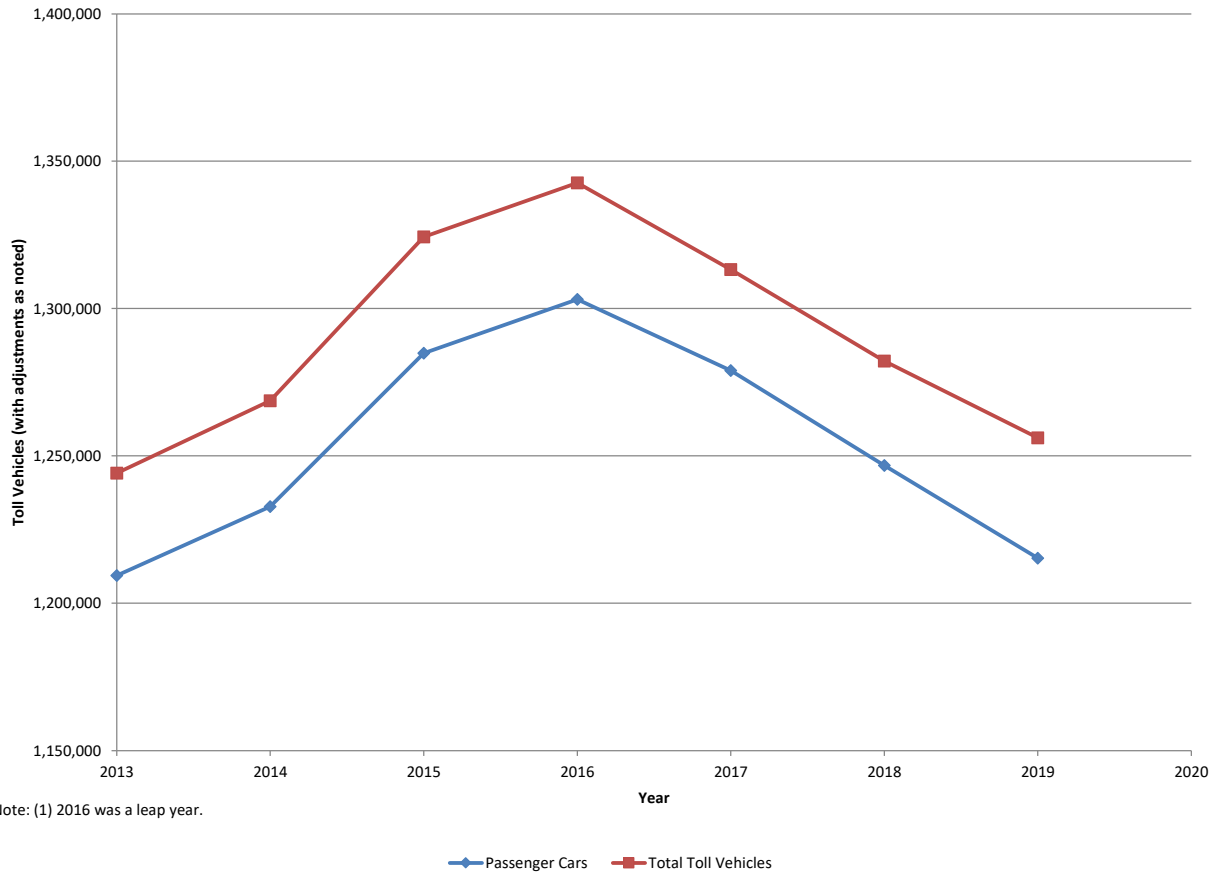
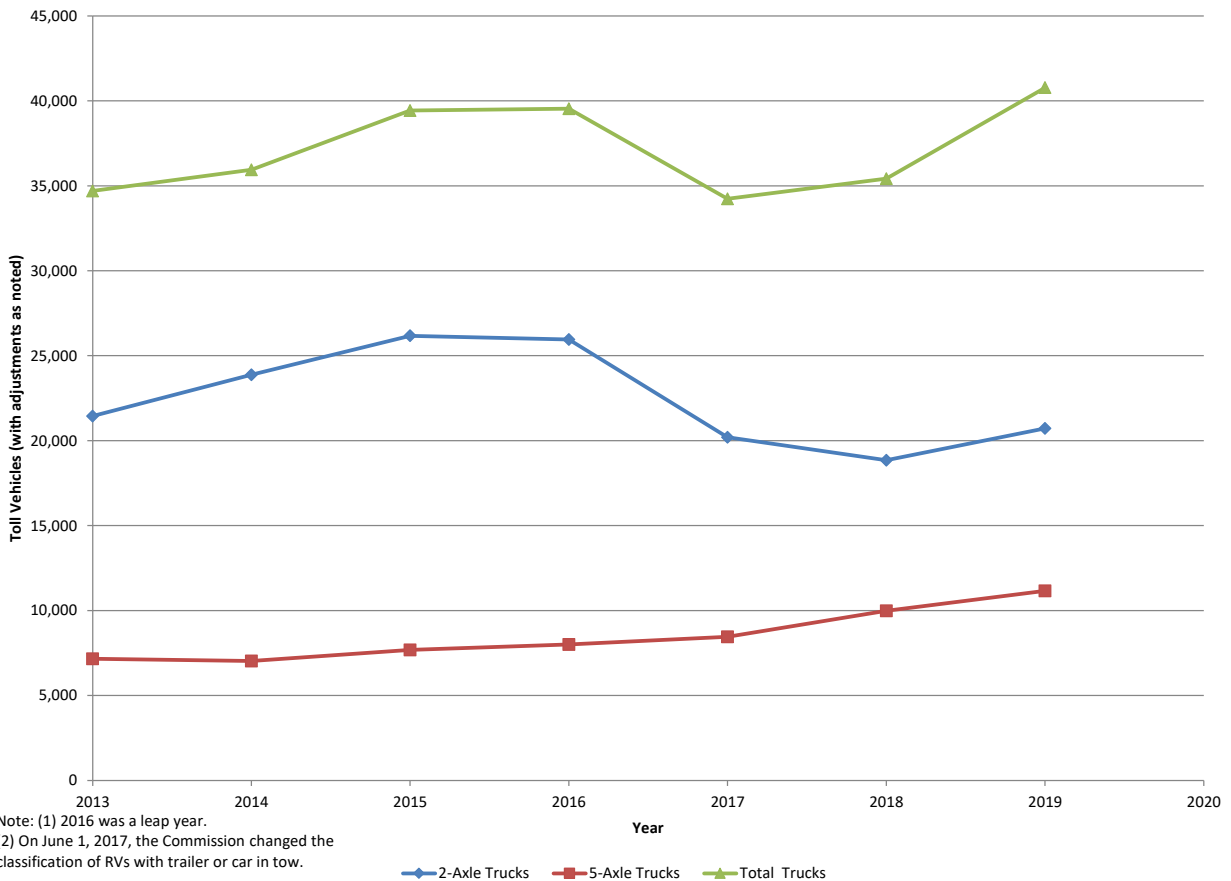


