



Metropolitan Transportation Authority

Bridges and Tunnels Committee Meeting

October 2017

Committee Members

C. Moerdler, Chair

N. Brown

I Greenberg

M. Pally

P. Trottenberg

V. Vanterpool

P. Ward

N. Zuckerman

Bridges & Tunnels Committee Meeting

**2 Broadway, 20th Floor Board Room
New York, NY 10004**

**Monday, 10/23/2017
11:30 AM - 12:00 PM ET**

1. Public Comments Period

2. Approval of Minutes - September 2017

BT Committee Minutes - September 2017 - Page 3

3. Approval of Committee Work Plan

BT Committee Work Plan - Page 12

4. Report on Operations - August 2017

BT Report on Operations - August 2017 - Page 19

5. Safety Report - August 2017

BT Safety Report - August 2017 - Page 32

6. E-ZPass Performance Report - August 2017

BT E-ZPass Performance Report - August 2017 - Page 43

7. Financial Report - August 2017

BT Financial Report - August 2017 - Page 49

8. 2018 Preliminary Budget - Materials Previously Submitted

9. Capital Program Project Status Report - September 2017

BT Capital Program Project Status Report - September 2017 - Page 63

10. Procurements

BT Procurements - Page 82

BT Competitive

BT Competitive - Page 85

Next Meeting: Monday, November 13, 2017 at 12:00 p.m.



Bridges and Tunnels

Minutes of Committee Meeting September 2017

**MONTHLY MEETING OF
TRIBOROUGH BRIDGE AND TUNNEL AUTHORITY COMMITTEE**

September 25, 2017

12:00 p.m.

In attendance were the Honorable:

Charles G. Moerdler, Chair
Ira Greenberg
Mitchell H. Pally
Polly Trottenberg
Veronica Vanterpool
Peter Ward
Neal Zuckerman

Also in Attendance:
Andrew Albert
Carl V. Wortendyke

Cedrick T. Fulton, President
Dore Abrams, Director, Operating Budget
Tim Baker, Assistant Vice President, Strategic Initiatives
Brian Bajor, Acting Vice President and Chief Procurement Officer
Mildred Chua, Vice President and Chief Financial Officer
Daniel DeCrescenzo, Acting Vice President and Chief of Operations
Sharon Gallo-Kotcher, Vice President, Labor Relations, Administration and Employee Development
Lloyd Jairam, Acting Controller
Joseph Keane, Vice President and Chief Engineer
Donald Look, Vice President and Chief Security Officer
Shawn Moore, Acting Vice President and Chief of Staff
Eric Osnes, Vice President, Safety and Health
Patrick J. Parisi, Vice President, Maintenance and Operations Support
Albert Rivera, Executive Vice President
M. Margaret Terry, Senior Vice President and General Counsel

**MONTHLY MEETING OF
TRIBOROUGH BRIDGE AND TUNNEL AUTHORITY COMMITTEE**

September 25, 2017

Minutes of TBTA Committee held September 25, 2017 at 12:00 p.m. A list of those in attendance is attached.

Public Speakers

There were three (3) public speakers. Omar Vera stated that tolls should be eliminated at the Cross Bay Bridge and he commended Cashless Tolling. Murray Bodin stated that he had the Concerned Grandparents Excellence Award for Philip Swanton, Deputy Chief Engineer, in recognition of his design of an exit on the Queens side of the Bronx-Whitestone Bridge and he also discussed signage. Liz Marcello, of Reinvent Albany, discussed Board approval for funding the New York Crossings Project, costs related to building and installing decorative gateway towers and a complaint Reinvent Albany submitted to the New York State Authorities Budget Office (NYS ABO).

Minutes

Upon a motion duly made and seconded, the minutes of the Committee Meeting held on July 24, 2017 were approved.

Committee Work Plan

Mr. Fulton stated that there are no changes to the Committee Work Plan.

President Fulton's Opening Remarks

Mr. Fulton stated that on September 5, 2017 the TBTA completed a reversible Staten Island to Manhattan bus/HOV lane on the Verrazano-Narrows Bridge (VNB) to increase travel time savings and to facilitate bus and carpool commuting that will improve regional mobility and air quality.

Mr. Fulton also stated that as TBTA approaches full implementation of cashless Open Road Tolling (ORT) at its final two facilities, the Throgs Neck (TNB) and Bronx-Whitestone (BWB) Bridges, Cashless Tolling will provide significant mobility and environmental improvements for generations to come. He thanked the Committee and Board members for their support and TBTA customers for their patience throughout this transition.

Finally, Mr. Fulton assured the Committee that collision reduction is a top priority and since the July Committee meeting TBTA has:

- increased the number of traffic control devices,
- enhanced data analysis,
- increased driver education and communication strategies, and
- stepped up enforcement tactics to address driver behavior.

Report on Operations

With regard to the Report on Operations for June and July 2017, Mr. DeCrescenzo stated the following:

- In June 2017 there were 27.0 million crossings compared to 27.3 million crossings in June 2016, which is a decrease of 0.9%; E-ZPass volume increased in June 2017 by 3.6% as compared to June 2016, while crossings using cash, Tolls by Mail and other payment methods decreased by 28.1%; passenger car travel decreased by 0.9%; and other vehicle travel decreased by 1.8%.

- In July 2017 there were 27.5 million crossings compared to 27.3 million crossings in July 2016, which is an increase of 0.8%; E-ZPass volume increased in July 2017 by 7.6% as compared to July 2016, while crossings using cash, Tolls by Mail and other payment methods decreased by 35.4%; passenger car travel was up by 0.9%; and other vehicle travel was down 0.2%.

Compared to the same periods last year, preliminary traffic figures for August 2017 are 1.6% higher. Mr. DeCrescenzo also remarked on notable changes to TBTA facility operations:

- On June 15, the Robert F Kennedy Bridge (RFKB) commenced cashless ORT operations;
- On June 22, the VNB opened its bus/HOV lane for the morning rush hour in the Brooklyn-bound direction, linking the Staten Island Expressway and the Gowanus/Brooklyn Queens Expressway to the Hugh Carey Tunnel (HCT);
- On July 8, the VNB commenced cashless ORT operations;
- On September 5, the VNB bus/HOV lane became reversible, opening it to Staten Island bound traffic for the evening rush hour; and
- On September 24, there were approximately 20,000 participants in the Stephen Siller Tunnel to Towers run at the HCT.

Commissioner Pally asked what impact the reduction in nighttime truck tolls had during the summer because of the reduced rail service into Penn Station and Commissioner Trottenberg requested the revenue impact. Mr. Baker responded that the data is still being evaluated and once available he would share it with the Committee but for the 10:00 pm to 5:00 am period there were some minor increases in the overnight traffic, minor decreases during the evening rush and the morning rush was not particularly affected.

Safety Report

With regard to the Safety Report for June 2017, Mr. Osnes stated that the 12 month average customer collision rate increased from 8.16 in May 2017 to 8.43 in June 2017, which is also higher than the June 2016 rate of 6.67. The 12 month average rate for injury collisions decreased to 1.02 for June 2017 from 1.09 in May 2017, and is higher than the 0.97 rate for the 12 months ending June 2016.

With regard to the Report on Safety for July 2017, Mr. Osnes stated that the 12 month average customer collision rate decreased from 8.43 in June 2017 to 8.42 in July 2017, which is higher than the July 2016 rate of 6.82. The 12 month average rate for injury collisions decreased to 0.98 for July 2017 from 1.02 in June 2017, and is higher than the 0.95 rate for the 12 months ending July 2016. Mr. Osnes stated that at the Committee's requested additional customer safety information has been included in the July Safety Report on pages 59 through 61 of the Committee materials. He stated that a year-over-year comparison of monthly collision rates at TBTA facilities shows that they decreased in July 2017 to 8.14 compared to 8.32 in July 2016, breaking a 22-month period of year-over-year increases. Collisions with injuries were lower year over year in both June and July. There were year-over-year increases in the 12 month average total collision rate at every TBTA facility but the collision with injury rates decreased at the RFKB, VNB and TNB. The total collision rates by month and facility for the past 13 months show that the most significant contributions to TBTA's total collision rate increases have been from the RFKB, VNB and BWB. Two of the facilities with significant total collision increases are also experiencing collision with injury decreases, which is consistent with lower speed collisions and this finding is a guiding element in TBTA's remediation efforts.

Mr. Osnes stated that TBTA has undertaken a range of short and long-term initiatives to improve collision performance including the following:

- Modification of construction project traffic changes to increase channelization and soften pinch points;
- Safety improvements requested by the Committee have been implemented that include line striping changes and signage that indicates fines for safety-related traffic summonses; and
- Targeted enforcement strategies to focus on changing driver behaviors in collision-prone locations.

TBTA is also undertaking the following long-term performance strategies to institutionalize safety

improvements:

- Safety Management Systems which will provide for a consistent process to evaluate how assets and activities can have a positive impact on collision rates;
- Use of technology to better visualize safety data to enable more effective identification of collision clusters and trends;
- A third party study conducted by Texas Traffic Institute, which will validate local and regional collision trends in addition to field assessments to identify conformance with MUTCD guidelines; and
- Smart signage to notify customers of real-time roadway conditions and hazards.

Presentation: Collision Mitigation

Mr. DeCrescenzo and Mr. Parisi discussed the collision mitigation measures that were implemented throughout the summer at TBTA facilities. Mr. DeCrescenzo stated that in June 2017, seven out of TBTA's nine facilities experienced increases in collisions as compared to June 2016. TBTA focused on those facilities and deployed mitigation measures. In July 2017, the collision numbers were lower overall as compared to July 2016 but six of TBTA's nine facilities continued to see higher collision numbers. By the end of August 2017, the number of facilities with more collisions decreased to three out of nine facilities as compared to August 2016. Mr. Parisi discussed how collision-prone areas were addressed through customer communication, delineation and pavement markings, as well as addressing unsafe driver behavior through the use of enforcement.

Commissioner Zuckerman stated that based on the data presented, TBTA has heard the Committee's message and he is encouraged by the activities. He thanked TBTA for the individual crossing data on page 61 of the Committee materials, asked TBTA to provide mitigation data by facility, and said he would like to see how the Texas Traffic Institute data compares to other organizations nationwide and regionally. Commissioner Vanterpool discussed signage to reinforce unsafe driver behavior and asked that signs regarding the consequences of crossing double white lines be added to all facilities. Commissioner Albert asked whether ORT is reducing collisions and how far in advance is the signage indicating that the facility is ORT. Mr. Parisi responded that based on limited data, that does not include the VNB, TNB or BWB, there appears to be a 4% reduction in collisions at the ORT facilities. Mr. DeCrescenzo stated that where signage is placed identifying a facility as ORT depends on the facility but it is placed prior to the gantry and tolling zone. Commissioner Pally commented on near misses and accidents, he complimented TBTA on its tremendous effort in reducing collisions, and he is interested in seeing what impact ORT has on collisions.

Refer to the video recording of the meeting produced by the Metropolitan Transportation Authority and maintained in MTA records for the content of the statements made regarding this presentation.

Safety Report (Continued)

Mr. Osnes continued the Safety Report stating that the 12 month average employee lost time injury rate remained at 7.9 injuries per 200,000 work hours in June 2017, a rate that is the same as reported in May 2017 and higher than the rate of 5.9 for the 12 months ending June 2016. The 12 month average employee lost time injury rate decreased from 7.9 in June 2017 to 7.3 in July 2017 and is higher than the rate of 6.5 for the 12 months ending July 2016. TBTA reviews incidents to identify trends as it transitions from a toll plaza environment to ORT. From June 2017 to August 2017, TBTA reduced its lost time injury rate by over 50% compared to the same period in 2016. The 12 month average construction injury rate increased from 1.87 injuries per 200,000 work hours in June 2017 to 1.91 in July 2017. This was slightly higher than the 1.88 rate in the 12 months ending July 2016.

Customer Environment Survey – Second Quarter 2017

During the Second Quarter of 2017, Mr. Parisi reported the following:

- TBTA striped 167,409 linear feet of roadway in the Second Quarter of 2017 compared to 164,577 linear feet striped in the Second Quarter of 2016.

- TBTA repaired 960 potholes in the Second Quarter of 2017 compared to 871 potholes in the Second Quarter of 2016.
- TBTA swept 3,162 miles of roadway in the Second Quarter of 2017 as compared to 3,225 miles swept in the Second Quarter of 2016.
- Approximately 89.6% of the roadway/aviation/navigation and necklace lights were operational in the Second Quarter of 2017, which was nearly identical to the 89.9% that was achieved in the Second Quarter of 2016. To date, 40% of the conventional roadway lighting has been converted to high efficiency LED (light-emitting diode), up from the 29% reported for the First Quarter of 2017.
- TBTA maintained and cleaned 675 storm drains in the Second Quarter of 2017 as compared to 892 in the Second Quarter of 2016.
- Wreckers and patrols provided emergency roadway assistance for 2,896 incidents during the Second Quarter of 2017 as compared to 2,418 in the Second Quarter of 2016.
- For the Second Quarter of 2017, E-ZPass toll lane availability remained at 99.97% and newly installed cashless ORT system availability was at 100%.
- For the Second Quarter of 2017, travel time at the HCT, Queens Midtown Tunnel (QMT), Cross Bay Bridge (CBB) and the Henry Hudson Bridge (HHB) cashless ORT facilities have shown improvements of between 4% and 20% as compared to pre-cashless ORT travel times. Only the Marine Parkway Bridge (MPB), which converted to cashless ORT on April 30, 2017, was slightly higher due to lane closures for bridge lift equipment rehabilitation. However, for the peak summer season, the MPB saw more than a 20% travel time improvement.
- Approximately 15,890 summonses were issued in the Second Quarter of 2017 as compared to 8,753 in the Second Quarter of 2016, which was an 81.5% increase.

E-ZPass Performance Report

Ms. Chua referred the Committee to the E-ZPass Performance Report for June 2017 contained in the Committee materials. With regard to the E-ZPass Performance Report for July 2017, Ms. Chua stated that TBTA's E-ZPass Market Share was 89.9%, which is the highest market share ever and 5.6 percentage points higher than the year before. All TBTA facilities except the TNB and BWB have weekday E-ZPass market shares over 90%. More than 47,000 E-ZPass accounts were opened in July 2017. Active E-ZPass accounts at the end of July totaled over 3.3 million, which was 8% above the active account level compared to the same period last year.

Financial Report

Ms. Chua referred the Committee to the Financial Report for June 2017 contained in the Committee materials. She stated that her report compares the results against the July mid-year forecast that was presented to the Finance Committee during the last Board cycle. Through July 2017, toll revenue was \$1.084 billion, which is \$8.9 million or 0.8% lower than the mid-year forecast. For August 2017, preliminary toll revenue is up \$4.8 million or 2.7% against the mid-year budget, which brings down the current unfavorable year-to-date variance reported this month to 0.3%. Through July 2017, traffic is as forecasted at 176.2 million crossings. Preliminary August 2017 traffic is up by 1.9%, which would bring the year to date traffic up 0.2% against the July plan. Total expenses through July 2017 were \$277.0 million, which is \$8.1 million or 2.8% lower than plan. Labor costs were \$4.2 million or 2.6% lower than budget due to payroll vacancies. Non-Labor costs were lower than budget by about \$3.9 million or 3.2% due to timing of expenses. Overtime was \$378,000 or 2.0% higher than

plan due primarily to construction-related maintenance and traffic management support. Total support to mass transit was \$654.4 million, which is \$22.5 million or 3.6% better than plan.

Commissioner Vanterpool asked for an update regarding DMV suspension reciprocity agreements and under current liabilities what the 153,000 unredeemed E-ZPass tolls represent. Ms. Terry responded that the reciprocity agreement with Massachusetts is being finalized and then we will be seeking an agreement with Pennsylvania, which is concluding its prototype agreement with Delaware. Mr. Jairam and Mr. Abrams responded that E-ZPass is a prepaid program and that the unredeemed tolls are those that have been paid for in advance of the tolls being charged.

Commissioner Pally asked when ORT toll collection and payment information will be provided regarding facilities other than the HHB. Mr. Abrams stated that based on the Committee presentation in June, preliminary results at the tunnels and the Rockaways facilities were positive in that the ORT revenue collection is very similar to the HHB.

Referring to the Reinvent Albany public speaker and her comments about the letter sent to the NYS ABO, Commissioner Vanterpool expressed that the position that they have taken and the concerns that they have raised are alarming and she asked Mr. Fulton what the total cost of the towers will be and, since they have not been referred to as such in the Committee materials, how they will be identified going forward so that they can be easily searched. She also stated that moving forward the Committee and Board need to understand how they are voting on procurements instead of learning about the details in the press and that her comment is not specific to TBTA but applies MTA-wide. She requested improved communication and specificity with regard to procurements and actions that the Committee and Board members are requested to take with regard to these matters. Commissioner Pally agreed that the more information that is provided the better so that the Committee and Board is fully informed on the procurements. Commissioner Trottenberg stated that the allegations in letter to the NYS ABO are serious in that they are accusing the Committee and Board of failing as fiduciaries or not having enough information to be fiduciaries. She too questioned how much the towers cost. Mr. Fulton responded that the New York Crossings Project is \$501.7 million and in that is work specifically for ORT and plaza modernization. The infrastructure incorporates ORT equipment and improvements. He understands that according to the press reports approximately \$42 to \$47 million has been associated with the tower work at the QMT, HCT and RFK for ORT and other functional uses such as cameras for operating purposes. While approximately \$100 million is available for towers and other ORT work, the \$42 to \$47 million at the two tunnels and the RFK is to determine the sense of what it would take for full implementation. Commissioner Trottenberg stated that with \$42 million for the HCT, QMT, RFK, there is only \$58 million left for the rest of the facilities. She wants the cost information provided publicly at a Board meeting so that it is transparent and in accord with their fiduciary responsibilities. Commissioner Greenberg stated that going forward if there are major public projects, especially those visible to the public, they should go before the Committee and Board as informational purposes even if they do not require a vote for approval.

2017 Mid-Year Forecast Monthly Allocation

Ms. Chua referred the Committee to the 2017 Mid-Year Forecast Monthly Allocation that allocates the July Financial Plan revenue and expenses and it also includes the 2018 preliminary budget.

Capital Program Status Report

With regard to the Capital Program Status Report for July and August 2017, Mr. Keane stated that there were 29 commitments made with a total value of \$24.0 million, which compares to a monthly plan calling for 10 commitments with a value of \$67.8 million. Year to date, 148 commitments have been made with a total value of \$471.9 million, which is approximately 89.4% of the \$527.7 million annual planned commitments. This compares to a cumulative year-to-date planned value of \$427 million. While no projects were completed in August, two projects were completed in July totaling \$22.6 million for structural rehabilitation at the QMT Manhattan plaza for \$16.4 million and plaza and approach ramp painting at the RFKB for \$6.1 million. Year to

date, there were nine completions totaling \$423.4 million compared to a plan calling for \$124.3 million in completions. The positive variance in actual completions versus planned completions is primarily attributable to two early completions at the VNB totaling \$276.8 million. There were 13 task level closeouts in July for \$50.4 million and six in August for \$1.8 million. Through August, there have been 77 task level closeouts totaling \$166.5 million. Commissioner Wortendyke asked for clarification regarding comments made by Commissioner Greenberg. Both Commissioners Greenberg and Pally responded that based on earlier discussions there will likely be a review of the procurement guidelines, voting and disclosure of upcoming or planned projects. Commissioner Pally complimented the beautiful work that has been completed at the VNB.

Procurements

For September 2017, Mr. Bajor stated that there are four (4) procurements totaling \$29.451 million.

Non-Competitive Procurements

Mr. Bajor stated that there are no non-competitive procurements.

Competitive Procurements

Mr. Bajor stated that there are four (4) competitive procurements that are public works modifications totaling \$29.451 million, as follows:

The first one is at the VNB for the remaining necessary civil, structural and electrical infrastructure construction work associated with ORT in the amount of \$15,850,375.70; the second one is at the HCT for the demolition and replacement of the Morris Street Pedestrian Overpass in the amount of \$10,325,000.00; the third one is at the BWB for revisions associated with the installation of the ORT system in the negotiated amount of \$1,898,486.77. The fourth and final modification is at the VNB to reconcile contract items and add additional items of work in the negotiated amount of \$1,377,456.25.

Upon a motion duly made and seconded, the Committee considered and voted in favor of the procurements.

Modifications to Purchase and Public Works Contracts

Tutor Perini Corp.	Contract No. VN-80B TBTA is seeking Board Approval under the All Agency General Contract Procurement Guidelines to amend a public works contract for the remaining necessary civil, structural and electrical infrastructure construction work associated with Open Road Tolling (ORT) for both the Upper and Lower Levels within the Staten Island Plaza and Approach in the westbound direction at the Verrazano-Narrows Bridge.	\$15,850,375.70
Tully Construction Co., Inc.	Contract No. BB-28S TBTA is seeking Board Approval under the All Agency General Contract Procurement Guidelines to amend a public works contract to demolish and replace the Morris Street Pedestrian Overpass (MSPO). In April 2017 the Board authorized the procurement of long lead time materials in the amount of \$1,650,000. The current	\$10,325,000.00

request is for the approval of the remaining amount.

Halmar International, LLC	Contract No. BW14/BW-84C TBTA is seeking Board Approval under the All Agency General Contract Procurement Guidelines to amend a public works contract for revisions to the installation of the Open Road Tolling system at the Bronx-Whitestone Bridge.	\$1,898,486.77
Ahern Painting Contractors, Inc.	Contract No. VNM-379/380/383 TBTA is seeking Board approval under the All Agency General Contract Procurement Guidelines to amend a public works contract for interim reconciliation of contract items and additional new items of work which includes: (i) the replacement of two hatches and five hatch splashguards to ensure security and to reduce water intrusion; (ii) replacement of a bottom chord between stringers and (iii) replacement of permanent knee braces near the side span finger joints that have been flagged. Also, an increased quantity of spot surface cleaning and painting is required for deteriorated areas at existing bridge gantries.	\$1,377,456.25

Mr. Bajor stated that there are no ratifications.