Figure B-14: Background Growth - Milford-Montague Adjusted Toll Trucks



APPENDIX C

TOLL BRIDGE VOLUME & REVENUE PROJECTIONS ANALYSIS WORKSHEETS DRJTBC TOLL BRIDGES

DRJTX19003



Table C-1: 2020 Trenton-Morrisville Toll Bridge Volume and Revenue Projections

Class	2019 Adjusted Volume	Growth Factor from 2019 to 2020	2020 Base Volume (Projected)	2020 Construction Adjustment ¹	2020 Leap Year Adjustments	2020 Development Adjustments	2020 Tolling Shift Adjustments ²
Passenger Car	8,509,413	1.005	8,551,960	218,818	23,430	0	579,303
2-Axle Truck	240,681	1.01	243,088	4,554	666	0	34,563
3-Axle Truck	100,262	1.015	101,766	4,743	279	0	10,295
4-Axle Truck	77,417	0.96	74,321	3,652	204	0	2,623
5-Axle Truck	232,010	1.01	234,331	7,653	642	0	50,988
6-Axle Truck	1,838	1.00	1,838	59	5	0	385
7-Axle Truck	173	1.00	173	8	0	0	96
Special Permit	-	0	-	0	0	0	0
Total Toll Vehicles	9,161,795	0	9,207,476	239,487	25,226	0	678,253

¹Adjustment due to the Scudder Falls Bridge Replacement Project .

²Adjustment due to the tolling of Scudder Falls Bridge.