Diversity Report Second Quarter 2017

Ms. Moore stated that for the Second Quarter of 2017, TBTA's workforce was comprised of 1,541 employees, of which 25% are Females, 57% are Minorities and 6% are Veterans. TBTA hired 126 employees, of which 59% are Females, 80% are Minorities and 2% are Veterans. With regard to EEO and Title VI complaints, Ms. Moore stated that TBTA's caseload included a total of 15 EEO complaints – eight (8) internal complaints, most of which cited gender, and seven (7) external complaints, most of which cited race/color. TBTA closed seven (7) EEO cases and seven (7) lawsuits where 67% of the cases were in favor of TBTA and 33% were dismissed. There were no reported Title VI complaints.

Adjournment

There being no further business before the Committee, the meeting adjourned.

Respectfully submitted,



Julia R. Christ
Secretary



Bridges and Tunnels

Committee Work Plan

BRIDGES & TUNNELS COMMITTEE WORK PLAN

I. RECURRING AGENDA ITEMS

TOPIC

Approval of Minutes
 Committee Work Plan
 Report on Operations/Safety

 Financial Report
 E-ZPass Performance Report
 Capital Program Project Status Report

 Procurements
 Action Items (if any)

Responsibility

Committee Chair & Members
 Committee Chair & Members
 Revenue Management/
 Health & Safety
 Controller/Planning & Budget
 Revenue Management
 Engineering & Construction/
 Planning & Budget
 Procurement & Materials

II. SPECIFIC AGENDA ITEMS

Responsibility

October 2017

2018 Preliminary Budget

Planning & Budget

November 2017

Customer Environment Survey – 3rd Quarter 2017
 2018 Preliminary Budget
 B&T Committee Charter – Review

Operations
 Planning & Budget
 MTA Board

December 2017

2018 Proposed Committee Work Plan
 2018 Proposed Final Budget
 Diversity Report – 3rd Quarter 2017

Committee Chair & Members
 Planning & Budget
 EEO

January 2018

Approval of 2018 Work Plan

Committee Chair & Members

February 2018

Preliminary Review of 2017 Operating Budget Results
 2018 Adopted Budget/Financial Plan 2018-2021
 2017 B&T Operating Surplus
 Customer Environment Survey – 4th Quarter 2017
 Diversity Report – 4th Quarter 2017

Planning & Budget
 Planning & Budget
 Controller
 Operations
 EEO

March 2018

Annual Procurement Contracts Report

Procurement & Materials/
 Finance

April 2018

Final Review of 2017 Year-End Operating Results

Planning & Budget

May 2018

Customer Environment Survey – 1st Quarter 2018
Diversity Report – 1st Quarter 2018

Operations
EEO

June 2018

No items scheduled.

July 2018

No items scheduled.

August 2018

No meeting scheduled.

September 2018

Customer Environment Survey – 2nd Quarter 2018
2019 Preliminary Budget
Diversity Report – 2nd Quarter 2018

Operations
Planning & Budget
EEO

BRIDGES & TUNNELS COMMITTEE WORK PLAN

Detailed Summary

I. RECURRING

Approval of Minutes

Approval of the official proceedings of the Committee Meeting.

Report on Operations/Safety

Summary of B&T's major service indicators, which includes graphs and tables depicting total traffic for all facilities, manual traffic, and E-ZPass traffic volume for the most recent rolling 12 months compared to the previous year's rolling 12 months. Customer and employee safety indicators are included in various graphs and tables. The Report on Operations/Safety is reported on a two-month lag, except in the month of September, at which time it includes the statistics for June and July.

E-ZPass Performance Report

Summary presentation of the performance of E-ZPass, which includes various E-ZPass statistics, such as performance at all facilities, weekday and weekend performance by facility, interoperability statistics, and customer service statistics, in addition to graphs depicting E-ZPass market share, transactions from other agencies, tags issued, and the tag swap program. The E-ZPass Performance Report is provided on a two-month lag, except in the month of September, at which time it includes the June and July reports.

Financial Report

Summary presentation of the financial indicators for the month, which includes the Balance Sheet for the reported month, Accrual Statement of Operations for the month and year-to-date, variance analysis, traffic volume and ridership information, and headcount charts. The Financial Report is provided on a two-month lag, except in the month of September, at which time it includes the June and July reports.

Capital Program Project Status Report

Summary of the status of the current capital program, including commitments, completions, and closeouts, in addition to graphic presentations of the commitments and completions for the plan vs. actuals for the year. The Capital Program Project Status Report is provided on a one-month lag, except in the month of September, at which time it includes the July and August reports.

Procurements

List of procurement action items requiring Board approval. The non-competitive items are listed first, followed by competitive items, and then ratifications. The list will indicate items that require a 2/3 vote and a majority vote of the Board for approval. Procurements are for the current month; in the month of September, the August and September procurements are included.

Staff summary documents presented to the Board for approval for items affecting business standards and practices.

II. SPECIFIC AGENDA ITEMS

OCTOBER 2017

2018 Preliminary Budget

Public comment will be accepted on the 2018 Preliminary Budget.

NOVEMBER 2017

Customer Environment Survey – 3rd Quarter 2017

Review and discuss key customer service areas: improve customer service and traffic mobility at all facilities; ensure the safety of customers traveling over the bridges and tunnels; and enhance the customer environment of bridge and tunnel facilities.

2018 Preliminary Budget

Public comment will be accepted on the 2017 Preliminary Budget.

B&T Committee Charter - Review

Review and assess the adequacy of the Charter annually.

DECEMBER 2017

2018 Proposed Committee Work Plan

The Committee Chair will present a draft Bridges and Tunnels Committee Work Plan for 2018 that will address initiatives to be reported throughout the year.

2018 Proposed Final Budget

The Committee will recommend action to the Board.

Diversity Report – 3rd Quarter 2017

Review and discuss workforce analysis and activities as presented to the Board's Diversity Committee Quarterly meeting.

JANUARY 2018

Approval of Work Plan for 2018

The committee will have already received a draft work plan for 2018 at the December 2017 meeting. The committee will be requested to approve the amended work plan for the year.

FEBRUARY 2018

Preliminary Review of 2017 Operating Budget Results

The agency will present a brief review of its 2017 Operating Budget results.

2018 Adopted Budget and February Financial Plan 2018-2021

The Agency will present its revised 2017 Adopted Budget and Financial Plan which will incorporate any changes made by the Board at the December 2017 meeting and any Agency technical adjustments.

2017 B&T Operating Surplus

The Committee will recommend action to the Board.

FEBRUARY 2018 (cont'd)

Customer Environment Survey – 4th Quarter 2017

Review and discuss key customer service areas: improve customer service and traffic mobility at all facilities; ensure the safety of customers traveling over the bridges and tunnels; and enhance the customer environment of bridge and tunnel facilities.

Diversity Report – 4th Quarter 2017

Review and discuss workforce analysis and activities as presented to the Board's Diversity Committee Quarterly meeting.

MARCH 2018

Annual Procurement Contracts Report

This report contains information on contracts awarded during the previous fiscal year and contracts open from the previous years as required by Section 2879 of the State Public Authorities Law.

APRIL 2018

Final Review of 2017 Year-End Operating Results

The customary review of prior year's budget results and their implications for current and future budget performance will be presented to the Committee. Each Agency will present for inclusion in the Agenda materials, and be prepared to answer questions, on a review of its experience. The MTA Budget Division will prepare an overall review also for inclusion in the materials that draws MTA-wide conclusions.

MAY 2018

Customer Environment Survey – 1st Quarter 2018

Review and discuss key customer service areas: improve customer service and traffic mobility at all facilities; ensure the safety of customers traveling over the bridges and tunnels; and enhance the customer environment of bridge and tunnel facilities.

MAY 2018 (cont'd)

Diversity Report – 1st Quarter 2018

Review and discuss workforce analysis and activities as presented to the Board's Diversity Committee Quarterly meeting.

JUNE 2018

No items scheduled.

JULY 2018

No items scheduled.

AUGUST 2018

No meeting scheduled.

SEPTEMBER 2018

Customer Environment Survey – 2nd Quarter 2018

Review and discuss key customer service areas: improve customer service and traffic mobility at all facilities; ensure the safety of customers traveling over the bridges and tunnels; and enhance the customer environment of bridge and tunnel facilities.

2019 Preliminary Budget

Agency will present highlights of the Preliminary Budget to the Committee. Public comment will be accepted on the 2018 Preliminary Budget.

Diversity Report – 2nd Quarter 2018

Review and discuss workforce analysis and activities as presented to the Board's Diversity Committee Quarterly meeting.



Bridges and Tunnels

Report on Operations October 2017



MTA Bridges and Tunnels August 2017 Traffic Trends

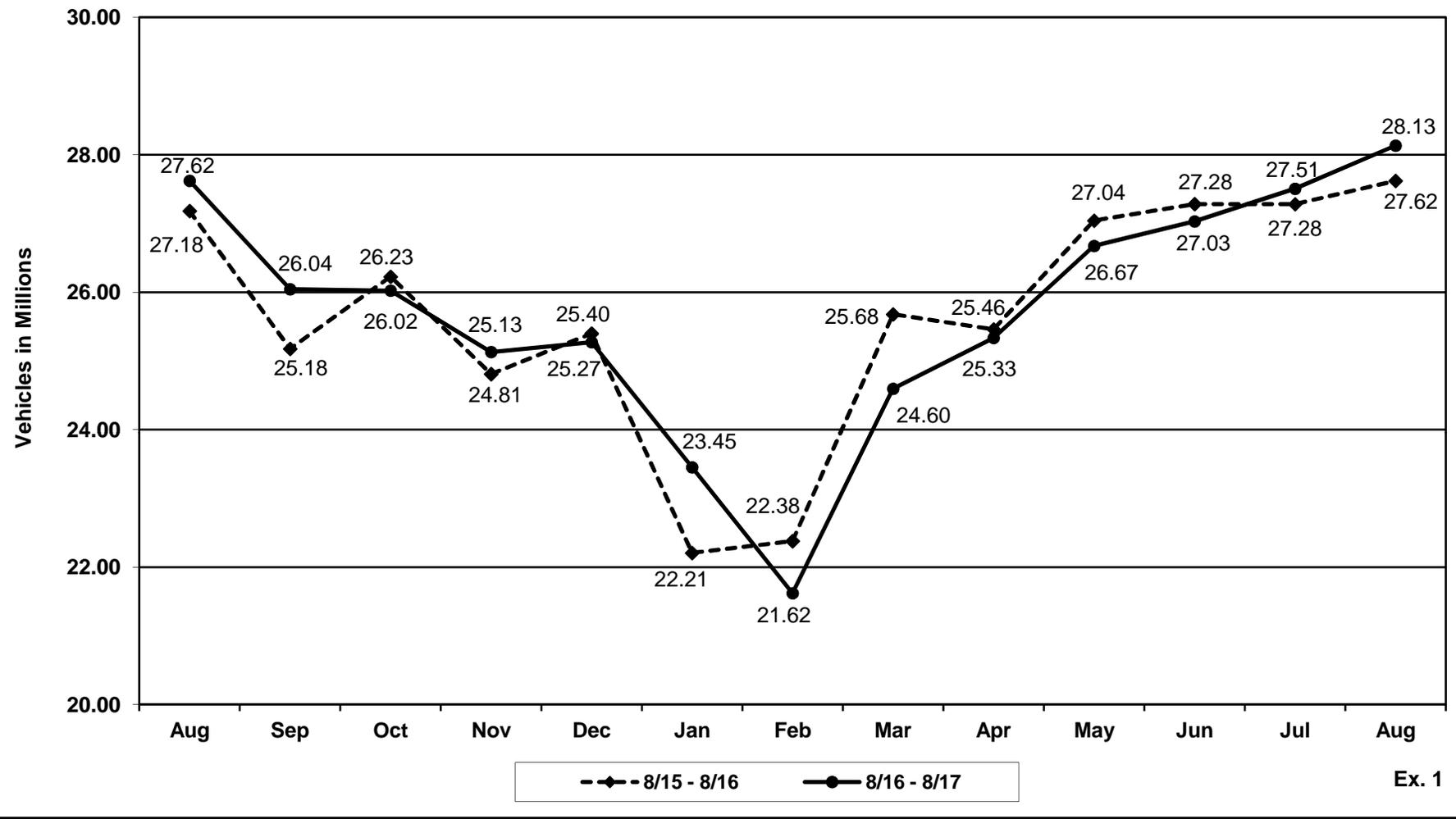
Summary

Traffic was higher on a year-to-year basis, with 28.1 million crossings this month vs. 27.6 million crossings in August 2016, an increase of 1.9% (Exhibit 1).

Rainfall this year was 3.3 inches compared to 1.1 inches last year. Gas prices averaged \$2.51 per gallon this August, which was \$0.29 more than last year at this time.

E-ZPass volume increased in August by 9.2% compared to the same month in 2016 and crossings using Tolls by Mail, cash and other payment methods declined by 39.3% (Exhibit 7). Passenger car travel increased by 1.8% and other vehicle travel increased 2.8% from August of 2016 (Exhibit 8).

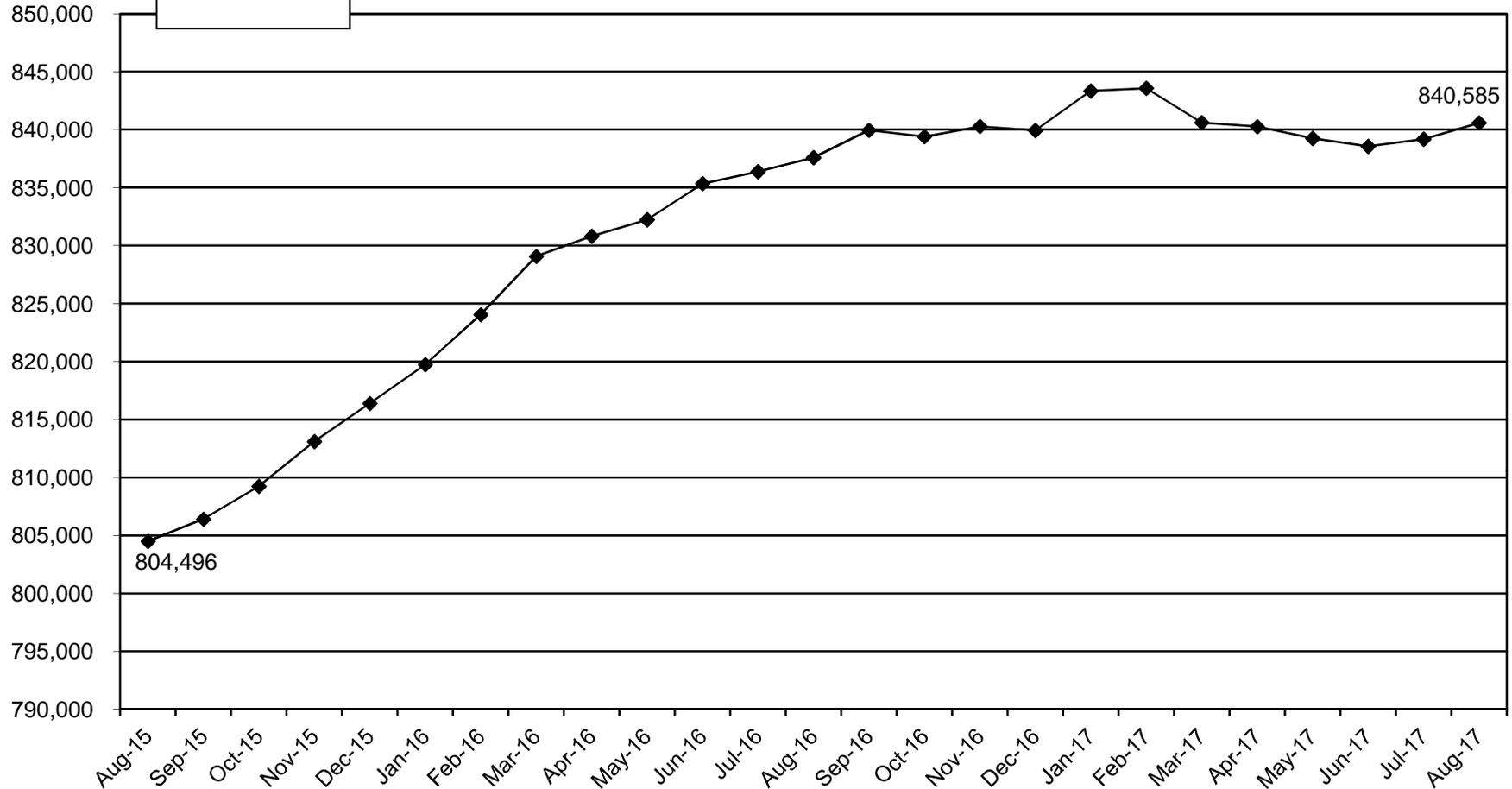
MTA Bridges and Tunnels Traffic Volume - All Facilities Two Years Ending August 2017



Ex. 1

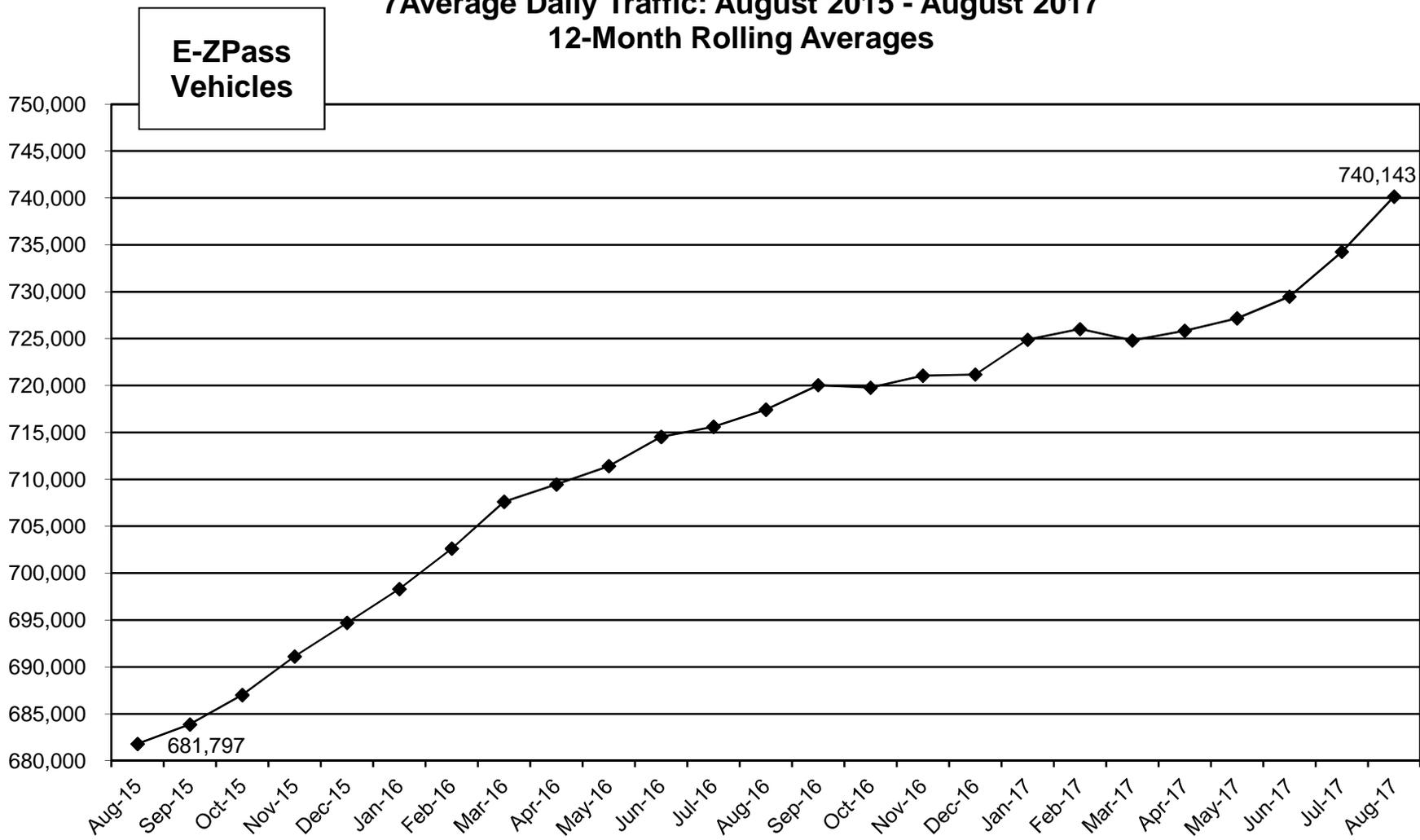
MTA Bridges and Tunnels Average Daily Traffic: August 2015 - August 2017 12-Month Rolling Averages