Class	2019 Unadjusted Volume	2019 Toll Revenue	Average Toll rate	2020 total Volume (Projected)	% Change	2020 Total Revenue (Projected)	% Change
Passenger Car	9,020,765	\$ 8,737,124.49	\$ 0.97	9,373,511	3.9%	\$ 9,092,305.88	4.1%
2-Axle Truck	264,266	\$ 1,705,458.95	\$ 6.45	282,870	7.0%	\$ 1,824,514.01	7.0%
3-Axle Truck	111,137	\$ 1,321,867.20	\$ 11.89	117,083	5.4%	\$ 1,392,121.49	5.3%
4-Axle Truck	82,849	\$ 1,312,283.20	\$ 15.84	80,800	-2.5%	\$ 1,279,869.96	-2.5%
5-Axle Truck	270,288	\$ 5,300,614.00	\$ 19.61	293,613	8.6%	\$ 5,757,754.70	8.6%
6-Axle Truck	2,134	\$ 50,568.00	\$ 23.70	2,286	7.1%	\$ 54,188.73	7.2%
7-Axle Truck	232	\$ 6,861.20	\$ 29.57	277	19.6%	\$ 8,204.62	19.6%
Special Permit	-	\$ -	-	-	-	\$ -	-
Totals	9,751,671	\$ 18,434,777.04		10,150,442	4.1%	\$ 19,408,959.39	5.3%

Table C-2: 2020 Scudder Falls Toll Bridge Volume and Revenue Projections

Class	2019 Adjusted Volume	Growth Factor from 2019 to 2020	2020 Base Volume (Projected)	2020 Construction Adjustment ¹	2020 Leap Year Adjustments	2020 Development Adjustments	2020 Tolling Shift Adjustments ²
Passenger Car	10,151,878	0.995	10,101,119	-575,838	27,674	0	-1,524,482
2-Axle Truck	267,852	0.995	266,513	-11,984	730	0	-90,955
3-Axle Truck	74,443	0.995	74,070	-12,482	203	0	-27,092
4-Axle Truck	46,564	0.995	46,331	-9,611	127	0	-6,903
5-Axle Truck	321,684	0.995	320,076	-20,139	877	0	-134,178
6-Axle Truck	3,584	0.995	3,567	-154	10	0	-1,012
7-Axle Truck	772	0.995	768	-20	2	0	-253
Special Permit	-	-	-	0	0	0	0
Total Toll Vehicles	10,866,777	-	10,812,444	-630,229	29,623	0	-1,784,876

¹Adjustment due to the Scudder Falls Bridge Replacement Project.

²Adjustment due to the tolling of Scudder Falls Bridge .

Class	2019 Unadjusted Volume	2019 Toll Revenue	Average Toll rate	2020 total Volume (Projected)	% Change	2020 Total Revenue (Projected)	% Change
Passenger Car	3,755,095	\$ 5,175,465.55	\$ 1.38	8,028,473	113.8%	\$ 11,079,292.58	114.1%
2-Axle Truck	89,199	\$ 636,164.95	\$ 7.13	164,304	84.2%	\$ 1,171,488.80	84.1%
3-Axle Truck	20,146	\$ 257,918.61	\$ 12.80	34,699	72.2%	\$ 444,151.75	72.2%
4-Axle Truck	16,902	\$ 288,494.70	\$ 17.07	29,944	77.2%	\$ 511,138.52	77.2%
5-Axle Truck	100,048	\$ 2,142,015.94	\$ 21.41	166,635	66.6%	\$ 3,567,665.92	66.6%
6-Axle Truck	1,471	\$ 38,234.25	\$ 25.99	2,410	63.8%	\$ 62,634.78	63.8%
7-Axle Truck	263	\$ 8,104.81	\$ 30.82	497	88.9%	\$ 15,312.80	88.9%
Special Permit	-	\$ -	-	-	-	\$ -	-
Totals	3,983,124	\$ 8,546,398.81		8,426,962	111.6%	\$ 16,851,685.16	97.2%

Table C-3: 2020 New Hope-Lambertville Bridge Volume and Revenue Projections

Class	2019 Adjusted Volume	Growth Factor from 2019 to 2020	2020 Base Volume (Projected)	2020 Construction Adjustment	2020 Leap Year Adjustments	2020 Development Adjustments
Passenger Car	1,797,330	0.995	1,788,343	0	4,900	0
2-Axle Truck	57,592	0.990	57,016	0	156	0
3-Axle Truck	13,373	1.010	13,507	0	37	0
4-Axle Truck	12,203	1.050	12,813	0	35	0
5-Axle Truck	38,426	1.070	41,116	0	112	0
6-Axle Truck	1,789	1.150	2,057	0	6	0
7-Axle Truck	30	1.300	39	0	0	0
Special Permit	-	-	-	0	0	0
Total Toll Vehicles	1,920,743	-	1,914,891	0	5,246	0