All Vehicles



Ex. 2

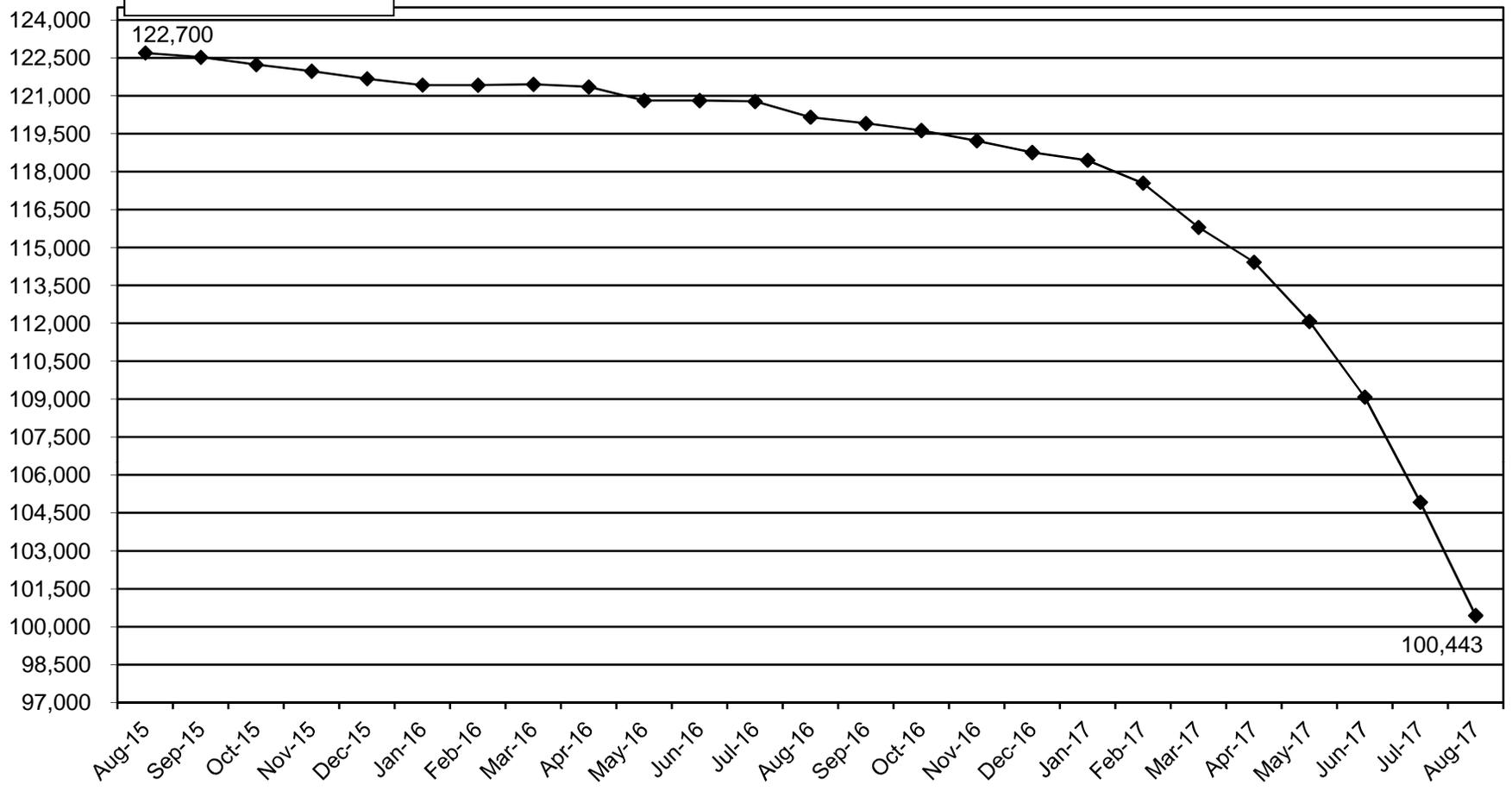
MTA Bridges and Tunnels 7Average Daily Traffic: August 2015 - August 2017 12-Month Rolling Averages



Ex. 3

MTA Bridges and Tunnels Average Daily Traffic: August 2015 - August 2017 12-Month Rolling Averages

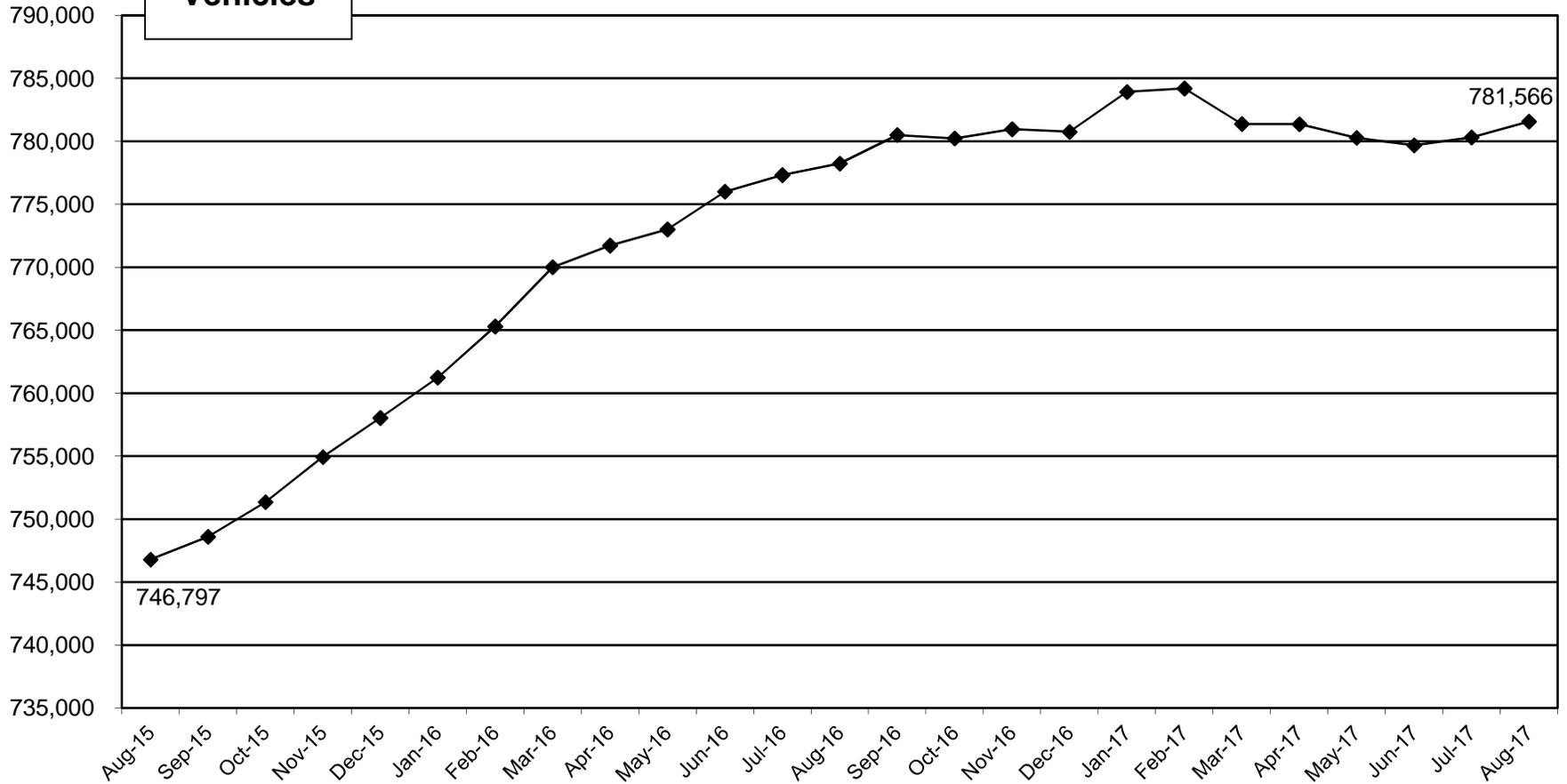
**Non-E-ZPass
Vehicles***



*Includes Tolls by Mail, cash, token, and ticket transactions.

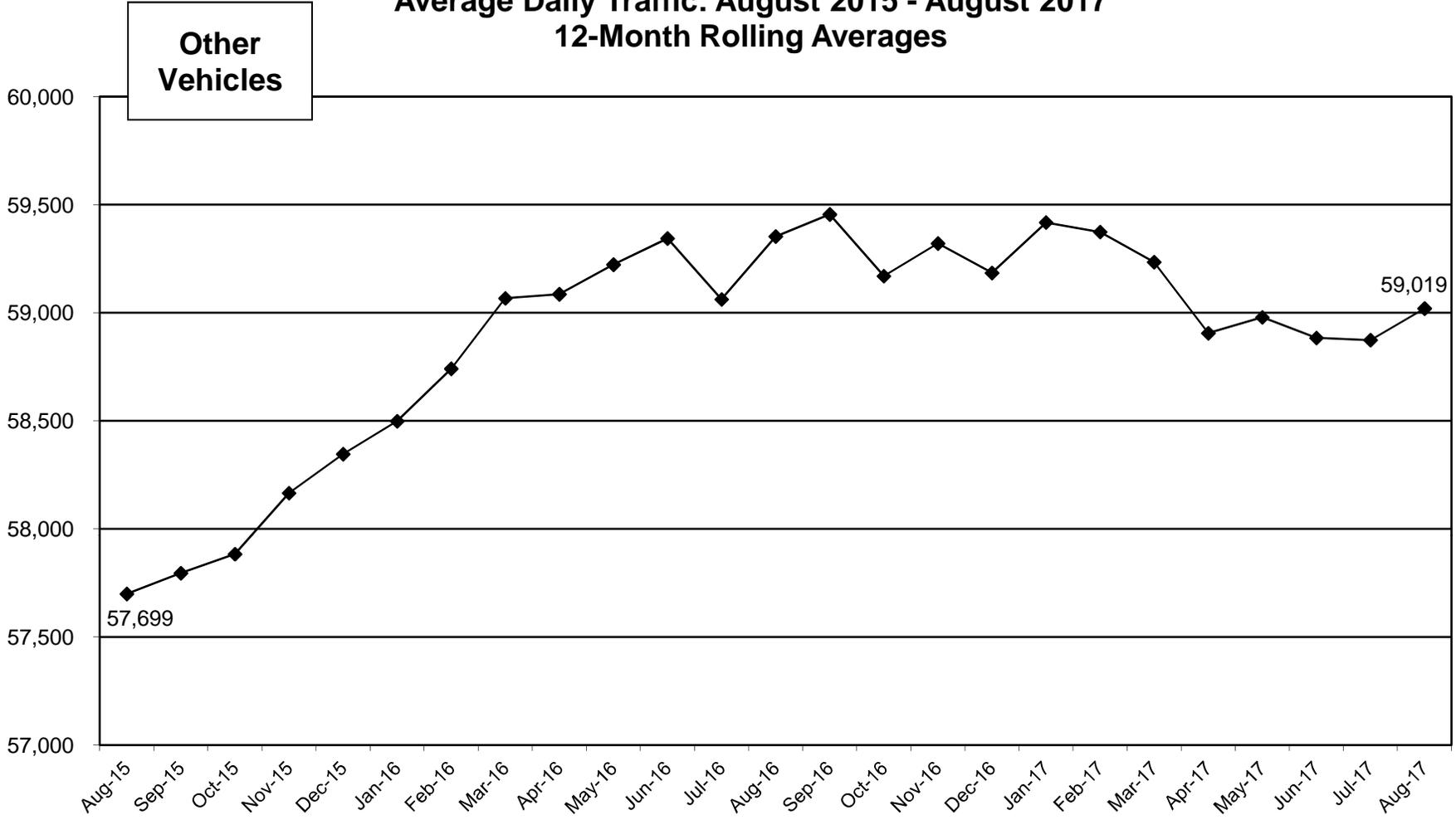
MTA Bridges and Tunnels Average Daily Traffic: August 2015 - August 2017 12-Month Rolling Averages

Passenger
Vehicles



Ex. 5

MTA Bridges and Tunnels Average Daily Traffic: August 2015 - August 2017 12-Month Rolling Averages



Ex. 6

**MTA Bridges and Tunnels
Percent Change in Average Daily Traffic by Toll Media**

Corridor	Toll Media	Aug ⁽¹⁾	3 Months ⁽²⁾ (Jun-Aug)	6 Months ⁽³⁾ (Mar-Aug)	9 Months ⁽⁴⁾ (Dec-Aug)	12 Months ⁽⁵⁾ (Sep-Aug)
All Facilities	Total Vehicles	1.9%	0.6%	-0.7%	0.0%	0.4%
	E-ZPass	9.2%	6.8%	3.8%	3.5%	3.2%
	Cash/Tolls by Mail ⁽⁶⁾	-39.3%	-34.4%	-26.8%	-20.8%	-16.4%
RFK Bridge	Total Vehicles	5.7%	2.2%	-0.7%	0.4%	0.7%
	E-ZPass	17.9%	13.1%	6.7%	6.1%	5.3%
	Cash/Tolls by Mail ⁽⁶⁾⁽⁷⁾	-49.0%	-47.1%	-34.8%	-26.3%	-20.7%
Queens Midtown Tunnel Hugh L. Carey Tunnel	Total Vehicles	1.1%	-4.7%	-8.4%	-8.7%	-9.2%
	E-ZPass	6.5%	0.6%	-3.7%	-4.7%	-6.1%
	Cash/Tolls by Mail ⁽⁶⁾⁽⁷⁾	-46.6%	-51.1%	-50.3%	-45.0%	-38.0%
Bronx-Whitestone Bridge Throgs Neck Bridge	Total Vehicles	-1.6%	-0.5%	-0.1%	-2.1%	1.8%
	E-ZPass	3.0%	3.6%	3.3%	0.9%	4.1%
	Cash/Tolls by Mail ⁽⁶⁾⁽⁷⁾	-22.4%	-18.7%	-15.5%	-20.7%	-8.9%
Verrazano-Narrows Bridge	Total Vehicles	3.9%	2.5%	1.8%	2.7%	3.3%
	E-ZPass	13.2%	9.0%	5.8%	5.8%	5.8%
	Cash/Tolls by Mail ⁽⁶⁾⁽⁷⁾	-53.4%	-37.2%	-24.2%	-17.7%	-13.3%
Henry Hudson Bridge	Total Vehicles	1.9%	4.0%	3.8%	3.8%	4.2%
	E-ZPass	3.3%	5.3%	4.6%	4.4%	4.7%
	Tolls By Mail	-15.2%	-12.6%	-8.4%	-4.5%	-1.7%
Marine Parkway Bridge Cross Bay Bridge	Total Vehicles	-0.5%	1.1%	0.3%	0.7%	0.7%
	E-ZPass	8.9%	10.5%	7.1%	5.8%	4.7%
	Cash/Tolls by Mail ⁽⁶⁾⁽⁷⁾	-53.8%	-51.1%	-42.6%	-32.9%	-26.1%

(1) August 2017 vs. August 2016.

(2) June 2017 to August 2017 vs. June 2016 to August 2016.

(3) March 2017 to August 2017 vs. March 2016 to August 2016.

(4) December 2016 to August 2017 vs. December 2015 to August 2016.

(5) September 2016 to August 2017 vs. September 2015 to August 2016.

(6) Includes tokens and tickets.

(7) Tolls by Mail was implemented on the following schedule in 2017: Hugh L. Carey Tunnel, January 4th; Queens Midtown Tunnel, January 10th; Marine Parkway and Cross Bay Bridges, April 30; RFK Bridge, June 15; Verrazano-Narrows Bridge, July 8.

**MTA Bridges and Tunnels
Percent Change in Average Daily Traffic by Toll Media**

Corridor	Toll Media	Aug ⁽¹⁾	3 Months ⁽²⁾ (Jun-Aug)	6 Months ⁽³⁾ (Mar-Aug)	9 Months ⁽⁴⁾ (Dec-Aug)	12 Months ⁽⁵⁾ (Sep-Aug)
All Facilities	Total Vehicles	1.9%	0.6%	-0.7%	0.0%	0.4%
	Passenger	1.8%	0.6%	-0.6%	0.1%	0.4%
	Other	2.8%	0.3%	-1.2%	-0.7%	-0.6%
RFK Bridge	Total Vehicles	5.7%	2.2%	-0.7%	0.4%	0.7%
	Passenger	5.7%	2.2%	-0.7%	0.4%	0.8%
	Other	6.4%	2.0%	-0.6%	-0.4%	-0.8%
Queens Midtown Tunnel Hugh L. Carey Tunnel	Total Vehicles	1.1%	-4.7%	-8.4%	-8.7%	-9.2%
	Passenger	1.2%	-4.6%	-8.5%	-8.9%	-9.5%
	Other	-0.6%	-5.2%	-7.0%	-6.6%	-6.4%
Bronx-Whitestone Bridge Throgs Neck Bridge	Total Vehicles	-1.6%	-0.5%	-0.1%	-2.1%	1.8%
	Passenger	-1.6%	-0.4%	0.0%	-2.1%	1.9%
	Other	-1.6%	-1.4%	-1.0%	-2.2%	0.7%
Verrazano-Narrows Bridge	Total Vehicles	3.9%	2.5%	1.8%	2.7%	3.3%
	Passenger	3.7%	2.5%	1.8%	2.7%	3.3%
	Other	6.9%	3.9%	1.9%	2.5%	2.6%
Henry Hudson Bridge	Total Vehicles	1.9%	4.0%	3.8%	3.8%	4.2%
	Passenger	1.9%	4.0%	3.9%	4.0%	4.4%
	Other	1.3%	-3.6%	-6.3%	-12.9%	-11.0%
Marine Parkway Bridge Cross Bay Bridge	Total Vehicles	-0.5%	1.1%	0.3%	0.7%	0.7%
	Passenger	-1.1%	0.7%	0.0%	0.6%	0.7%
	Other	12.3%	9.3%	4.0%	2.6%	1.4%

(1) August 2017 vs. August 2016.

(2) June 2017 to August 2017 vs. June 2016 to August 2016.

(3) March 2017 to August 2017 vs. March 2016 to August 2016.

(4) December 2016 to August 2017 vs. December 2015 to August 2016.

(5) September 2016 to August 2017 vs. September 2015 to August 2016.

Supplemental Data Page for the Report on Operations

<u>Month</u>	Traffic & Average Gas Price⁽¹⁾		Weather⁽²⁾			<u>Precipitation Days</u>
	<u>Traffic</u>	<u>Gas</u>	<u>Average Temperature</u>	<u>Rain Inches</u>	<u>Snow Inches</u>	
Aug-15	27,179,957	\$2.68	79	1.9	-	4
Sep-15	25,176,781	\$2.44	74	2.5	-	6
Oct-15	26,225,167	\$2.29	59	3.4	-	7
Nov-15	24,808,987	\$2.25	54	1.7	-	5
Dec-15	25,398,337	\$2.18	50	3.9	-	17
Jan-16	22,206,860	\$2.05	36	4.2	28.8	7
Feb-16	22,379,445	\$1.90	39	4.4	5.6	13
Mar-16	25,678,007	\$1.93	49	1.3	1.8	11
Apr-16	25,460,062	\$2.17	53	1.7	-	11
May-16	27,041,559	\$2.33	64	3.9	-	11
Jun-16	27,281,473	\$2.38	74	2.2	-	9
Jul-16	27,279,840	\$2.31	81	5.0	-	12
Aug-16	27,620,446	\$2.22	82	1.1	-	10
Sep-16	26,043,256	\$2.23	74	2.5	-	9
Oct-16	26,022,431	\$2.27	61	4.8	-	6
Nov-16	25,130,058	\$2.39	53	5.4	-	8
Dec-16	25,273,158	\$2.44	40	3.0	3.0	10
Jan-17	23,452,652	\$2.54	40	3.9	10.1	15
Feb-17	21,620,767	\$2.49	43	1.9	10.3	6
Mar-17 ⁽³⁾	24,595,618	\$2.44	41	4.7	9.8	10
Apr-17	25,334,978	\$2.52	58	4.1	-	12
May-17	26,672,515	\$2.51	63	6.0	-	12
Jun-17	27,030,355	\$2.49	74	4.2	-	9
Jul-17	27,505,587	\$2.44	79	4.3	-	8
Aug-17	28,132,320	\$2.51	76	3.3	-	13

Note: Bold numbers are preliminary.