Class	2019 Unadjusted Volume	2019 Toll Revenue	Average Toll rate	2020 total Volume (Projected)	% Change	2020 Total Revenue (Projected)	% Change
Passenger Car	1,797,330	\$ 1,717,026.07	\$ 0.96	1,793,243	-0.2%	\$ 1,721,513.20	0.3%
2-Axle Truck	57,592	\$ 371,452.25	\$ 6.45	57,172	-0.7%	\$ 368,761.26	-0.7%
3-Axle Truck	13,373	\$ 158,986.80	\$ 11.89	13,544	1.3%	\$ 161,035.01	1.3%
4-Axle Truck	12,203	\$ 191,414.40	\$ 15.69	12,848	5.3%	\$ 201,589.11	5.3%
5-Axle Truck	38,426	\$ 756,046.00	\$ 19.68	41,228	7.3%	\$ 811,363.50	7.3%
6-Axle Truck	1,789	\$ 41,095.20	\$ 22.97	2,063	15.3%	\$ 47,386.80	15.3%
7-Axle Truck	30	\$ 837.20	\$ 27.91	39	30.4%	\$ 1,091.47	30.4%
Special Permit	-	\$ -	\$ -	-	-	\$ -	-
Totals	1,920,743	\$ 3,236,857.92		1,920,137	0.0%	\$ 3,312,740.36	2.3%

Table C-4: 2020 Interstate 78 Toll Bridge Volume and Revenue Projections

Class	2019 Adjusted Volume	Growth Factor from 2019 to 2020	2020 Base Volume (Projected)	2020 Construction Adjustment	2020 Leap Year Adjustments	2020 Development Adjustments
Passenger Car	8,604,157	0.990	8,518,115	0	23,337	152,193
2-Axle Truck	299,728	0.980	293,733	0	805	5,148
3-Axle Truck	155,643	0.990	154,087	0	422	2,809
4-Axle Truck	239,891	1.030	247,088	0	677	4,151
5-Axle Truck	2,371,213	1.020	2,418,637	0	6,626	40,721
6-Axle Truck	85,125	1.030	87,679	0	240	1,351
7-Axle Truck	1,513	0.950	1,437	0	4	52
Special Permit	-	-	-	-	-	-
Total Toll Vehicles	11,757,270		11,720,777	0	32,112	206,424

Class	2019 Unadjusted Volume	2019 Toll Revenue	Average Toll rate	2020 total Volume (Projected)	% Change	2020 Total Revenue (Projected)	% Change
Passenger Car	8,604,157	\$ 8,341,994.57	\$ 0.97	8,693,646	1.0%	\$ 8,432,836.83	1.1%
2-Axle Truck	299,728	\$ 1,925,943.50	\$ 6.43	299,686	0.0%	\$ 1,926,979.84	0.1%
3-Axle Truck	155,643	\$ 1,834,437.60	\$ 11.79	157,318	1.1%	\$ 1,854,774.12	1.1%
4-Axle Truck	239,891	\$ 3,762,532.80	\$ 15.68	251,915	5.0%	\$ 3,950,031.13	5.0%
5-Axle Truck	2,371,213	\$ 46,393,282.00	\$ 19.57	2,465,985	4.0%	\$ 48,259,320.07	4.0%
6-Axle Truck	85,125	\$ 1,973,752.80	\$ 23.19	89,270	4.9%	\$ 2,070,162.01	4.9%
7-Axle Truck	1,513	\$ 45,144.00	\$ 29.84	1,493	-1.3%	\$ 44,554.67	-1.3%
Special Permit	-	\$ -	\$ -	-	-	\$ -	-
Totals	11,757,270	\$ 64,277,087.27		11,959,313	1.7%	\$ 66,538,658.67	3.5%

Table C-5: 2020 Easton-Phillipsburg Toll Bridge Volume and Revenue Projections

Class	2019 Adjusted Volume	Growth Factor from 2019 to 2020	2020 Base Volume (Projected)	2020 Construction Adjustment	2020 Leap Year Adjustments	2020 Development Adjustments
Passenger Car	5,061,537	1.000	5,061,537	0	13,867	90,296
2-Axle Truck	115,778	1.030	119,251	0	327	1,891
3-Axle Truck	41,056	1.030	42,288	0	116	650
4-Axle Truck	35,542	1.020	36,253	0	99	583
5-Axle Truck	121,652	1.000	121,652	0	333	2,300
6-Axle Truck	1,205	0.980	1,181	0	3	22
7-Axle Truck	49	1.000	49	0	0	3
Special Permit	-	-	-	-	-	-
Total Toll Vehicles	5,376,819		5,382,211	0	14,746	95,745

Class	2019 Unadjusted Volume	2019 Toll Revenue	Average Toll rate	2020 total Volume (Projected)	% Change	2020 Total Revenue (Projected)	% Change
Passenger Car	5,061,537	\$ 4,897,477.42	\$ 0.97	5,165,700	2.1%	\$ 5,010,729.22	2.3%
2-Axle Truck	115,778	\$ 747,441.50	\$ 6.46	121,469	4.9%	\$ 784,690.10	5.0%
3-Axle Truck	41,056	\$ 487,843.20	\$ 11.88	43,054	4.9%	\$ 511,476.02	4.8%
4-Axle Truck	35,542	\$ 563,086.40	\$ 15.84	36,935	3.9%	\$ 585,052.98	3.9%
5-Axle Truck	121,652	\$ 2,392,342.00	\$ 19.67	124,285	2.2%	\$ 2,444,691.72	2.2%
6-Axle Truck	1,205	\$ 28,353.60	\$ 23.53	1,206	0.1%	\$ 28,380.36	0.1%
7-Axle Truck	49	\$ 1,340.80	\$ 27.36	52	6.8%	\$ 1,431.34	6.8%
Special Permit	-	\$ -	-	-	-	\$ -	-
Totals	5,376,819	\$ 9,117,884.92		5,492,702	2.2%	\$ 9,366,451.73	2.7%

Table C-6: 2020 Portland-Columbia Toll Bridge Volume and Revenue Projections

Class	2019 Adjusted Volume	Growth Factor from 2019 to 2020	2020 Base Volume (Projected)	2020 Construction Adjustment	2020 Leap Year Adjustments	2020 Development Adjustments
Passenger Car	1,219,644	1.013	1,234,890	0	3,383	0
2-Axle Truck	23,238	0.980	22,773	0	62	0
3-Axle Truck	9,194	1.000	9,194	0	25	0
4-Axle Truck	45,295	1.030	46,654	0	128	0
5-Axle Truck	40,568	1.015	41,177	0	113	0
6-Axle Truck	577	1.000	577	0	2	0
7-Axle Truck	32	1.000	32	0	0	0
Special Permit	-	-	-	-	-	-
Total Toll Vehicles	1,338,548		1,355,296	0	3,713	0

Class	2019 Unadjusted Volume	2019 Toll Revenue	Average Toll rate	2020 total Volume (Projected)	% Change	2020 Total Revenue (Projected)	% Change
Passenger Car	1,219,644	\$ 1,177,572.14	\$ 0.97	1,238,273	1.5%	\$ 1,195,558.34	1.5%
2-Axle Truck	23,238	\$ 150,131.80	\$ 6.46	22,836	-1.7%	\$ 147,532.26	-1.7%
3-Axle Truck	9,194	\$ 109,482.00	\$ 11.91	9,219	0.3%	\$ 109,781.95	0.3%
4-Axle Truck	45,295	\$ 721,700.80	\$ 15.93	46,782	3.3%	\$ 745,388.40	3.3%
5-Axle Truck	40,568	\$ 801,836.00	\$ 19.77	41,289	1.8%	\$ 816,093.30	1.8%
6-Axle Truck	577	\$ 13,689.60	\$ 23.73	579	0.3%	\$ 13,727.11	0.3%
7-Axle Truck	32	\$ 893.20	\$ 27.91	32	0.3%	\$ 895.65	0.3%
Special Permit	-	\$ -	-	-	-	\$ -	-
Totals	1,338,548	\$ 2,975,305.54		1,359,009	1.5%	\$ 3,028,977.01	1.8%

Table C-7: 2020 Delaware Water Gap (Interstate 80) Toll Bridge Volume and Revenue Projections