TABLE 2 - Year-over-Year Differences

<u>Month</u>	Traffic & Gas Monthly Inc/(Dec)		Weather Monthly Inc/(Dec)			<u>Precipitation Days</u>
	<u>Traffic</u>	<u>Gas</u>	<u>Average Temperature</u>	<u>Rain Inches</u>	<u>Snow Inches</u>	
2016 vs. 2015						
August	440,489	(\$0.46)	3	(0.8)	-	6
September	866,475	(\$0.21)	0	0.0	-	3
October	(202,736)	(\$0.02)	2	1.4	-	(1)
November	321,071	\$0.14	(1)	3.7	-	3
December	(125,179)	\$0.26	(10)	(0.9)	3	(7)
2017 vs. 2016						
January	1,245,792	\$0.49	4	(0.3)	(19)	8
February	(758,678)	\$0.59	4	(2.5)	5	(7)
March	(1,082,389)	\$0.51	(8)	3.4	8	(1)
April	(125,084)	\$0.35	5	2.4	-	1
May	(369,044)	\$0.18	(1)	2.1	-	1
June	(251,118)	\$0.11	0	2.0	-	0
July	225,747	\$0.13	(2)	(0.7)	-	(4)
August	511,874	\$0.29	(6)	2.2	-	3

1. Average gasoline (all types) price per gallon data are from the U.S. Bureau of Labor Statistics, NY-NJ-CT-PA area.
2. Local weather data are from the National Weather Service, LaGuardia Airport Station.
3. Toll Increase, March 19, 2017

Supplemental Data Page for Exhibits 2 through 6

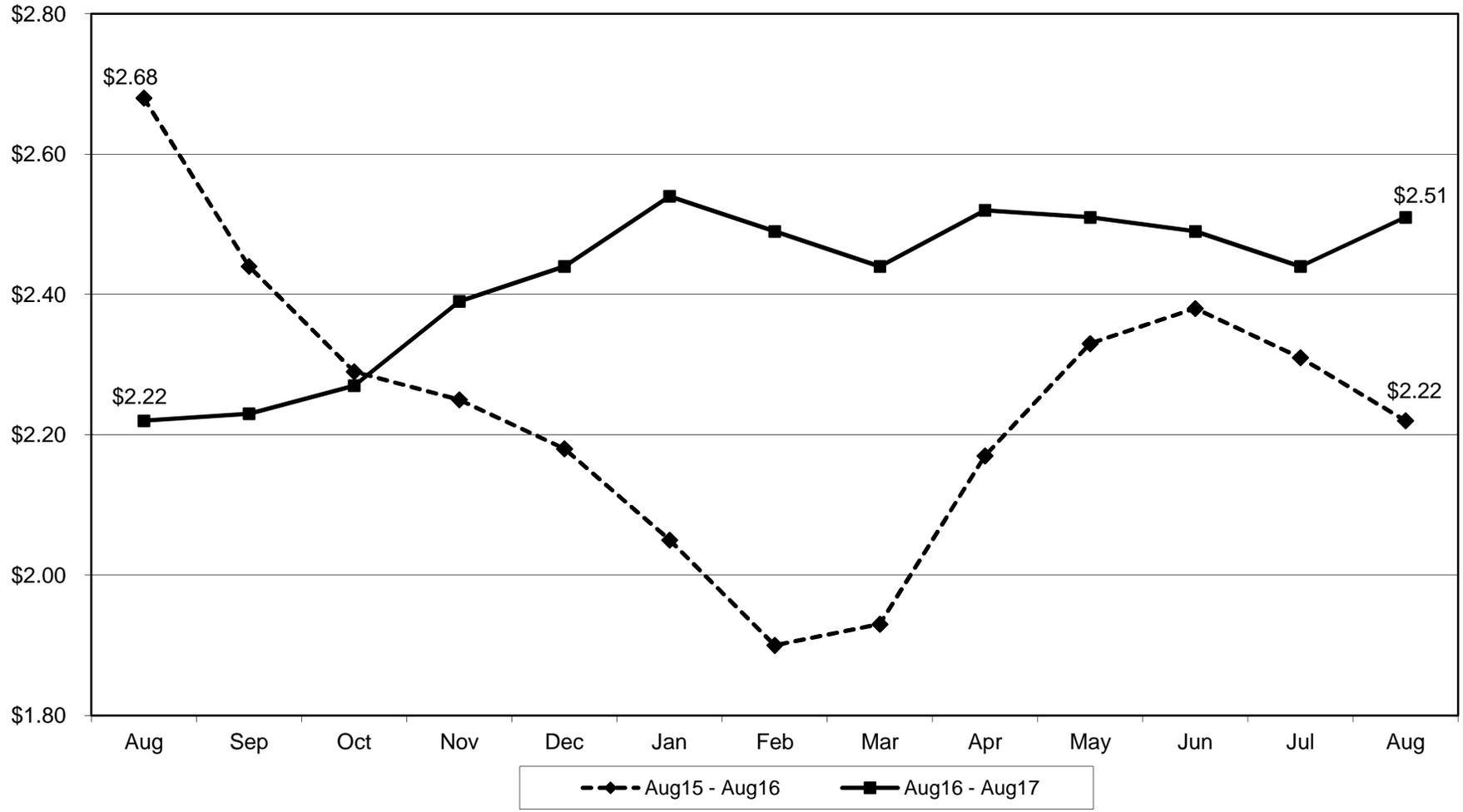
Average Daily Traffic: 12-Month Rolling Averages

<u>Month</u>	<u>All Vehicles¹</u>	<u>E-ZPass</u>	<u>Non-E-ZPass²</u>	<u>Passenger</u>	<u>Other</u>
Aug-15	804,496	681,797	122,700	746,797	57,699
Sep-15	806,402	683,874	122,529	748,607	57,795
Oct-15	809,239	687,002	122,236	751,355	57,883
Nov-15	813,097	691,118	121,979	754,931	58,166
Dec-15	816,384	694,706	121,678	758,038	58,346
Jan-16	819,736	698,310	121,426	761,238	58,498
Feb-16	824,042	702,619	121,423	765,302	58,741
Mar-16	829,073	707,615	121,458	770,006	59,067
Apr-16	830,808	709,454	121,354	771,723	59,086
May-16	832,232	711,414	120,817	773,009	59,222
Jun-16	835,349	714,533	120,816	776,005	59,343
Jul-16	836,384	715,603	120,780	777,322	59,062
Aug-16	837,587	717,430	120,157	778,235	59,353
Sep-16	839,955	720,046	119,909	780,500	59,455
Oct-16	839,401	719,772	119,629	780,231	59,169
Nov-16	840,278	721,056	119,223	780,958	59,320
Dec-16	839,936	721,175	118,761	780,752	59,184
Jan-17	843,340	724,889	118,451	783,923	59,417
Feb-17	843,572	726,022	117,550	784,199	59,373
Mar-17	840,606	724,805	115,801	781,372	59,234
Apr-17	840,264	725,840	114,423	781,358	58,905
May-17	839,253	727,172	112,081	780,274	58,979
Jun-17	838,565	729,481	109,083	779,681	58,883
Jul-17	839,183	734,259	104,924	780,310	58,873
Aug-17	840,585	740,143	100,443	781,566	59,019

Note: Bold numbers are preliminary.

1. Numbers may not add due to rounding.
2. Includes Tolls by Mail, cash, token, and ticket transactions

Supplemental Graph Gas Prices in the NY-NJ-CT-PA Area August 2015 - August 2017





Bridges and Tunnels

Safety Report August 2017



Safety Report

Statistical results for the 12-Month period are shown below.

Performance Indicator			
Performance Indicator	12-Month Average		
	September 2014 - August 2015	September 2015 - August 2016	September 2016 - August 2017
Customer Collisions Rate for Bridge Customers per Million Vehicles	5.74	6.95	8.47
Customer Injury Collisions Rate for Bridge Customers per Million Vehicles	0.91	0.94	1.03
Employee Accident Reports	258	259	259
Employee Lost Time Injuries Rate per 200,000 worker hours	5.2	6.7	6.6
Construction Injuries per 200,000 worker hours	2.71	1.94	1.98

Leading Indicators				
Roadway Safety	2016		2017	
	August	Year End	August	Year to Date
Workforce Development (# of Participants)	70	740	6	555
Fleet Preventative Maintenance Insp.	145	1281	117	931
Safety Taskforce Inspections	0	13	0	7
Construction Safety	August	Year End	August	Year to Date
Construction Safety Inspections	416	4161	248	2298
Fire Safety	August	Year End	August	Year to Date
Fire Code Audits Completed	1	13	1	9
FDNY Liaison Visits	1	25	0	18

Definitions:

Workforce Development provides for focused safety and skills training to all operations, maintenance and staff personnel. Classes feature OSHA 10 and 30 Classes, operations mandatory safety and skills instruction and retraining and specialty training (TIMS, CDL, FDNY instruction, Wrecker Driver Instruction and Roadway Safety Rules).

Fleet Preventative Maintenance Inspections are conducted at each location to improve the customer and worker safety environment. Inspections identify potential hazardous roadway or facility conditions and prescribe corrective actions to eliminate hazards.

Safety Taskforce Inspections are conducted by the joint Labor and Management Committee at each facility throughout the year on a rotating basis. The inspections consist of reviewing past accident and incident experiences/reports and facility safety reports. The Taskforce meets with location management and union representatives and makes a complete tour of the facility. The Taskforce is comprised of representatives of the Safety and Operations groups and has representation from each of the represented unions.

Construction Safety Inspections are conducted by an independent safety monitor to ensure that the necessary components for a safe construction are present. Inspections include review of safety organization, job hazard analysis, safe work plans for specific high risk activities, personal protective equipment, fire protection, industrial hygiene, and training.

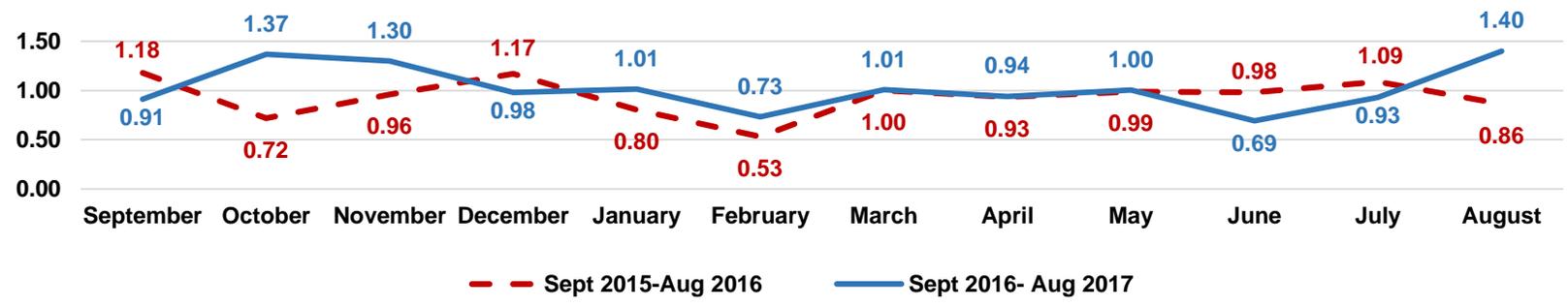
Fire Code Audits are required by the NYS Uniform Fire Prevention Code. They are conducted by the Safety and Health Department at each building and facility throughout the Agency. They feature a review of fire prevention activities and the condition of fire fighting and suppression equipment.

FDNY Liaison Visits are conducted on a regular basis (typically twice a year) whereby local fire companies visit and tour the facilities to become familiar with the structures and buildings and the fire equipment provided. This facilitates the development of strategies for fighting fires and responding to emergencies. Additionally, special drills and training exercises are conducted to drill on communications and special rescue operations should they be required.

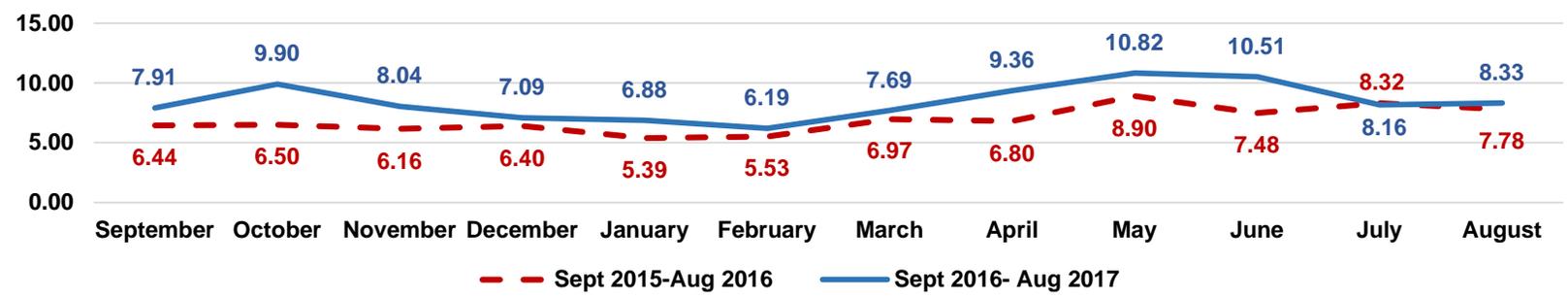


Collision Rates – All Facilities Year over Year Comparison of Monthly Data

Collisions with Injuries per Million Vehicles



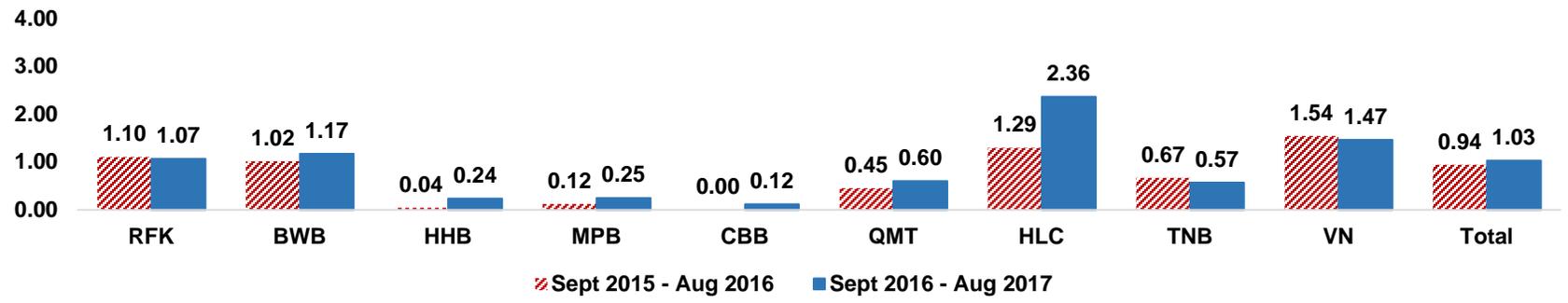
Total Collisions per Million Vehicles



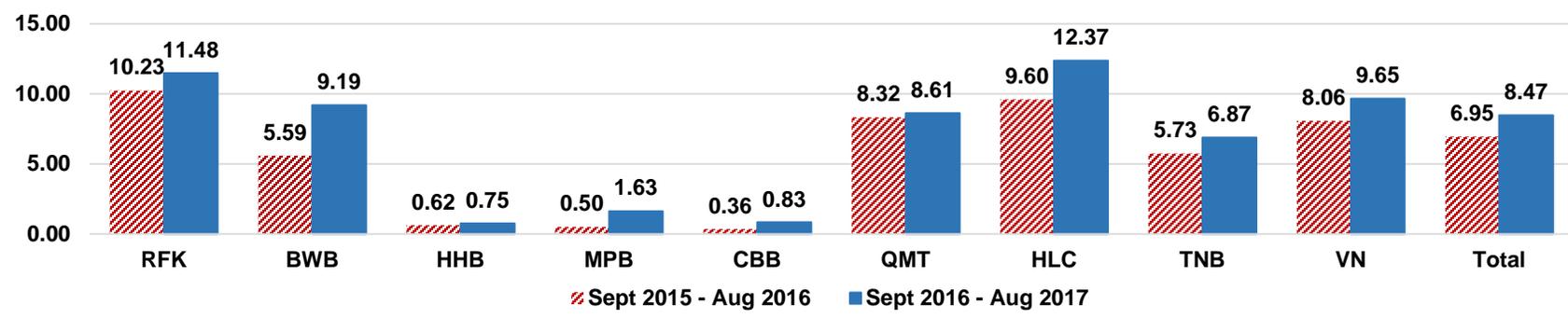


Collision Rates by Facility Year over Year Comparison of 12 Month Averages

Collisions with Injuries per Million Vehicles



Total Collisions per Million Vehicles





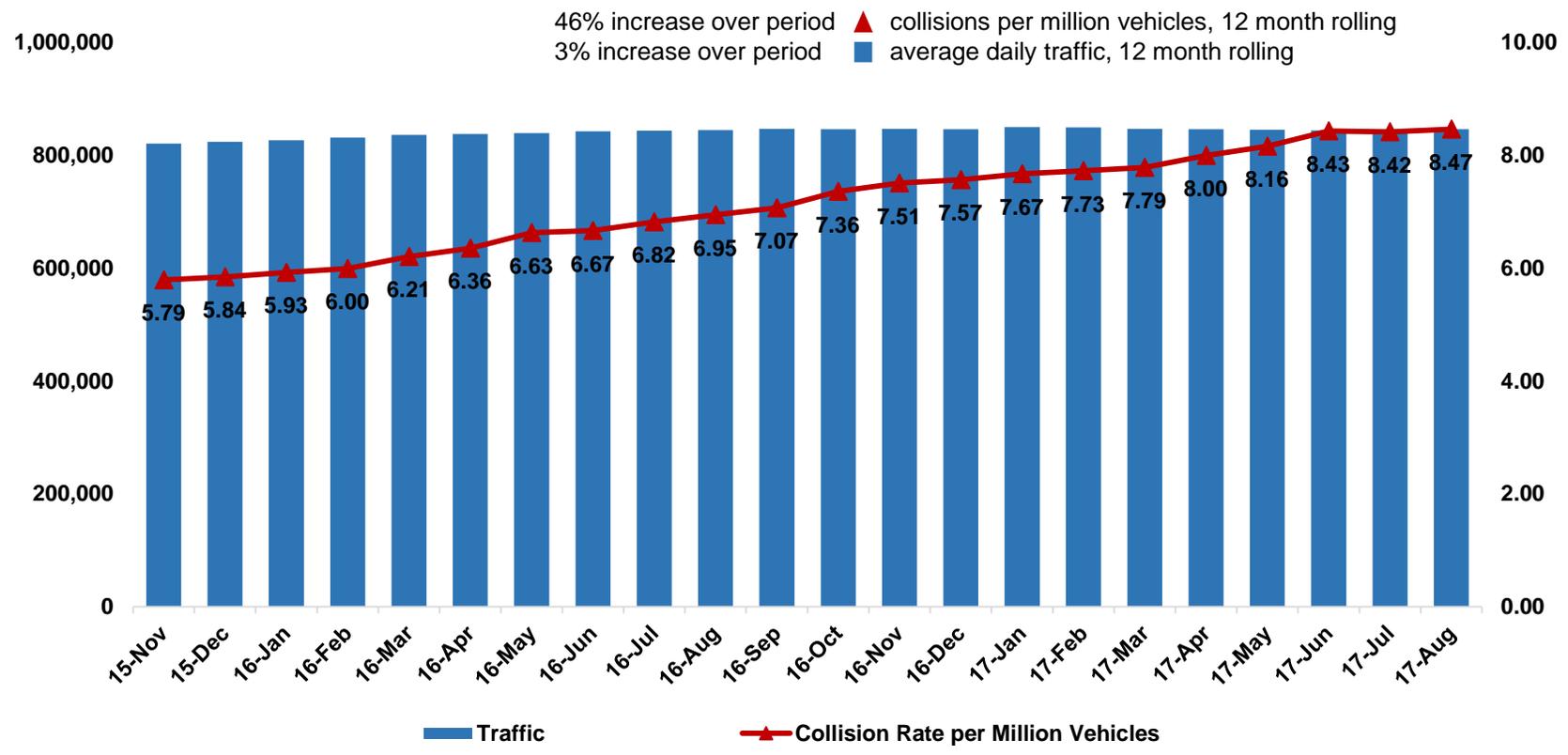
Collision Rates by Facility

Total Collisions per Million Vehicles: August 2016 – August 2017

	16-Aug	16-Sep	16-Oct	16-Nov	16-Dec	17-Jan	17-Feb	17-Mar	17-Apr	17-May	17-Jun	17-Jul	17-Aug
RFK	11.56	11.79	11.12	14.13	8.82	6.56	9.64	13.98	13.79	18.17	14.11	6.94	8.87
BWB	7.33	7.86	10.10	7.91	4.75	5.37	5.22	6.09	11.34	11.61	13.58	11.30	13.35
TNB	8.15	5.99	6.13	4.73	2.79	3.32	3.93	6.01	5.93	11.73	12.71	9.14	8.19
VNB	6.21	7.89	10.56	7.23	8.93	10.27	9.24	7.83	10.29	9.79	11.02	11.82	10.43
QMT	8.50	10.17	14.68	7.96	10.70	10.30	2.21	7.36	11.78	7.93	11.18	3.64	5.51
HLC	15.12	11.61	27.38	13.63	18.16	15.78	7.63	7.36	8.99	14.16	6.56	10.23	6.94
HHB	0.93	0.95	0.46	1.87	0.98	0.54	0.57	1.50	0.46	0.43	0.43	0.45	0.46
MPB	0.00	0.00	0.00	0.00	1.62	1.76	1.97	1.67	5.03	1.41	0.00	3.51	2.45
CBB	3.71	1.42	0.00	0.00	1.49	0.00	0.00	2.99	1.49	0.00	1.22	1.18	0.00
Total	7.78	7.91	9.90	8.04	7.09	6.88	6.19	7.69	9.36	10.82	10.51	8.16	8.33



Collision Rate per Million Vehicles vs. Average Daily Traffic 12 Month Rolling Average





Collision Mitigation Measures Bridges East

Throgs Neck Bridge

- Installed *Unsafe Lane Change*, *Speeding* and *Following Too Closely* signs, with points and fines posted
- Deployed facility and Special Operations Division enforcement to target unsafe lane changes, speeding, and following too closely
- Extended delineation to prevent unsafe lane changes at the Southbound Harding Avenue entrance
- Adjusted signage for Pennyfield Avenue/Harding Avenue exit for easier understanding—including a GPS street address for GPS accuracy

Bronx-Whitestone Bridge

- Installed *Unsafe Lane Change*, *Speeding* and *Following Too Closely* signs, with points and fines posted
- Deployed facility and Special Operations Division enforcement to target unsafe lane changes, speeding, and following too closely
- Applied *I-678* pavement shields and *Exit Only* pavement markings
- Extended delineation and applied double white lines at Cross Island Parkway exit
- Installed *Stay in Lane* signs on the bridge span in both directions
- Replaced worn local street target signs to more effectively guide motorists



Collision Mitigation Measures Bridges North

Robert F. Kennedy Bridge

- Installed *Unsafe Lane Change, Speeding* and *Following Too Closely* signs, with points and fines posted
- Deployed facility and Special Operations Division enforcement to target unsafe lane changes, speeding, and following too closely
- Deployed *Be Prepared to Stop* Variable Message Sign for the 125th Street exit
- Installed delineators at split between Deegan and Bruckner entrances and exits
- Installed delineators eastbound at 31st Street exist to prevent vehicles from unsafely merging
- Applied striping on off-bound 125th Street ramp to prevent unsafe lane changes
- Added additional signage and pavement markings on-bound, from the Bronx to Manhattan split
- Deployed patrols to the Harlem River Lift Span and Bronx Span

Henry Hudson Bridge

- Deployed facility and Special Operations Division enforcement to target unsafe lane changes, speeding, and following too closely
- Deployed *Your Speed Is* Variable Message Signs, southbound



Collision Mitigation Measures Bridges South

Verrazano-Narrows Bridge

- Installed *Unsafe Lane Change, Speeding and Following Too Closely* signs, with points and fines posted
- Deployed facility and Special Operations Division enforcement to target unsafe lane changes, speeding, and following too closely
- Displayed overhead Variable Message Signs on the approach to bridge span (i.e. *Tailgating, Unsafe Lane Change, Slow Down and Heavy Delays*)
- Applied *Belt-Parkway Only, HOV Only* and *I-278* pavement markings
- Updated Variable Message Signs to reflect current conditions, such as, *Accident Ahead* and *Delays to Belt Parkway*
- Permanently mounted *Your Speed Is* radar sign on the eastbound lower level connector ramp
- Installed *Sudden Stop Ahead* and *Stay Alert* signs on the eastbound lower level
- Installed *Sudden Stop Ahead* with flashing yellow lights sign on eastbound upper level
- Directed patrols and wreckers to pace traffic during A.M. rush and when traffic dictates and increased enforcement of aggressive driving, disobeying of pavement markings, etc, on the eastbound upper level
- Deployed *Your Speed Is* radar sign on eastbound upper and lower levels
- Installed delineators between HOV and Belt Parkway at upper level exit
- Displayed "It's Not a Race-Leave Some Space" slogan on Variable Message Sign



Collision Mitigation Measures Tunnels

Queens Midtown Tunnel

- Installed *Unsafe Lane Change, Speeding and Following Too Closely* signs, with points and fines posted
- Deployed facility and Special Operations Division enforcement to target unsafe lane changes, speeding, and following too closely
- Widened lane at the north tube tunnel exit
- Installed signage at Manhattan entrances to direct traffic to appropriate entrance points for local Queens destinations and commercial traffic
- Installed *Merge Ahead* signs on top of delineators at Manhattan entrance to tunnel
- Posted officer close to merge at Manhattan entrance to tunnel
- Posted officer outside of the north tube at the Manhattan exit from tunnel to pull traffic and alleviate congestion

Hugh L. Carey Tunnel

- Installed *Unsafe Lane Change, Speeding and Following Too Closely* signs, with points and fines posted
- Deployed facility and Special Operations Division enforcement to target unsafe lane changes, speeding, and following too closely
- Deployed Variable Message signs
- *Brooklyn Plaza*
 - Adjusted delineator line that separates fast and slow lanes to the east tube
 - Added *New Traffic Pattern Ahead* sign on Brooklyn Plaza
 - Placed additional delineators/barrels to channelize traffic, prior to movable barrier, during PM 2-way operations
 - Deployed additional Tailgating/Lane Change enforcement
 - Added *Merge Left* construction sign after exiting west tube
 - Deployed additional Tailgating/Lane Change enforcement at Manhattan plaza
- Replaced delineators in west tube
- Temporarily posted additional officers at Manhattan tunnel exit to pull traffic and alleviate congestion from the tunnel during construction on weekends



B&T Law Enforcement

2017 B&T Law Enforcement activity addressed visibly unsafe driver behavior, including factors that contribute to accidents, resulting in:

- 35,369 summonses issued in the YTD August 2017 period—68.8% higher than in the same period in 2016.
- 4,518 summonses issued in August 2017—107.7% higher than in August 2016.
- 74.5% (26,431) of the summonses issued in the YTD August 2017 period were safety related. Types of safety summonses include Speeding, Disobey Traffic Control Devices, Unsafe Lane Change, and Unsafe Backing.
- 75.9% (3,431) of the summonses issued in August 2017 were safety related.