Class	2019 Adjusted Volume	Growth Factor from 2019 to 2020	2020 Base Volume (Projected)	2020 Construction Adjustment	2020 Leap Year Adjustments	2020 Development Adjustments
Passenger Car	8,086,043	0.990	8,005,183	0	21,932	0
2-Axle Truck	199,027	1.050	208,978	0	573	0
3-Axle Truck	86,906	0.990	86,037	0	236	0
4-Axle Truck	93,434	1.000	93,434	0	256	0
5-Axle Truck	1,105,723	1.020	1,127,837	0	3,090	0
6-Axle Truck	34,358	1.020	35,045	0	96	0
7-Axle Truck	1,408	1.020	1,436	0	4	0
Special Permit	-	-	-	-	-	-
Total Toll Vehicles	9,606,899		9,557,951	0	26,186	0

Class	2019 Unadjusted Volume	2019 Toll Revenue	Average Toll rate	2020 total Volume (Projected)	% Change	2020 Total Revenue (Projected)	% Change
Passenger Car	8,086,043	\$ 7,828,262.30	\$ 0.97	8,027,115	-0.7%	\$ 7,771,212.50	-0.7%
2-Axle Truck	199,027	\$ 1,278,522.05	\$ 6.42	209,551	5.3%	\$ 1,346,126.09	5.3%
3-Axle Truck	86,906	\$ 1,025,186.40	\$ 11.80	86,273	-0.7%	\$ 1,017,715.18	-0.7%
4-Axle Truck	93,434	\$ 1,463,488.00	\$ 15.66	93,690	0.3%	\$ 1,467,497.56	0.3%
5-Axle Truck	1,105,723	\$ 21,653,274.00	\$ 19.58	1,130,927	2.3%	\$ 22,146,850.00	2.3%
6-Axle Truck	34,358	\$ 798,902.40	\$ 23.25	35,141	2.3%	\$ 817,113.00	2.3%
7-Axle Truck	1,408	\$ 43,494.00	\$ 30.89	1,440	2.3%	\$ 44,485.42	2.3%
Special Permit	-	\$ -	-	-	-	\$ -	-
Totals	9,606,899	\$ 34,091,129.15		9,584,137	-0.2%	\$ 34,610,999.75	1.5%

Table C-8: 2020 Milford-Montague Toll Bridge Volume and Revenue Projections

Class	2019 Adjusted Volume	Growth Factor from 2019 to 2020	2020 Base Volume (Projected)	2020 Construction Adjustment	2020 Leap Year Adjustments	2020 Development Adjustments
Passenger Car	1,215,298	0.990	1,203,145	0	3,296	0
2-Axle Truck	20,720	1.000	20,720	0	57	0
3-Axle Truck	5,005	0.995	4,980	0	14	0
4-Axle Truck	3,692	1.030	3,803	0	10	0
5-Axle Truck	11,166	1.050	11,724	0	32	0
6-Axle Truck	192	1.050	202	0	1	0
7-Axle Truck	6	1.030	6	0	0	0
Special Permit	-	-	-	-	-	-
Total Toll Vehicles	1,256,079		1,244,580	0	3,410	0

Class	2019 Unadjusted Volume	2019 Toll Revenue	Average Toll rate	2020 total Volume (Projected)	% Change	2020 Total Revenue (Projected)	% Change
Passenger Car	1,215,298	\$ 1,174,461.86	\$ 0.97	1,206,441	-0.7%	\$ 1,165,902.77	-0.7%
2-Axle Truck	20,720	\$ 133,231.15	\$ 6.43	20,777	0.3%	\$ 133,596.17	0.3%
3-Axle Truck	5,005	\$ 59,676.00	\$ 11.92	4,994	-0.2%	\$ 59,540.30	-0.2%
4-Axle Truck	3,692	\$ 58,502.40	\$ 15.85	3,813	3.3%	\$ 60,422.56	3.3%
5-Axle Truck	11,166	\$ 220,678.00	\$ 19.76	11,756	5.3%	\$ 232,346.73	5.3%
6-Axle Truck	192	\$ 4,591.20	\$ 23.91	202	5.3%	\$ 4,833.97	5.3%
7-Axle Truck	6	\$ 168.00	\$ 28.00	6	3.3%	\$ 173.51	3.3%
Special Permit	-	\$ -	-	-	-	\$ -	-
Totals	1,256,079	\$ 1,651,308.61		1,247,990	-0.6%	\$ 1,656,816.00	0.3%