Summons Type	YTD August 2017	YTD August 2016	% Change
Speed	3,871	4,039	(4.2%)
Disobey Signs/Traffic Control Device	9,648	4,461	116.3%
Cell Phone/Texting	1,700	1,003	69.5%
Unsafe Lane Change/Failure to Signal	1,905	591	222.3%
*All Other	18,245	10,860	68.0%
Total	35,369	20,954	68.8%

Summons Type	August 2017	August 2016	% Change
Speed	609	271	124.7%
Disobey Signs/Traffic Control Device	1,406	650	116.3%
Cell Phone/Texting	155	93	66.7%
Unsafe Lane Change/Failure to Signal	313	40	682.5%
*All Other	2,035	1,121	81.5%
Total	4,518	2,175	107.7%

**All other summonses include vehicle equipment, covered/obstructed plates, other secondary summonses, etc.*



Bridges and Tunnels

E-ZPass Performance Report August 2017



**MTA Bridges and Tunnels
E-ZPASS Performance Report
August 2017**
Preliminary data subject to final audit

E-ZPass Performance at All B&T Facilities			
	August 2017	Year to Date	August 2016
Total E-ZPass Traffic ¹	25,606,200	181,712,551	23,458,627
<i>E-ZPass Market Share: Total</i>	91.0%	88.9%	84.9%
Cars	90.8%	88.6%	84.3%
Trucks	93.8%	93.7%	93.2%

Weekday E-ZPass Performance by Facility²			
Facility	August Average E-ZPass Weekday Traffic and Market Share		
	2017 Average Traffic	2017 Market Share	2016 Market Share
Bronx-Whitestone Bridge	113,479	85.5%	81.8%
Cross Bay Veterans Memorial Bridge	23,769	92.7%	85.0%
Henry Hudson Bridge	68,798	94.5%	93.1%
Hugh L. Carey Tunnel	51,676	95.5%	90.9%
Marine Parkway-Gil Hodges Memorial Bridge	24,479	95.0%	88.8%
Queens Midtown Tunnel	74,995	95.0%	90.6%
Robert F. Kennedy Bridge	173,734	91.6%	83.2%
Throgs Neck Bridge	109,910	88.6%	85.5%
Verrazano-Narrows Bridge ¹	<u>200,311</u>	<u>94.5%</u>	<u>87.5%</u>
All Facilities ¹	841,151	91.5%	86.4%

Notes:

1. At the Verrazano-Narrows Bridge (VNB), tolls are only collected in the westbound direction. These transactions are doubled to provide traffic statistics that are consistent with B&T's other facilities.
2. Weekday E-ZPass traffic and market share figures average data for all weekdays except for holidays

**MTA Bridges and Tunnels
E-ZPASS Performance Report
August 2017**
Preliminary data subject to final audit

Weekday Peak Hour E-ZPass Performance by Facility³				
Facility	August E-ZPass Market Share			
	2017 AM Peak	2016 AM Peak	2017 PM Peak	2016 PM Peak
Bronx-Whitestone Bridge	88.7%	86.0%	86.2%	82.6%
Cross Bay Veterans Memorial Bridge	94.2%	90.1%	92.0%	84.3%
Henry Hudson Bridge	96.5%	95.7%	94.7%	94.8%
Hugh L. Carey Tunnel	97.1%	93.8%	95.6%	90.9%
Marine Parkway-Gil Hodges Memorial Bridge	95.5%	90.7%	94.7%	89.1%
Queens Midtown Tunnel	96.4%	92.9%	93.9%	90.8%
Robert F. Kennedy Bridge	93.9%	87.0%	91.8%	83.7%
Throgs Neck Bridge	91.7%	89.3%	88.9%	86.0%
Verrazano-Narrows Bridge ⁴	N/A	N/A	96.0%	90.4%
All Facilities	93.5%	89.4%	92.0%	87.4%

Weekend E-ZPass Performance by Facility			
Facility	August Average E-ZPass Weekend Traffic and Market Share		
	2017 Avg. Traffic	2017 Market Share	2016 Market Share
Bronx-Whitestone Bridge	105,981	80.8%	75.7%
Cross Bay Veterans Memorial Bridge	23,246	89.2%	77.0%
Henry Hudson Bridge	58,593	90.8%	90.0%
Hugh L. Carey Tunnel	38,164	92.9%	86.0%
Marine Parkway-Gil Hodges Memorial Bridge	25,229	92.2%	82.5%
Queens Midtown Tunnel	61,430	92.2%	86.5%
Robert F. Kennedy Bridge	158,886	88.2%	77.2%
Throgs Neck Bridge	109,378	84.2%	79.4%
Verrazano-Narrows Bridge ¹	<u>182,613</u>	91.3%	81.5%
All Facilities ¹	763,520	88.2%	80.5%

Notes:

3. Peak E-ZPass market shares report the market share figures for all vehicles during the highest overall traffic hour in the AM and PM periods at each facility.
4. AM peak figures are not compiled for the eastbound direction because tolls are collected in westbound lanes only.

**MTA Bridges and Tunnels
E-ZPASS Performance Report
August 2017**

Preliminary data subject to final audit

E-ZPass Interoperability Statistics

B&T E-ZPass Transactions From Other Agencies ⁵			
Customer's E-ZPass Agency	August 2017 Total B&T E-ZPass Transactions	August 2017 Percentage of B&T Total Transactions	August 2016 Percentage of B&T Total Transactions
New York State Thruway Authority ⁶	2,365,371	9.50%	8.43%
Port Authority of NY and NJ	1,471,329	5.91%	5.25%
New Jersey Toll Agencies ⁷	1,384,448	5.56%	5.01%
Massachusetts Turnpike Authority ⁸	228,193	0.92%	0.66%
Pennsylvania Turnpike Commission	150,460	0.60%	0.53%
Maryland Transportation Authority	69,700	0.28%	0.23%
Virginia Department of Transportation ⁹	60,622	0.24%	0.22%
New Hampshire Department of Transportation	20,638	0.08%	0.08%
Delaware Department of Transportation	24,911	0.10%	0.09%
Other ¹⁰	<u>80,347</u>	<u>0.32%</u>	<u>0.26%</u>
Total	5,856,019	23.52%	20.75%

Other Agency B&T E-ZPass Transactions			
Agency Used By B&T Customers	August 2017	YTD 2017	August 2016
New York State Thruway Authority ⁶	3,508,860	23,507,073	3,373,638
Port Authority of NY and NJ	4,297,420	29,588,155	3,946,000
New Jersey Toll Agencies ⁷	8,038,519	51,658,533	7,039,293
New York State Bridge Authority	342,580	2,302,115	342,528
Massachusetts Turnpike Authority ⁸	988,705	5,631,650	738,934
Pennsylvania Turnpike Commission	417,199	2,577,814	410,156
Maryland Transportation Authority	530,601	3,290,864	495,467
Virginia Department of Transportation ⁹	259,541	1,735,729	258,513
New Hampshire Department of Transportation	223,457	1,069,682	193,855
Delaware Department of Transportation	416,244	2,378,741	399,309
Other ¹⁰	<u>703,788</u>	<u>3,462,568</u>	<u>630,782</u>
Total	19,726,914	127,202,924	17,828,475

Notes:

5. "B&T E-ZPass Transactions From Other Agencies" excludes an estimate of VNB travel in the untolled eastbound direction in order to maintain comparability with the figures reported in "Others Agency B&T E-ZPass Transactions."
6. Includes Buffalo and Fort Erie Public Bridge Authority.
7. Includes South Jersey Transportation Authority, New Jersey Turnpike Authority, Garden State Parkway, Delaware River Port Authority, Delaware River and Bay Authority, Delaware River Joint Toll Bridge Commission and the Burlington County Bridge Commission.
8. Includes Massachusetts Port Authority.
9. Includes Dulles Greenway, Dulles Toll Road, Powhite Parkway Extension, RMA Expressway System, George P. Coleman Bridge, Chesapeake Bay Bridge and Tunnel Commission, and Chesapeake Expressway.
10. Other agencies include Illinois State Toll Highway Authority, Maine Turnpike Authority, West Virginia Parkway Authority, Indiana Toll Road Concession Company, and Rhode Island Bridge and Tunnel Authority, Ohio Turnpike Commission, North Carolina Turnpike Authority, Niagara Falls Bridge Commission and Chicago Skyway Concession Company.

E-ZPASS Performance Report
August 2017
Preliminary data subject to final audit

E-ZPass Customer Service Statistics

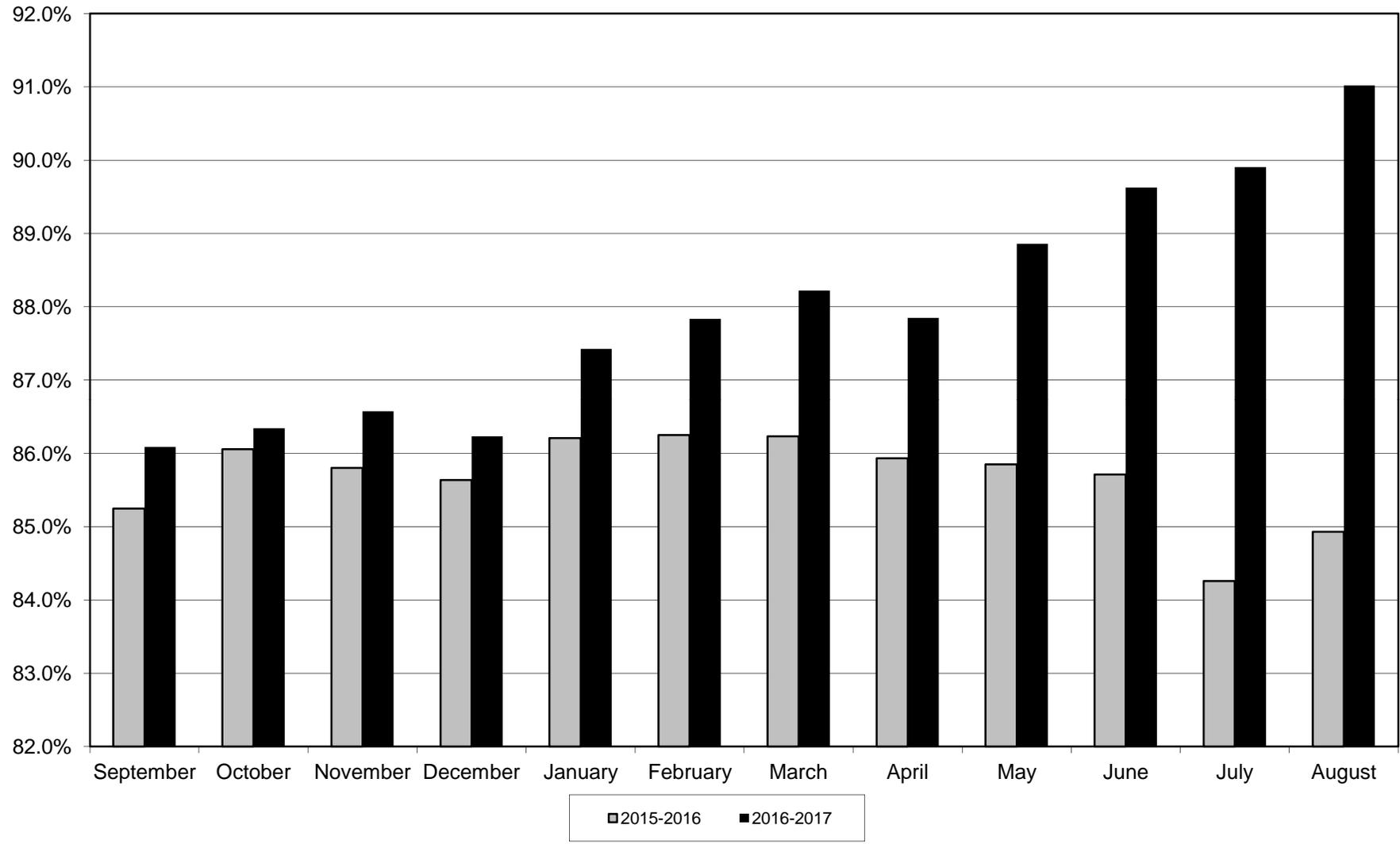
MTA Bridges and Tunnels Customers				
	August 2017	YTD 2017	YTD 2016	
Accounts Opened:				
Internet	22,059	123,903	68,261	
Walk-In	6,957	38,454	22,109	
Mail	599	4,191	2,212	
On-The-Go	<u>13,308</u>	<u>97,582</u>	<u>84,714</u>	
Total Accounts Opened	42,923	264,130	177,296	
Total Active Accounts		3,329,972	3,051,551	
Number of E-ZPass Tags Issued ¹¹	88,750	640,860	437,128	
Total Active Tags ¹²		5,243,861	4,842,910	
Total Reload Cards Distributed	4,807	169,776	166,689	
Reload Card % of Cash Replenishments	22.0%	19.4%	17.2%	

Customer Service Indicators				
	August 2017	YTD 2017	YTD 2016	
Phone Calls Answered by Customer Service Center:				
Customer Service Representatives	446,448	2,788,827	2,314,431	
Automated System	<u>827,307</u>	<u>6,077,710</u>	<u>4,973,407</u>	
Total Phone Calls Answered	1,273,755	8,866,537	7,287,838	
Average Phone Call Waiting Time (in min.):				
General Call Unit	1.07	0.28	0.26	
Commercial Call Unit	0.56	0.33	0.39	
Avg. Monthly B&T E-ZPass Trips Per Account	5.95	5.61	5.75	
Average Number of Active Tags Per Account	1.57	1.57	1.59	

E-ZPass Tag Replacement Program				
	August 2017	YTD 2017	2011-2017	
Number of Replacement Tags Mailed	9,962	59,864	2,017,823	
Number of Tags Returned ¹³	1,986	62,753	1,987,300	
Number of Tags Pending Return	N/A	N/A	30,523	

11. Includes tags for new accounts, additional tags for existing accounts, and replacement of lost or stolen tags for existing accounts. Excludes tags processed and reported within the E-ZPass Tag Replacement Program, which replaces tags that are approaching the end of their useful service lives with new tags.
12. Includes tags linked to active accounts, new tags issued through the E-ZPass Tag Replacement Program, and the associated replaced tags currently moving through the program's return process.
13. Includes tags reported as lost or stolen by the customer, and deactivated. Also, includes tags mailed in 2015 but returned in 2016.

MTA Bridges and Tunnels E-ZPass Market Shares September 2015 through August 2017





Bridges and Tunnels

Financial Report August 2017



MTA BRIDGES & TUNNELS

STATEMENT OF NET POSITION

As of August 31, 2017

(in thousands)

ASSETS AND DEFERRED OUTFLOWS OF RESOURCES

CURRENT ASSETS:

Cash-Unrestricted	9,593
Investments:	
Unrestricted	157,437
Restricted	826,741
Accrued interest receivable	1,886
Accounts receivable	13,106
Less allowance for uncollectible accounts	0
Tolls due from other agencies	39,794
Insurance recovery receivable	126,325
Less allowance for insurance recovery	-37,825
Due (to)/from MTA - change in fair value of derivative	0
Prepaid expenses	6,550
	<u>6,550</u>
Total current assets	<u>1,143,606</u>

NONCURRENT ASSETS:

Investments:	
Restricted	7
Facilities, less acc.dep of \$1,676,589	5,652,412
Capital lease 2 Broadway net acc. dep.	39,236
Derivative Hedge Assets	3,564
Security Deposits	-
	<u>-</u>
Total noncurrent assets	<u>5,695,219</u>

TOTAL ASSETS:

6,838,824

DEFERRED OUTFLOWS OF RESOURCES:

Deferred outflows of resources related to Pension	112,529
Accumulated decreases in fair value of derivative instruments	180,476
Defeasance costs	251,735
	<u>251,735</u>

TOTAL DEFERRED OUTFLOWS OF RESOURCES:

544,739

TOTAL ASSETS AND DEFERRED OUTFLOWS OF RESOURCES

7,383,564

MTA BRIDGES & TUNNELS**STATEMENT OF NET POSITION****As of August 31, 2017**

(in thousands)

LIABILITIES AND INFLOWS OF RESOURCES**CURRENT LIABILITIES:**

Current portion-long term debt	225,885
Interest Payable	94,353
Accounts Payable	170,260
Accrued Pension Payable	6,500
Payable to MTA-CAP	381,710
Due to MTA-Operating Expenses	3,966
Due to NYCTA-Operating Expenses	1,165
Accrued salaries	19,023
Accrued Vac & Sick Benefits	16,897
Current portion of estimated liability arising from injury	1,959
Current portion of capital lease obligation	-
Pollution remediation projects	1,829
Due to New York City Transit Authority	56,038
Due to Metropolitan Transportation Authority	73,584
Unredeemed Tolls	147,033
Tolls due to other agencies	63,215
E-ZPass Airport Toll Liability	6,258

Total current liabilities 1,269,674

NONCURRENT LIABILITIES:

Long term debt	9,170,174
Post Employment Benefits Other than Pensions	693,186
Estimated liability arising from injury	41,062
Capital lease obligations	54,525
Derivative Hedge Liabilities	169,875
Due (to)/from MTA - change in fair value of derivative	14,165
Net Pension Liability	307,596
Security deposits-Contra	-

Total noncurrent liabilities 10,450,583

DEFERRED INFLOW OF RESOURCES

Deferred Inflow of resources related to Pension	39,856
---	--------

TOTAL LIABILITIES AND DEFERRED INFLOWS OF RESOURCES

11,760,113

NET POSITION-4,376,549 ***TOTAL LIABILITIES, DEFERRED INFLOWS OF**7,383,564

*The negative Net Position of \$3,858,721 consists of various fund balances such as surplus monies and purchase of assets on behalf of MTA and NYCTA. The negative balance occurs because the assets are transferred to MTA and NYCTA during the year, and taken off the B&T Statement of Net Position; while the debt to purchase these assets remains as a liability on the Statement of Net Position of B&T.

MTA BRIDGES AND TUNNELS
JULY FINANCIAL PLAN - 2017 MID-YEAR FORECAST
ACCRUAL STATEMENT of OPERATIONS by CATEGORY
AUGUST 2017

(\$ in millions)

	Nonreimbursable				Reimbursable				Total			
	Mid Year Forecast	Favorable (Unfavorable)			Mid Year Forecast	Favorable (Unfavorable)			Mid Year Forecast	Favorable (Unfavorable)		
		Actual	Variance	Percent		Actual	Variance	Percent		Actual	Variance	Percent
Revenue												
Farebox Revenue	\$0.000	\$0.000	\$0.000	-	\$0.000	\$0.000	\$0.000	-	\$0.000	\$0.000	\$0.000	-
Vehicle Toll Revenue	173.949	178.489	4.540	2.6	0.000	0.000	0.000	-	173.949	178.489	4.540	2.6
Other Operating Revenue	1.603	1.469	(0.134)	(8.3)	0.000	0.000	0.000	-	1.603	1.469	(0.134)	(8.3)
Capital & Other Reimbursements	0.000	0.000	0.000	-	1.871	1.898	0.027	1.5	1.871	1.898	0.027	1.5
Investment Income	0.081	0.178	0.097	*	0.000	0.000	0.000	-	0.081	0.178	0.097	*
Total Revenue	\$175.633	\$180.136	\$4.503	2.6	\$1.871	\$1.898	\$0.027	1.5	\$177.503	\$182.034	\$4.531	2.6
Expenses												
<i>Labor:</i>												
Payroll	\$12.074	\$9.692	\$2.382	19.7	\$0.638	\$0.746	(\$0.108)	(16.9)	12.712	\$10.438	\$2.274	17.9
Overtime	2.302	2.551	(0.249)	(10.8)	0.244	0.068	0.176	72.1	2.545	2.619	(0.073)	(2.9)
Health and Welfare	2.645	2.110	0.534	20.2	0.137	0.159	(0.022)	(15.7)	2.782	2.269	0.513	18.4
OPEB Current Payment	1.640	1.729	(0.089)	(5.4)	0.000	0.000	0.000	-	1.640	1.729	(0.089)	(5.4)
Pensions	3.071	3.039	0.032	1.0	0.186	0.221	(0.035)	(18.7)	3.257	3.260	(0.003)	(0.1)
Other Fringe Benefits	1.637	1.333	0.304	18.6	0.089	0.106	(0.017)	(18.7)	1.726	1.439	0.287	16.6
Reimbursable Overhead	(0.575)	(0.598)	0.023	3.9	0.575	0.598	(0.023)	(3.9)	0.000	0.000	0.000	-
Total Labor Expenses	\$22.793	\$19.857	\$2.937	12.9	\$1.871	\$1.898	(\$0.027)	(1.5)	\$24.664	\$21.755	\$2.909	11.8
<i>Non-Labor:</i>												
Electric Power	\$0.538	\$0.471	\$0.067	12.4	\$0.000	\$0.000	\$0.000	-	\$0.538	\$0.471	\$0.067	12.4
Fuel	0.103	0.098	0.005	4.8	0.000	0.000	0.000	-	0.103	0.098	0.005	4.8
Insurance	0.942	0.805	0.137	14.5	0.000	0.000	0.000	-	0.942	0.805	0.137	14.5
Claims	0.000	0.000	0.000	-	0.000	0.000	0.000	-	0.000	0.000	0.000	-
Paratransit Service Contracts	0.000	0.000	0.000	-	0.000	0.000	0.000	-	0.000	0.000	0.000	-
Maintenance and Other Operating Contracts	14.192	9.953	4.239	29.9	0.000	0.000	0.000	-	14.192	9.953	4.239	29.9
Professional Service Contracts	3.482	2.187	1.295	37.2	0.000	0.000	0.000	-	3.482	2.187	1.295	37.2
Materials & Supplies	0.466	0.239	0.227	48.7	0.000	0.000	0.000	-	0.466	0.239	0.227	48.7
Other Business Expenses	2.989	3.485	(0.496)	(16.6)	0.000	0.000	0.000	-	2.989	3.485	(0.496)	(16.6)
Total Non-Labor Expenses	\$22.713	\$17.240	\$5.473	24.1	\$0.000	\$0.000	\$0.000	-	\$22.713	\$17.240	\$5.473	24.1
Other Expense Adjustments:												
Other	0.000	0.000	0.000	-	0.000	0.000	0.000	-	0.000	0.000	0.000	-
Total Other Expense Adjustments	\$0.000	\$0.000	\$0.000	-	\$0.000	\$0.000	\$0.000	-	\$0.000	\$0.000	\$0.000	-
Total Expenses before Non-Cash Liability Adjs.	\$45.506	\$37.096	\$8.410	18.5	\$1.871	\$1.898	(\$0.027)	(1.5)	\$47.377	\$38.994	\$8.382	17.7
Depreciation	\$8.245	\$13.352	(\$5.107)	(61.9)	\$0.000	\$0.000	\$0.000	-	8.245	\$13.352	(\$5.107)	(61.9)
OPEB Obligation	5.986	5.986	0.000	0.0	0.000	0.000	0.000	-	5.986	5.986	0.000	0.0
GASB 68 Pension Adjustment	0.000	0.000	0.000	-	0.000	0.000	0.000	-	0.000	0.000	0.000	-
Environmental Remediation	0.000	0.000	0.000	-	0.000	0.000	0.000	-	0.000	0.000	0.000	-
Total Expenses after Non-Cash Liability Adjs.	\$59.737	\$56.434	\$3.303	5.5	\$1.871	\$1.898	(\$0.027)	(1.5)	\$61.607	\$58.332	\$3.276	5.3
Less: Depreciation	\$8.245	\$13.352	(\$5.107)	(61.9)	\$0.000	\$0.000	\$0.000	-	\$8.245	\$13.352	(\$5.107)	(61.9)
Less: OPEB Obligation	5.986	5.986	0.000	0.0	0.000	0.000	0.000	-	5.986	5.986	0.000	0.0
Less: GASB 68 Pension Adjustment	0.000	0.000	0.000	-	0.000	0.000	0.000	-	0.000	0.000	0.000	-
Total Expenses	\$45.506	\$37.096	\$8.410	18.5	\$1.871	\$1.898	(\$0.027)	(1.5)	\$47.377	\$38.994	\$8.382	17.7
Net Surplus/(Deficit)	\$130.126	\$143.040	\$12.914	9.9	\$0.000	\$0.000	\$0.000	-	\$130.127	\$143.040	\$12.913	9.9

Differences are due to rounding.

*Variance exceeds 100%

MTA BRIDGES AND TUNNELS
JULY FINANCIAL PLAN - 2017 MID-YEAR FORECAST
ACCRUAL STATEMENT of OPERATIONS by CATEGORY
AUGUST 2017
(\$ in millions)

	Nonreimbursable				Reimbursable				Total			
	Favorable (Unfavorable)				Favorable (Unfavorable)				Favorable (Unfavorable)			
	Mid Year Forecast	Actual	Variance	Percent	Mid Year Forecast	Actual	Variance	Percent	Mid Year Forecast	Actual	Variance	Percent
Net Income/(Deficit)									\$130.127	\$143.040	\$12.913	9.9
Less: Capitalized Assets									2.066	1.328	0.738	35.7
Reserves									2.293	2.293	0.000	0.0
GASB Reserves									0.000	0.000	0.000	-
Adjusted Net Income/(Deficit)									\$125.768	\$139.418	\$13.651	10.9
Less: Debt Service									55.703	53.621	2.082	3.7
Income Available for Distribution									\$70.064	\$85.797	\$15.733	22.5
Distributable To:												
MTA - Investment Income									0.081	0.178	0.097	*
MTA - Distributable Income									39.518	47.689	8.171	20.7
NYCTR - Distributable Income									30.465	37.931	7.466	24.5
Total Distributable Income									\$70.064	\$85.797	\$15.733	22.5
Support to Mass Transit:												
Total Revenues									177.503	182.034	4.531	2.6
Less: Total Operating Expenses									<u>47.377</u>	<u>38.994</u>	<u>8.382</u>	17.7
Net Operating Income/(Deficit)									\$130.127	\$143.040	\$12.913	9.9
Deductions from Net Operating Income:												
Capitalized Assets									2.066	1.328	0.738	35.7
Reserves									2.293	2.293	0.000	0.0
B&T Debt Service									25.696	22.369	3.328	12.9
GASB Reserves									0.000	0.000	0.000	-
Total Deductions From Operating Income									\$30.055	\$25.990	\$4.065	13.5
Total Support to Mass Transit									\$100.071	\$117.050	\$16.978	17.0

Note: Results are based on the preliminary close of the general ledger and are subject to review and adjustment. Please note that the current months' actuals do not include post-close adjustments, which will be captured in the subsequent month's YTD results.

MTA BRIDGES AND TUNNELS
JULY FINANCIAL PLAN - 2017 MID-YEAR FORECAST
ACCRUAL STATEMENT of OPERATIONS by CATEGORY
AUGUST Year-To-Date

(\$ in millions)

	Nonreimbursable				Reimbursable				Total			
	Mid Year Forecast	Actual	Favorable (Unfavorable)		Mid Year Forecast	Actual	Favorable (Unfavorable)		Mid Year Forecast	Actual	Favorable (Unfavorable)	
			Variance	Percent			Variance	Percent			Variance	Percent
Revenue												
Farebox Revenue	\$0.000	\$0.000	\$0.000	-	\$0.000	\$0.000	\$0.000	-	\$0.000	\$0.000	\$0.000	-
Vehicle Toll Revenue	1,266.930	1,262.577	(4.353)	(0.3)	0.000	0.000	0.000	-	1,266.930	1,262.577	(4.353)	(0.3)
Other Operating Revenue	12.525	13.652	1.128	9.0	0.000	0.000	0.000	-	12.525	13.652	1.128	9.0
Capital & Other Reimbursements	0.000	0.000	0.000	-	16.415	16.703	0.288	1.8	16.415	16.703	0.288	1.8
Investment Income	0.662	0.867	0.205	30.9	0.000	0.000	0.000	-	0.662	0.867	0.205	30.9
Total Revenue	\$1,280.117	\$1,277.096	(\$3.021)	(0.2)	\$16.415	\$16.703	\$0.288	1.8	\$1,296.532	\$1,293.799	(\$2.733)	(0.2)
Expenses												
<i>Labor:</i>												
Payroll	\$85.365	\$78.247	\$7.118	8.3	\$5.786	\$6.130	(\$0.344)	(5.9)	91.150	\$84.377	\$6.774	7.4
Overtime	18.956	19.906	(0.950)	(5.0)	1.770	1.272	0.498	28.1	20.726	21.178	(0.452)	(2.2)
Health and Welfare	18.714	17.704	1.011	5.4	1.245	1.317	(0.072)	(5.8)	19.960	19.021	0.939	4.7
OPEB Current Payment	13.112	13.330	(0.218)	(1.7)	0.000	0.000	0.000	-	13.112	13.330	(0.218)	(1.7)
Pensions	26.644	26.536	0.108	0.4	1.687	1.795	(0.108)	(6.4)	28.331	28.331	0.000	0.0
Other Fringe Benefits	12.349	12.245	0.104	0.8	0.809	0.861	(0.052)	(6.4)	13.158	13.106	0.052	0.4
Reimbursable Overhead	(5.118)	(5.328)	0.210	4.1	5.118	5.328	(0.210)	(4.1)	0.000	0.000	0.000	-
Total Labor Expenses	\$170.021	\$162.638	\$7.383	4.3	\$16.415	\$16.703	(\$0.288)	(1.8)	\$186.437	\$179.341	\$7.095	3.8
<i>Non-Labor:</i>												
Electric Power	\$3.137	\$2.862	\$0.275	8.8	0.000	\$0.000	\$0.000	-	\$3.137	\$2.862	\$0.275	8.8
Fuel	1.173	1.133	0.040	3.4	0.000	0.000	0.000	-	1.173	1.133	0.040	3.4
Insurance	7.512	7.155	0.357	4.7	0.000	0.000	0.000	-	7.512	7.155	0.357	4.7
Claims	0.000	0.000	0.000	-	0.000	0.000	0.000	-	0.000	0.000	0.000	-
Paratransit Service Contracts	0.000	0.000	0.000	-	0.000	0.000	0.000	-	0.000	0.000	0.000	-
Maintenance and Other Operating Contracts	79.942	75.808	4.134	5.2	0.000	0.000	0.000	-	79.942	75.808	4.134	5.2
Professional Service Contracts	28.919	25.859	3.060	10.6	0.000	0.000	0.000	-	28.919	25.859	3.060	10.6
Materials & Supplies	2.962	2.288	0.674	22.8	0.000	0.000	0.000	-	2.962	2.288	0.674	22.8
Other Business Expenses	22.378	21.523	0.855	3.8	0.000	0.000	0.000	-	22.378	21.523	0.855	3.8
Total Non-Labor Expenses	\$146.023	\$136.628	\$9.395	6.4	\$0.000	\$0.000	\$0.000	-	\$146.023	\$136.628	\$9.395	6.4
Other Expense Adjustments												
Other	0.000	0.000	0.000	-	0.000	0.000	0.000	-	0.000	0.000	0.000	-
Total Other Expense Adjustments	\$0.000	\$0.000	\$0.000	-	\$0.000	\$0.000	\$0.000	-	\$0.000	\$0.000	\$0.000	-
Total Expenses before Non-Cash Liability Adjs.	\$316.044	\$299.267	\$16.778	5.3	\$16.415	\$16.703	(\$0.288)	(1.8)	\$332.460	\$315.970	\$16.490	5.0
Depreciation	\$94.874	\$105.052	(\$10.178)	(10.7)	0.000	\$0.000	\$0.000	-	94.874	\$105.052	(\$10.178)	(10.7)
OPEB Obligation	47.888	47.888	0.000	0.0	0.000	0.000	0.000	-	47.888	47.888	0.000	0.0
GASB 68 Pension Adjustment	0.000	0.000	0.000	-	0.000	0.000	0.000	-	0.000	0.000	0.000	-
Environmental Remediation	0.000	0.000	0.000	-	0.000	0.000	0.000	-	0.000	0.000	0.000	-
Total Expenses after Non-Cash Liability Adjs.	\$458.807	\$452.207	\$6.600	1.4	\$16.415	\$16.703	(\$0.288)	(1.8)	\$475.222	\$468.910	\$6.312	1.3
Less: Depreciation	\$94.874	\$105.052	(\$10.178)	(10.7)	\$0.000	\$0.000	\$0.000	-	\$94.874	\$105.052	(\$10.178)	(10.7)
Less: OPEB Obligation	47.888	47.888	0.000	0.0	0.000	0.000	0.000	-	47.888	47.888	0.000	0.0
Less: GASB 68 Pension Adjustment	0.000	0.000	0.000	-	0.000	0.000	0.000	-	0.000	0.000	0.000	-
Total Expenses	\$316.044	\$299.267	\$16.778	5.3	\$16.415	\$16.703	(\$0.288)	(1.8)	\$332.460	\$315.970	\$16.490	5.0
Net Surplus/(Deficit)	\$964.073	\$977.830	\$13.757	1.4	\$0.000	\$0.000	\$0.000	-	\$964.073	\$977.830	\$13.757	1.4

Differences are due to rounding.

*Variance exceeds 100%

MTA BRIDGES AND TUNNELS
JULY FINANCIAL PLAN - 2017 MID-YEAR FORECAST
ACCURAL STATEMENT of OPERATIONS by CATEGORY
AUGUST Year-To-Date
(\$ in millions)

	Nonreimbursable				Reimbursable				Total			
	Mid Year Forecast	Favorable (Unfavorable)			Mid Year Forecast	Favorable (Unfavorable)			Mid Year Forecast	Favorable (Unfavorable)		
		Actual	Variance	Percent		Actual	Variance	Percent		Actual	Variance	Percent
Net Income/(Deficit)								\$964.073	\$977.830	\$13.757	1.4	
Less: Capitalized Assets								12.150	9.792	\$2.358	19.4	
Reserves								18.343	18.343	0.000	0.0	
GASB Reserves								0.000	0.000	0.000	-	
Adjusted Net Income/(Deficit)								\$933.579	\$949.694	\$16.115	1.7	
Less: Debt Service								439.734	431.866	7.868	1.8	
Income Available for Distribution								\$493.845	\$517.828	\$23.983	4.9	
Distributable To:												
MTA - Investment Income								0.662	0.867	0.205	30.9	
MTA - Distributable Income								282.439	297.965	15.526	5.5	
NYCTR - Distributable Income								210.744	218.996	8.252	3.9	
Total Distributable Income								\$493.845	\$517.828	\$23.983	4.9	
Support to Mass Transit:												
Total Revenues								1,296.532	1,293.799	(2.733)	(0.2)	
Less: Total Operating Expenses								<u>332.460</u>	<u>315.970</u>	<u>16.490</u>	5.0	
Net Operating Income/(Deficit)								\$964.073	\$977.830	\$13.757	1.4	
Deductions from Net Operating Income:												
Capitalized Assets								12.150	9.792	2.358	19.4	
Reserves								18.343	18.343	0.000	0.0	
B&T Debt Service								201.578	179.318	22.261	11.0	
GASB Reserves								0.000	0.000	0.000	-	
Total Deductions From Operating Income								\$232.072	\$207.453	\$24.619	10.6	
Total Support to Mass Transit								\$732.001	\$770.377	\$38.376	5.2	

Note: Results are based on the preliminary close of the general ledger and are subject to review and adjustment. Please note that the current months' actuals do not include post-close adjustments, which will be captured in the subsequent month's YTD results.

MTA BRIDGES AND TUNNELS
JULY FINANCIAL PLAN - 2017 MID-YEAR FORECAST
EXPLANATION OF VARIANCES BETWEEN BUDGET AND ACTUAL ACCRUAL BASIS
(\$ in millions)

Generic Revenue or Expense Category	Favorable/ (Unfavorable) Variance		Reason for Variance	Favorable/ (Unfavorable) Variance		Reason for Variance
	August 2017			Year-to-Date		
	\$	%		\$	%	
Nonreimbursable						
Vehicle Toll Revenue	4.540	2.6%	Higher toll revenue due to 2.1% higher traffic and a 0.5% higher average toll versus forecast	(4.353)	-0.3%	Lower toll revenue due to a 0.6% lower average YTD toll versus forecast
Other Operating Revenue	(0.134)	-8.3%	Lower Other Operating Revenue primarily due to lower net income from the Battery Park Garage	1.128	9.0%	Higher Other Operating Revenue primarily due to the receipt of FEMA reimbursements for Sandy-restoration work
Investment Income	0.097	119.1%	Minor variance	0.205	30.9%	Minor variance
Payroll	2.382	19.7%	Lower payroll expenses against the monthly forecast allocation primarily due to vacancies	7.118	8.3%	Lower payroll expenses against the YTD forecast allocation primarily due to vacancies
Overtime	(0.249)	-10.8%	See overtime tables	(0.950)	-5.0%	See overtime tables
Health and Welfare	0.534	20.2%	Lower expenses primarily due to vacancies and the timing of expenses against the monthly forecast allocation	1.011	5.4%	Lower expenses primarily due to vacancies and the timing of expenses against the YTD forecast allocation
OPEB Current Payment	(0.089)	-5.4%	Higher expenses primarily due to increased retirements compared to forecast	(0.218)	-1.7%	Higher expenses primarily due to increased retirements compared to forecast
Pensions	0.032	1.0%	Lower non-reimbursable expenses due to higher than allocated capital reimbursement offsets. Total non-reimbursable and reimbursable variance is minor	0.108	0.4%	Lower non-reimbursable expenses due to higher than allocated capital reimbursement offsets. Total non-reimbursable and reimbursable variance is less than \$0.000M
Other Fringe Benefits	0.304	18.6%	Lower expenses primarily due to vacancies	0.104	0.8%	Lower expenses primarily due to vacancies
Electric Power	0.067	12.4%	Lower electricity expenses primarily due to timing against the monthly forecast allocation	0.275	8.8%	Lower electricity expenses primarily due to timing against the YTD forecast allocation
Fuel	0.005	4.8%	Lower fuel expenses primarily due to timing against the monthly forecast allocation	0.040	3.4%	Lower fuel expenses primarily due to timing against the YTD forecast allocation
Insurance	0.137	14.5%	Lower expenses primarily due to the timing against the monthly forecast allocation	0.357	4.7%	Lower expenses primarily due to the timing against the YTD forecast allocation
Maintenance and Other Operating Contracts	4.239	29.9%	Lower expenses primarily due to timing against the monthly forecast allocation for E-ZPass Customer Service Center costs (\$3.201M), security and surveillance equipment (\$0.370M) and miscellaneous repairs (\$0.413M).	4.134	5.2%	Lower expenses primarily due to timing against the YTD forecast allocation for E-ZPass Customer Service Center costs (\$0.874M), Major Maintenance (\$1.216M), security and surveillance equipment (\$0.848M) and miscellaneous repairs (\$1.032M).
Professional Service Contracts	1.295	37.2%	Lower expenses primarily due to timing against the monthly forecast allocation for engineering services (\$0.488M), advertising and marketing (\$0.550M) and planning studies (\$0.211M).	3.060	10.6%	Lower expenses primarily due to timing against the YTD forecast allocation for engineering services (\$1.188M), advertising and marketing (\$1.291M), planning studies (\$0.676M) and other outside services (\$0.719M), partially offset by higher bond issuance costs (\$0.635M)
Materials & Supplies	0.227	48.7%	Lower expenses across a variety of small equipment and supply categories, due to timing, against the monthly forecast allocation	0.674	22.8%	Lower expenses across a variety of small equipment and supply categories, due to timing, against the YTD forecast allocation
Other Business Expense	(0.496)	-16.6%	Higher expenses primarily due to timing against the monthly forecast allocation for credit card fees	0.855	3.8%	Lower expenses primarily due to timing against the monthly forecast allocation for credit card fees and other revenue collection fees
Depreciation	(5.107)	-61.9%	Variance due to higher than forecasted monthly expenses	(10.178)	-10.7%	Variance due to higher than forecasted YTD expenses
Other Post Employment Benefits	0.000	-	No variance	0.000	-	No variance
Reimbursable						
Capital and Other Reimbursements	0.027	1.5%	Higher capital reimbursements due to timing against the monthly forecast allocation	0.288	1.8%	Higher capital reimbursements due to timing against the YTD forecast allocation
Payroll	(0.108)	-16.9%	Higher than planned reimbursable expenses due to timing against the monthly forecast allocation	(0.344)	-5.9%	Higher than planned reimbursable expenses due to timing against the YTD forecast allocation
Overtime	0.176	72.1%	See overtime tables	0.498	28.1%	See overtime tables
Health and Welfare	(0.022)	-15.7%	Higher than planned reimbursable expenses due to timing against the monthly forecast allocation	(0.072)	-5.8%	Higher than planned reimbursable expenses due to timing against the YTD forecast allocation
OPEB Current Payment	0.000	-	No variance	0.000	-	No variance
Pensions	(0.035)	-18.7%	Higher than planned reimbursable expenses due to timing against the monthly forecast allocation	(0.108)	-6.4%	Higher than planned reimbursable expenses due to timing against the YTD forecast allocation
Other Fringe Benefits	(0.017)	-18.7%	Higher than planned reimbursable expenses due to timing against the monthly forecast allocation	(0.052)	-6.4%	Higher than planned reimbursable expenses due to timing against the YTD forecast allocation
Reimbursable Overhead	(0.023)	-3.9%	Higher than planned reimbursable expenses due to timing against the monthly forecast allocation	(0.210)	-4.1%	Higher than planned reimbursable expenses due to timing against the YTD forecast allocation

*Variance exceeds 100%

MTA Bridges and Tunnels
2017 July Financial Plan
Non-Reimbursable/Reimbursable Overtime
(\$ in millions)

	August					August Year-to-Date						
	Mid-Year Forecast		Actuals		Var. - Fav./(Unfav)		Mid-Year Forecast		Actuals		Var. - Fav./(Unfav)	
	Hours	\$	Hours	\$	Hours	\$	Hours	\$	Hours	\$	Hours	\$
NON-REIMBURSABLE OVERTIME												
OPERATIONS & MAINTENANCE												
<u>Scheduled Service</u>	6,468	\$0.404	4,650	\$0.290	1,818	\$0.114	49,602	\$3.136	47,829	\$3.024	1,773	\$0.112
					28.1%	28.2%					3.6%	3.6%
<u>Unscheduled Service</u>	445	\$0.034	227	\$0.017	219	\$0.017	1,911	\$0.117	1,095	\$0.067	817	\$0.050
					49.1%	50.5%					42.7%	42.5%
<u>Programmatic/Routine Maintenance</u>	1,704	\$0.114	3,809	\$0.254	(2,105)	(\$0.140)	15,009	\$1.241	22,258	\$1.841	(7,249)	(\$0.600)
					**	**					-48.3%	-48.3%
<u>Unscheduled Maintenance</u>	1,221	\$0.096	1,175	\$0.092	47	\$0.004	9,238	\$0.653	7,554	\$0.534	1,684	\$0.119
					3.8%	4.2%					18.2%	18.2%
<u>Vacancy/Absentee Coverage</u>	15,519	\$0.925	14,622	\$0.871	897	\$0.054	147,765	\$9.448	155,801	\$9.962	(8,036)	(\$0.514)
					5.8%	5.8%					-5.4%	-5.4%
<u>Weather Emergencies</u>	72	\$0.004	42	\$0.003	30	\$0.001	10,264	\$0.604	10,161	\$0.598	103	\$0.006
					41.7%	0.0%					1.0%	0.9%
<u>Safety/Security/Law Enforcement</u>	1,546	\$0.096	1,015	\$0.063	531	\$0.033	11,440	\$0.735	10,247	\$0.658	1,194	\$0.077
					34.3%	34.3%					10.4%	10.5%
<u>Other</u>	2,434	\$0.172	2,218	\$0.156	216	\$0.016	16,136	\$0.973	19,635	\$1.184	(3,499)	(\$0.211)
					8.9%	9.1%					-21.7%	-21.7%
<u>*All Other Departments and Accruals</u>		\$0.457		\$0.805		(\$0.348)		\$2.050		\$2.038		\$0.012
						-76.0%						0.6%
Subtotal	29,409	\$2.302	27,757	\$2.551	1,652	(\$0.249)	261,365	\$18.956	274,580	\$19.906	(13,215)	(\$0.950)
					5.6%	-10.8%					-5.1%	-5.0%
REIMBURSABLE OVERTIME	2,902	\$0.244	810	\$0.068	2,092	\$0.176	24,682	\$1.770	17,737	\$1.272	6,945	\$0.498
					72.1%	72.1%					28.1%	28.1%
TOTAL OVERTIME	32,311	\$2.545	28,567	\$2.619	3,745	(\$0.073)	286,047	\$20.726	292,317	\$21.178	(6,270)	(\$0.452)
					11.6%	-2.9%					-2.2%	-2.2%

Figures are preliminary.
Totals may not add due to rounding
NOTE: Percentages are based on each type of Overtime and not on Total Overtime
*Includes overtime for all departments other than Operations and Maintenance, and adjustments to reflect the 28-day payroll lag
**Variance exceeds 100%

MTA Bridges and Tunnels
2017 July Financial Plan
Non-Reimbursable/Reimbursable Overtime
(\$ in millions)

	Monthly			Year-to-Date		
	Var. - Fav./(Unfav)		Explanations	Var. - Fav./(Unfav)		Explanations
	Hours	\$		Hours	\$	
NON-REIMBURSABLE OVERTIME						
OPERATIONS & MAINTENANCE						
<u>Scheduled Service</u>	1,818	\$0.114	Lower than planned expenses	1,773	\$0.112	Lower than planned expenses
	28.1%	28.2%		3.6%	3.6%	
<u>Unscheduled Service</u>	219	\$0.017	Minor variance	817	\$0.050	Lower than planned expenses
	49.1%	50.5%		42.7%	42.5%	
<u>Programmatic/Routine Maintenance</u>	(2,105)	(\$0.140)	Higher than planned expenses	(7,249)	(\$0.600)	Higher than planned expenses
	**	**		-48.3%	-48.3%	
<u>Unscheduled Maintenance</u>	47	\$0.004	Minor variance	1,684	\$0.119	Lower than planned expenses
	3.8%	4.2%		18.2%	18.2%	
<u>Vacancy/Absentee Coverage</u>	897	\$0.054	Lower than planned expenses	(8,036)	(\$0.514)	Higher than planned expenses
	5.8%	5.8%		-5.4%	-5.4%	
<u>Weather Emergencies</u>	30	\$0.001	Minor variance	103	\$0.006	Minor variance
	41.7%	0.0%		1.0%	0.9%	
<u>Safety/Security/Law Enforcement</u>	531	\$0.033	Lower than planned expenses	1,194	\$0.077	Lower than planned expenses
	34.3%	34.3%		10.4%	10.5%	
<u>Other</u>	216	\$0.016	Lower than planned expenses	(3,499)	(\$0.211)	Higher than planned expenses
	8.9%	9.1%		-21.7%	-21.7%	
<u>*All Other Departments and Accruals</u>		(\$0.348)	Primarily due to adjustments for the 28-day OT payroll lag		\$0.012	Primarily due to adjustments for the 28-day OT payroll lag
		-76.0%			0.6%	
Subtotal	1,652	(\$0.249)		(13,215)	(\$0.950)	
	5.6%	-10.8%		-5.1%	-5.0%	
REIMBURSABLE OVERTIME	2,092	\$0.176	Primarily due to the timing of billing for projects eligible for reimbursement from the capital program	6,945	\$0.498	Primarily due to the timing of billing for projects eligible for reimbursement from the capital program
	72.1%	72.1%		28.1%	28.1%	
TOTAL OVERTIME	3,745	(\$0.073)		(6,269)	(\$0.452)	

Figures are preliminary

Totals may not add due to rounding

NOTE: Percentages are based on each type of Overtime and not on Total Overtime

*Includes overtime for all departments other than Operations and Maintenance, and adjustments to reflect the 28-day payroll lag

**Variance exceeds 100%

-0.950

0.498

-0.452

METROPOLITAN TRANSPORTATION AUTHORITY
2017 Overtime Reporting
Overtime Legend

OVERTIME DECOMPOSITION LEGEND DEFINITIONS

<u>Type</u>	<u>Definition</u>
<i>Scheduled Service</i>	Scheduled hours above normal tours required of operations and maintenance workers for special events (e.g., NYC Marathon, Five-Borough Bike Tour, etc.) and bridge lifts.
<i>Unscheduled Service</i>	Service coverage resulting from extraordinary events not related to weather, such as injuries, mechanical breakdowns, unusual traffic, tour length, late tour relief, and other requirements that arise that are non-absence related.
<i>Programmatic/Routine Maintenance</i>	<i>Routine Maintenance</i> work for which OT has been planned, as well as all other maintenance <u>not resulting from extraordinary events</u> , including running repairs. Program/Routine maintenance work is usually performed during hours that are deemed more practical in order to minimize service disruptions, and includes contractual scheduled pay over 8 hours.
<i>Unscheduled Maintenance</i>	Resulting from an <u>extraordinary event</u> (not weather-related) requiring the use of unplanned maintenance to perform repairs on bridges, tunnels and other facilities.
<i>Vacancy/Absentee Coverage</i>	Provides coverage for an absent employee or a vacant position.
<i>Weather Emergencies</i>	Coverage necessitated by extreme weather conditions (e.g. snow, flooding, hurricanes, and tornadoes), as well as preparatory and residual costs.
<i>Safety/Security/Law Enforcement</i>	Coverage required to provide additional customer & employee protection and to secure facilities and security training.
<i>Other</i>	Includes overtime coverage for clerical, administrative positions that are eligible for overtime.
<i>Reimbursable Overtime</i>	Overtime incurred to support projects that are reimbursed from the MTA Capital Program and other funding sources.

**MTA BRIDGES AND TUNNELS
TRAFFIC VOLUME AND REVENUE
(millions)**

Month of August

Year to date ending August 2017

Comparison Current Year vs. Prior Year:

Prior Year		Current Year*		Percentage Change			Prior Year		Current Year*		Percentage Change	
Traffic	Revenue	Traffic	Revenue	Traffic	Revenue		Traffic	Revenue	Traffic	Revenue	Traffic	Revenue
4.2	\$29.3	4.1	\$29.7	-2.6%	1.5%		Bronx-Whitestone	30.4	\$191.0	30.5	\$218.3	0.4%
0.8	1.8	0.8	1.8	0.2%	-1.1%	Cross Bay	5.6	11.8	5.7	12.5	0.7%	6.7%
2.2	6.8	2.2	8.1	1.9%	19.2%	Henry Hudson	16.2	46.2	16.8	56.3	3.8%	21.8%
1.6	9.4	1.6	9.7	1.2%	3.3%	Hugh L. Carey	12.1	70.4	11.7	70.1	-3.7%	-0.5%
0.8	1.9	0.8	1.9	-1.1%	-1.0%	Marine Parkway	5.4	11.3	5.4	12.6	0.2%	11.2%
2.3	14.9	2.3	15.4	1.0%	3.3%	Queens Midtown	18.8	120.1	16.6	103.3	-11.6%	-14.0%
5.6	38.3	5.9	40.9	5.7%	6.8%	RFK	41.5	278.6	41.5	286.8	-0.2%	3.0%
3.9	30.3	3.9	31.4	-0.5%	3.8%	Throgs Neck	28.7	213.3	29.0	230.2	1.0%	7.9%
6.2	35.5	6.5	39.6	3.9%	11.6%	Verrazano-Narrows	46.2	245.8	47.2	272.4	2.2%	10.8%
27.6	\$168.1	28.1	\$178.5	1.9%	6.2%	Total	204.9	\$1,188.6	204.3	\$1,262.6	-0.3%	6.2%
	\$6.087		\$6.345		4.2%	Revenue Per Vehicle		\$5.800		\$6.179		6.5%

Note: Numbers may not add due to rounding.

*Toll increase implemented March 19, 2017

Comparison Actual vs. Mid-Year Forecast:

Mid-Year Forecast		Aug Actual		Percentage Change			Mid-Year Forecast		YTD Actual		Percentage Change	
Traffic	Revenue	Traffic	Revenue	Traffic	Revenue		Traffic	Revenue	Traffic	Revenue	Traffic	Revenue
27.6	\$173.9	28.1	\$178.5	2.1%	2.6%		Total All	203.8	\$1,266.9	204.3	\$1,262.6	0.3%
	\$6.311		\$6.345		0.5%	Revenue Per Vehicle		\$6.217		\$6.179		-0.6%

MTA BRIDGES AND TUNNELS
JULY FINANCIAL PLAN - 2017 MID-YEAR FORECAST
TOTAL POSITIONS BY FUNCTION AND DEPARTMENT
NON-REIMBURSABLE/REIMBURSABLE and FULL-TIME POSITIONS/FULL-TIME EQUIVALENTS
August 2017

Department	Mid-Year Forecast	Actual	Favorable (Unfavorable) Variance	Explanation of Variances
Administration				
Executive	11	5	6	6 Professional vacancies
Law ⁽¹⁾	16	12	4	4 Professional vacancies
CFO ⁽²⁾	25	25	-	
Administration ⁽³⁾	38	40	(2)	2 Professional overages
EEO	2	1	1	1 Professional vacancy
Total Administration	92	83	9	
Operations				
Revenue Management	43	38	5	3 Managerial and 2 Professional vacancies
Operations (Non-Security)	543	452	91	30 Managerial vacancies, 2 Professional vacancies, and 59 BTO vacancies
Total Operations	586	490	96	
Maintenance				
Maintenance	207	195	12	6 Professional and 7 Maintainer vacancies, 1 Managerial overage
Operations - Maintainers	175	162	13	13 Maintainer vacancies
Total Maintenance	382	357	25	
Engineering/Capital				
Engineering & Construction	192	160	32	5 Managerial and 27 Professional vacancies
Safety & Health	10	8	2	1 Managerial vacancy and 1 Professional vacancy
Law ⁽¹⁾	22	17	5	5 Professional vacancies
CFO-Planning & Budget Capital	29	19	10	5 Managerial and 5 Professional vacancies
Total Engineering/Capital	253	204	49	
Public Safety				
Operations (Security)	232	232	-	
Internal Security - Operations	44	35	9	1 Managerial and 8 Professional vacancies
Total Public Safety	276	267	9	
Total Positions				
	1,589	1,401	188	
Non-Reimbursable	1,502	1,314	188	
Reimbursable	87	87	-	
Total Full-Time				
	1,589	1,401	188	

(1) Includes Legal and Procurement staff.

(2) Includes Controller and Operating Budget staff.

(3) Includes Human Resources, Labor Relations, and Administration staff.

MTA BRIDGES AND TUNNELS
JULY FINANCIAL PLAN - 2017 MID-YEAR FORECAST
TOTAL POSITIONS BY FUNCTION AND OCCUPATION
FULL-TIME POSITIONS and FULL-TIME EQUIVALENTS
August 2017

	Mid-Year Forecast	Actual	Favorable (Unfavorable) Variance	Explanation of Variances
Administration				
Managers/Supervisors	28	25	3	3 vacancies in CFO
Professional, Technical, Clerical	64	58	6	6 vacancies in Executive and 4 in Law, 1 vacancy in EEO, 3 overages in CFO and 2 in Admin
Operational Hourlies	-	-	-	
Total Administration	92	83	9	
Operations				
Managers/Supervisors	207	174	33	30 vacancies in Operations and 3 in Revenue Management
Professional, Technical, Clerical	43	39	4	2 vacancies in Revenue Management and 2 in Operations
Operational Hourlies ⁽¹⁾	336	277	59	59 BTO vacancies in Operations
Total Operations	586	490	96	
Maintenance				
Managers/Supervisors	19	20	(1)	1 overage in Maintenance
Professional, Technical, Clerical	20	14	6	6 vacancies in Maintenance
Operational Hourlies ⁽²⁾	343	323	20	7 Maintainer vacancies in Maintenance and 13 in Operations
Total Maintenance	382	357	25	
Engineering/Capital				
Managers/Supervisors	58	47	11	5 vacancies in Engineering, 5 in CFO, and 1 vacancy in Safety and Health
Professional, Technical, Clerical	195	157	38	27 vacancies in Engineering, 5 in CFO, 5 in Law, and 1 vacancy in Safety and Health
Operational Hourlies	-	-	-	
Total Engineering/Capital	253	204	49	
Public Safety				
Managers/Supervisors	46	45	1	1 vacancy in Internal Security
Professional, Technical, Clerical	34	26	8	8 vacancies in Internal Security
Operational Hourlies ⁽³⁾	196	196	-	
Total Public Safety	276	267	9	
Total Positions				
Managers/Supervisors	358	311	47	
Professional, Technical, Clerical	356	294	62	
Operational Hourlies	875	796	79	
Total Positions	1,589	1,401	188	

(1) Represents Bridge and Tunnel Officers. These positions are paid annually, not hourly.

(2) Represents Maintenance personnel. These positions are paid annually, not hourly.

(3) Represents Bridge and Tunnel Officers performing public safety. These positions are paid annually, not hourly.



Bridges and Tunnels



Capital Program Project Status Report September 2017

MTA BRIDGES & TUNNELS
CAPITAL PROGRAM
STATUS REPORT
SEPTEMBER 30, 2017

Introduction

This report presents the year's planned versus actual and forecast commitments, completions, and close-outs in narrative, tabular and graphic formats.

Commitments

In September, 7 commitments were made with a total value of \$4.5 million compared to the plan calling for 11 commitment with a total value of \$34.7 million from the 2017 Plan (See *Attachment 1, 2017 Commitment Chart; Attachment 7 – 2017 Commitment Plan*).

No commitments were made against the 2016 Commitment Plan in September (See *Attachment 9, 2016 Commitment Plan*).

Year-to-date, 141 commitments have been made with a total value of \$479.9 million against a plan calling for 67 commitments with a total value of \$425.9 million from the 2017 plan. Additionally, 14 commitments have been made with a total value of \$33.1 million from the 2016 plan against a plan calling for 19 commitments with a value of \$36.9 million from the 2016 plan.

In aggregate, 155 commitments totaling \$513.0 million have been made to date, against a plan of 86 commitments with a total value of \$462.8 million.

Completions

One project planned for September for \$6.1 million was reported complete in July 2017.

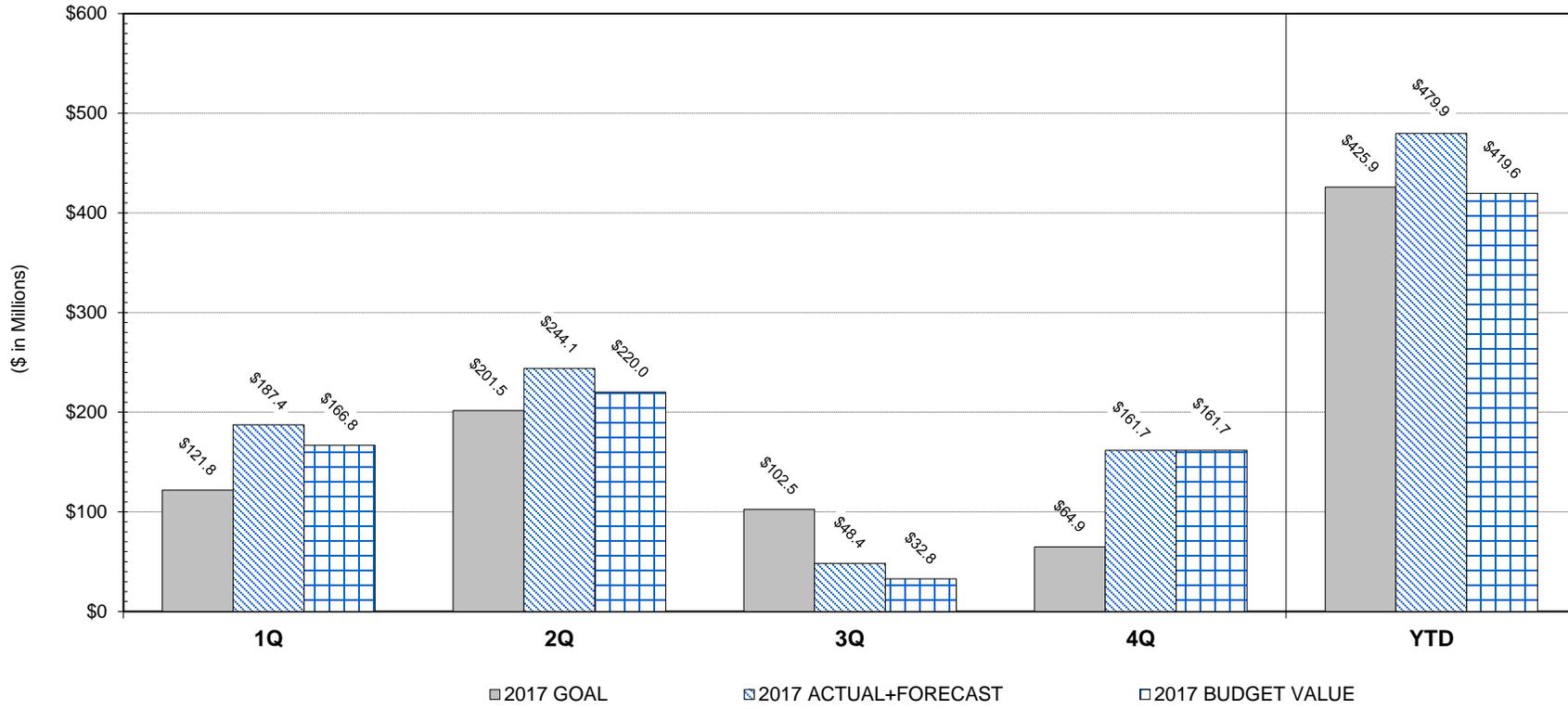
Year-to-date 9 projects have been completed for \$423.4 million against a plan of 6 projects totaling \$130.4 million accomplishing 324.7% of the year to date goal (See *Attachment 3 - 2017 Completion Chart; Attachment 4 – 2017 Major Project Completions; Attachment 5 - 2017 Project Completion Plan*).

Close-outs

There were 5 task level closeouts in September for \$1.5 million. Year-to-date there were 82 task level closeouts for \$168.0 million. (See *Attachment 6 – 2017 Task Level Closeouts*).

MTA Bridges and Tunnels
Commitments as of September 30, 2017

2017 Budget Goal:	\$490.8	
2017 Annual Forecast:	\$641.5	
YTD Goal:	\$425.9	
YTD Actual:	\$479.9	(112.7% of YTD Goal)
YTD Budgeted Value:	\$419.6	(98.5% of YTD Goal)
Left to Commit:	\$161.7	



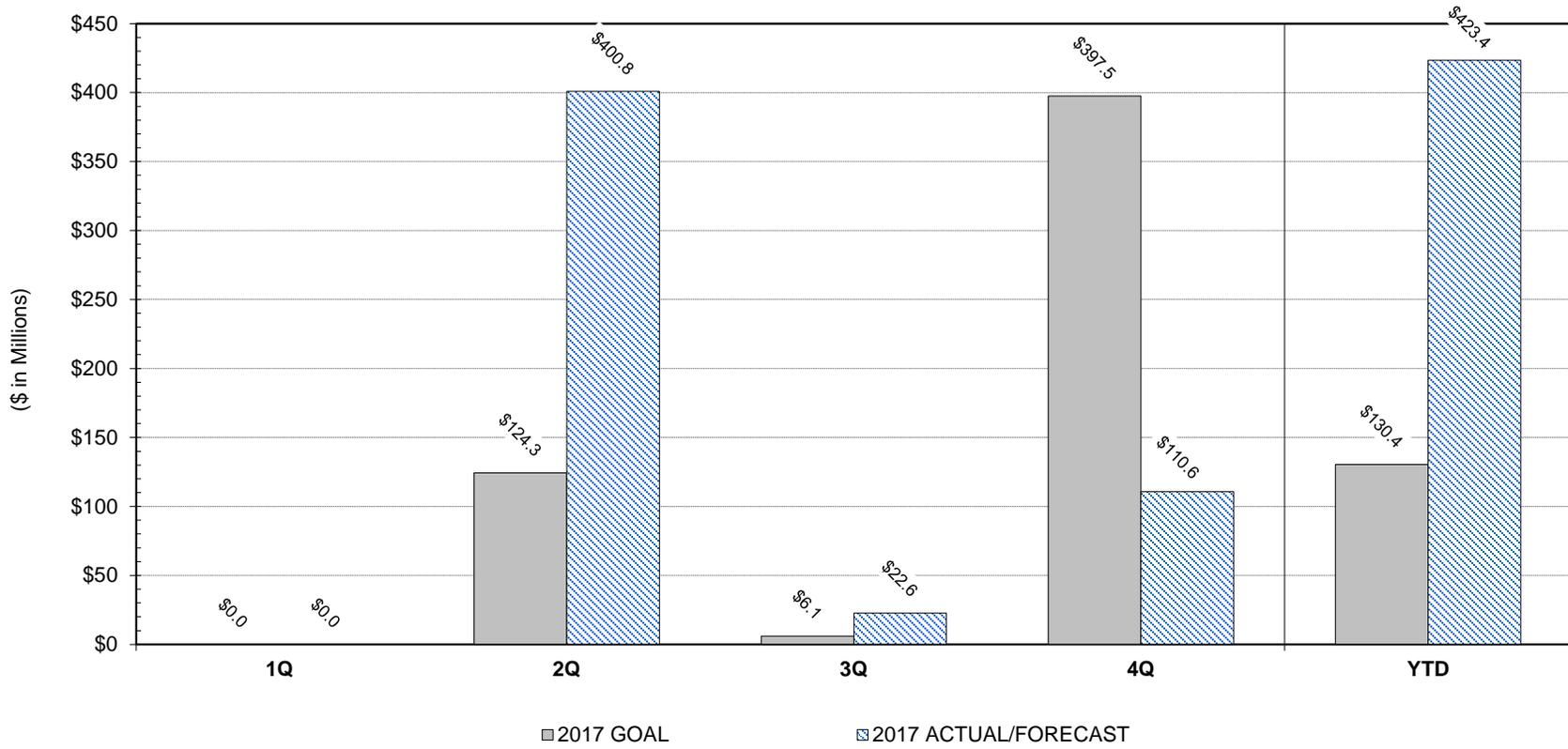
MTA Bridges and Tunnels: Status of Major Commitments as of September 30, 2017

Project		Budget (\$ in Millions)			Award Date			Notes	
		2017 Goal	Actual / Forecast*	Budgeted Value	2017 Goal	Advertisement Date	Actual / Forecast		
D703RK63	Open Road Tolling Initiative - RFK Bridge (Manhattan)	\$12.9	\$12.9	\$12.9	Feb-17	NA	Feb-17	A	1
D702RK65	Interim Repairs - RFK	\$12.3	\$12.3	\$12.5	Feb-17	NA	Feb-17	A	1
D703CB63	Open Road Tolling Initiative - CB Bridge	\$12.0	\$8.3	\$12.0	Mar-17	NA	Mar-17	A	1
D703MP63	Open Road Tolling Initiative - MP Bridge	\$13.3	\$6.8	\$13.3	Mar-17	NA	Mar-17	A	1
D703RK63	Open Road Tolling Initiative - RFK Bridge (Bronx/Queens)	\$27.0	\$24.3	\$27.0	Mar-17	NA	Mar-17	A	1
D703VN63	Open Road Tolling Initiative - VN Bridge	\$23.5	\$53.3	\$23.5	Mar-17	NA	Mar-17	A	1
D703HH88	Toll Plazas & Southbound Approach Reconstruction	\$73.3	\$73.0	\$65.6	Apr-17	Oct-16	Apr-17	A	
D704HH13	Replacement of Facility Lighting System	\$14.0	\$10.0	\$12.2	Apr-17	Oct-16	Apr-17	A	
D701HH89	Skewback Retrofit	\$83.7	\$85.7	\$66.0	Apr-17	Feb-16	May-17	A	
D704BW39	Install Electronic Monitoring & Detection Systems	\$23.0	\$23.0	\$23.0	Jul-17	Apr-16	Dec-17	F	2
D704RK60	Install Electronic Monitoring & Detection Systems	\$34.3	\$34.3	\$34.3	Jul-17	Apr-16	Dec-17	F	2
D701RK22	Interim Repairs - FDR Ramp	\$20.0	\$20.0	\$20.0	Sep-17	Aug-17	Nov-17	F	3
D704RK07	Electrical/Mechanical Rehab of HR Lift Span	\$17.0	\$17.0	\$17.0	Nov-17	Jan-17	Dec-17	F	5
D701VN34	Main Cable & Suspender Rope Testing - Phase 1	\$33.7	\$33.7	\$33.7	Nov-17	Mar-17	Nov-17	F	4

1. Construction task will be procured through on-call construction contracts or change orders to existing capital projects.
2. Additional time is required to repond to questions from interested Design/Build teams.
3. The design package took longer than anticipated, hence pushing the construction forecast start date out by two months. Actual advertisement date for D701RK22 was August.
4. Actual advertisement date for D701VN34 was March.
5. Design/Build teams requested additional time to review RFP documents.

MTA Bridges and Tunnels
Completions as of September 30, 2017

2017 Budget Goal:	\$527.9
2017 Annual Forecast:	\$534.0
YTD Goal:	\$130.4
YTD Actual:	\$423.4 (324.7% of YTD Goal)
Left to Complete:	\$110.6



MTA Bridges and Tunnels: Status of Major Completions as of September 30, 2017

Project		Budget (\$ in Millions)		Completions Status		Completion Date		Notes
		2017 Goal	Actual / Forecast*	Physical % Complete	% Contingency Spent	2017 Goal	Actual / Forecast	
D601VN35	Steel Repair & Concrete Rehab. & Drainage Systems	\$11,064,339	\$11,064,339	99%	0%	Jun-17	May-17	A
D602VN80	Replace Upper Level Suspended Span; VN80C: Bus/HOV Access Improvement	\$84,780,020	\$84,780,020	99%	79%	Jun-17	May-17	A
D607VN35	Paint - Brooklyn & Staten Island Lower Level Ramps	\$15,893,313	\$15,893,313	99%	0%	Jun-17	May-17	A
D601RK23	Miscellaneous Rehab - Manhattan Approach Ramps	\$102,947,301	\$102,947,301	90%	57%	Oct-17	Oct-17	F
D602VN80	VN80B Replace Upper Level Suspended Span	\$243,929,977	\$243,929,977	96%	78%	Nov-17	May-17	A
D607VN80	Paint - Upper Level Superstructure	\$32,908,184	\$32,908,184	96%	0%	Nov-17	May-17	A
ED010324	MPB / CBB Master Plan & Resiliency Needs (CB-24)	\$10,000,000	\$10,000,000	88%	0%	Dec-17	Mar-18	F 1

* Forecast is equal to the project's most recently validated estimate at completion (EAC).

Note:1: Additional time required for structural data collection and traffic analysis

**MTA BRIDGES & TUNNELS
CAPITAL PROGRAM
2017 PROJECT COMPLETIONS**

Project ID (ACEP)	Project Description	Type	Goal End Date	Goal Value	Budgeted Value	Actual End Date	Actual Value	Forecast End Date	Forecast Value
ED050301	Flood Mitigation-Relocate Rev Equip -VN	Construction	Apr-17	\$7,596,436	\$7,596,436	Apr-17	\$7,260,566		
			Apr-17 Total	\$7,596,436	\$7,596,436				
ED040303	Flood Mitigation-Generator at GIVB	Construction	May-17	\$4,964,711	\$4,964,711	Apr-17	\$4,964,711		
			May-17 Total	\$4,964,711	\$4,964,711				
D601VN35	Steel Repair & Concrete Rehab. & Drainage Systems	Construction	Jun-17	\$11,064,339	\$11,064,339	May-17	\$11,064,339		
D602VN80	Replace Upper Level Suspended Span; VN80C: Bus HOV Access Improvements	Construction - Sub-Project VN80C	Jun-17	\$84,780,020	\$84,780,020	May-17	\$84,780,020		
D607VN35	Paint - Brooklyn & Staten Island Lower Level Ramps	Construction	Jun-17	\$15,893,313	\$15,893,313	May-17	\$15,893,313		
			Jun-17 Total	\$111,737,672	\$111,737,672				
D607RK65	RK44: Paint - Plaza and Approach Ramps	Construction - Sub-Project RK44	Sep-17	\$6,082,621	\$6,082,621	Jul-17	\$6,082,621		
			Sep-17 Total	\$6,082,621	\$6,082,621				
D601RK23	Miscellaneous Rehab - Manhattan Approach Ramps	Construction	Oct-17	\$102,947,301	\$102,947,301			Oct-17	\$102,947,301
			Oct-17 Total	\$102,947,301	\$102,947,301				
D602VN80	VN80B Replace Upper Level Suspended Span	Construction - Sub-Project VN80B	Nov-17	\$243,929,977	\$243,929,977	May-17	\$243,929,977		
D607VN80	Paint - Upper Level Superstructure	Construction	Nov-17	\$32,908,184	\$32,908,184	May-17	\$32,908,184		
			Nov-17 Total	\$276,838,161	\$276,838,161				
D602VN84	Widening of Belt Parkway Ramps DES	Design	Dec-17	\$7,686,915	\$7,686,915			Dec-17	\$7,686,915
ED010324	MPB / CBB Master Plan & Resiliency Needs (CB-24)	Design	Dec-17	\$10,000,000	\$10,000,000			Mar-18	-
			Dec-17 Total	\$17,686,915	\$17,686,915				
			Grand Total	\$527,853,817	\$527,853,817				
	Unplanned Completions								
D601QM18	Entrance and Exit Plazas Structural Rehabilitation	Construction		\$0	\$16,486,941	Jul-17	\$16,486,941		
			Grand Total:	\$527,853,817	\$544,340,758		\$423,370,672	Remaining	\$110,634,216

* Forecast is equal to the project's most recently validated estimate at completion (EAC).

**MTA BRIDGES & TUNNELS
CAPITAL PROGRAM
2017 TASK LEVEL CLOSEOUTS**

PROJECT	PROJECT DESCRIPTION	TASK	TASK DESCRIPTION	CLOSEOUT WAR	CERTIFICATE	
					DATE	AMOUNT
D701RK19	Seismic/ Wind Retrofit & Structural Rehabilitation Phase I	D03424	BC Development F/A (TBTA-D1783)	D00001783A	Jan-17	\$31,904
D503AW35	Weather Information System	D02420	Operations-Maintenance F/A (TBTA_D1235)	D00001235B	Jan-17	\$72,564
D601AW98	Feasibility Study-BBT/QMT Improvements/Modernization	D02550	Feasibility Study (PSC-10-2877)	D00001365A	Jan-17	\$1,808,258
D604QM81	Controls/ Communication System	D02684	Design (PSC-13-2942X)	D00001635A	Jan-17	\$1,483,543
D601MP06	Substructure & Underwater Scour Protection	D03167	SBMP-MP06B-Construction South Abutment	D00001622D	Jan-17	\$851,416
D502TB64	Replace Deck-Randalls Island Viaduct	D02935	RK75 CM Repairs Queens-Manhattan (GFM474 #69)	D00001348B	Jan-17	\$25,788
D601TN52	Miscellaneous Structural Rehabilitation	D02994	CM-Safety Flag Repairs ((PSC-08-2849C)	D00001417A	Jan-17	\$28,960
D602RK75	Interim Repairs-Toll Plaza Deck	D03131	Construction Adm. Ph I	D00001581A	Jan-17	\$361,552
G5140104	B&T Triborough Hardening	G01817	Contr Constr: TBB Task 39/C52077	G00001436G	Jan-17	\$48,384,212
G5140107	08TSG RFK Bridge Hardening	G02423	Cns. - Suspender Rope Shielding	G00001822B	Jan-17	\$5,544,000
D704BW39	Install Electronic Monitoring & Detection Systems	D03418	BC Development F/A (TBTA-D1772)	D00001772A	Feb-17	\$57,968
D706AW21	Program Administration	D03443	2016 Indirect Program Adm F/A(TBTA-D1841)	D00001841A	Feb-17	\$1,976,390
D706AW21	Program Administration	D03444	2017 Program Adm F/A(TBTA-D1842)	D00001842A	Feb-17	\$233,347
D704HH13	Replacement of Facility Lighting System	D03361	PM Design F/A (TBTA-1766)	D00001766A	Feb-17	\$153,452
D606AW22	Miscellaneous	D03362	Independent Design-Build Review BW39?RK60	D00001879A	Feb-17	\$5,100
D602BW89	Deck Replacement-Elevated and On GradeApproach	D02600	Construction Support Services (PSC-06-2810)	D00001363B	Feb-17	\$4,002,952
D602TN82	Rehabilitate Orthotropic Deck-Phase B	D02743	TN82B-Construction Administration (PSC-10-2888)	D00001396B	Feb-17	\$2,215,536
D607TN82	Paint-Bronx and Queens Approach Spans	D02749	Paint Construction Administration (PSC-10-2888)	D00001397B	Feb-17	\$2,932,257
D402BW89	Approach Ramps Replacement & Lower Garage	D01690	BW89C-Design Phase II- Queens Approach (PSC-06-2810)	D00001170B	Feb-17	\$5,878,658
ED060201	Sandy Program Administration	E04012	2016 Grants Management (TBTA-E2433)	E00002433A	Feb-17	\$426,198
ED060201	Sandy Program Administration	E04013	2016 E & C Support (TBTA-E2435)	E00002435A	Feb-17	\$236,168
D501BW84	Cable and Anchorage Investigation	D01824	Design BW84A (PSC-05-2736)	D00001007A	Mar-17	\$2,585,263
D506AW28	Scope Development	D02331	BW/TN Traffic Study (PSC_06-2708A)	D00001165A	Mar-17	\$457,441
D506AW28	Scope Development	D02332	VN Bus HOV Lane Study (PSC-06-2807A)	D00001167A	Mar-17	\$209,273
D501VN32	Structural Steel Repairs	D02340	Construction Support Services (PSC-06-2807A)	D00001179A	Mar-17	\$92,405
D603AW36	Installation of CCTV / Fiber Optic Cable	D02486	PM Const F/A(RFK)(TBTA-D1532)	D00001532A	Mar-17	\$675,139
D604BB45	Replace Electrical Switchgear & Equipment	D02566	Construction Administration (PSC-10-2873)	D00001318A	Mar-17	\$4,327,511
G5140110	B&T 2008 BZPP Grant	G03476	VNB - BZPP CM	G00002509A	Mar-17	\$41,581
G5140110	B&T 2008 BZPP Grant	G03487	TNB - BZPP CM	G00002508A	Mar-17	\$30,883
D704QM91	Installation of Smoke Detection/Alarm Systems	D03570	BC Development F/A(TBTA-D1837)	D00001837A	Mar-17	\$55,850
D604BW15	Necklace Lighting	D02588	Construction Administration (PSC-08-2849A #21)	D00001554C	Mar-17	\$1,183,728
D603AW48	2nd Generation E-Zpass In-Lane	D02833	AET- Phase I- Gantry Construction Inspection	D00001288A	Mar-17	\$67,446
D601TN52	Miscellaneous Structural Rehabilitation	D03023	CM-Safety Flag Repairs ((PSC-08-2849B)	D00001580A	Mar-17	\$292,243
D606AW22	Miscellaneous	D03217	VE-HH88A (PSC-06-2807D WO#20)	D00001616B	Mar-17	\$90,202
D606AW22	Miscellaneous	D03242	Construction Rev-MP03 (PSC-06-2807E WO#16)	D00001639A	Mar-17	\$53,489
D703AW65	Toll Collection System Rehabilitation/ Upgrades	D03353	Design (PSC-12-2891B/ Task #39)	D00001801A	Mar-17	\$293,091
ED230110	Portable Emergency Generator NT 2014	E03450	Portable Emergency Operations Generator	D00002299A	Mar-17	\$128,369
D606AW28	Scope Development	D02472	ITS-PM Scope Development F/A (TBTA-D1449)	D00001449B	Apr-17	\$28,999
D601BW97	Concrete Anchorage Repairs	D02606	Construction Administration Bronx Anchorage(PSC-11-2905)	D00001506A	Apr-17	\$1,252,137
D603AW35	Weather Information Systems	D02883	BC Development F/A (TBTA-D1337)	D00001337A	May-17	\$47,431

**MTA BRIDGES & TUNNELS
CAPITAL PROGRAM
2017 TASK LEVEL CLOSEOUTS**

PROJECT	PROJECT DESCRIPTION	TASK	TASK DESCRIPTION	CLOSEOUT WAR	CERTIFICATE	CERTIFICATE
					DATE	AMOUNT
D701RK20	Cable Inspection and Rehabilitation	D03606	BC Development F/A (TBTA-D1851)	D00001851A	May-17	\$27,631
D702RK65	Reconstruct Manhattan Toll Plaza & Ramps	D03652	BC Development F/A-RK65B (TBTA-D1867)	D00001867A	May-17	\$0
D704AWX3	Bridge Structural Health Monitoring Initiatives	D03526	BC Development F/A (TBTA-D1836)	D00001836A	May-17	\$0
D705RK58	Rehabilitate Robert Moses Building and Ancillary Facilities	D03425	BC Development F/A (TBTA-D1777)	D00001777A	May-17	\$30,698
D707VN49	Paint Suspended Span Upper & Lower Level Steel	D03826	BC Development F/A (TBTA-D1834)	D00001834A	May-17	\$7,598
ED050202	Hugh L. Carey Tunnel Environmental Cleanup	E02664	Const. Adm. Ph(PSC-08-2849A,WO#33)	E00001507A	May-17	\$54,216
D704RK21	Install Fire Standpipe/UpgradeProtection System	D04041	Design Build Stipend (Picone)	D00001978A	Jun-17	\$35,000
D605BB45	Replace Electrical Switchgear & Equipment	D02565	PM Construction F/A (TBTA-D1271)	D00001271A	Jun-17	\$2,010,680
D601CB09	Substructure & Underwater Work	D02610	Construction (CB09)	D00001310C	Jun-17	\$16,268,851
D702TN55	Study for Bronx/Queens Approach Viaduct Replacement Design	D03693	BC Development F/A (TBTA-D1861)	D00001861A	Jun-17	\$27,345
D501CB08	Deck and Structural Rehabilitation	D01997	Construction Administration (PSC-06-2787)	D00001068C	Jun-17	\$3,219,388
D501CB09	Substructure & Underwater Repair	D02854	Construction Administration (PSC-06-2787)	D00001309B	Jun-17	\$1,770,220
D503AW36	Installation of CCTV/ Fiber Optics	D02155	CB08/CB09 -Construction Administration (PSC-06-2787)	D00001067B	Jun-17	\$53,158
D601TN52	Miscellaneous Structural Rehabilitation	D02734	Design (PSC-06-2807A Task 42)	D00001497A	Jun-17	\$193,065
D601TN52	Miscellaneous Structural Rehabilitation	D03020	Design (PSC-06-2807A Task 42A-2013)	D00001543A	Jun-17	\$133,359
D606AW28	Scope Development	D03169	Scope Development for VN Anchorage (PSC-06-2807A)	D00001558A	Jun-17	\$409,085
D601TN52	Miscellaneous Structural Rehabilitation	D03024	Design (TN-52A)PSC-06-2807A #42B	D00001630A	Jun-17	\$174,993
D602BW89	Deck Replacement - Elevated and On Grade Approach	D03137	Traffic Enforce Agents (MOU-08-33)	D00001526B	Jun-17	\$1,299,948
D604BB45	Replace Electrical Switchgear & Equipment	D02567	Construction	D00001325C	Jul-17	\$43,542,351
D505QM01	Service & FE Building Rehabilitation	D02923	Design (PSC-06-2807B WO#12)	D00001465A	Jul-17	\$481,202
D605BB43	Miscellaneous Repairs at Battery Parking Garage	D03053	Design-Structural (PSC-06-2807B WO#16)	D00001511C	Jul-17	\$254,680
D606AW28	Scope Development	D03009	Scope Development Fan Motors(PSC-06-2807B)	D00001525B	Jul-17	\$84,910
D502VN80	Rehab Decks on Suspended Spans	D02987	Seismic Retrofit Design (PSC-06-2807B)	D00001415A	Jul-17	\$187,449
D502VN84	Widening of Belt Parkway Ramps	D03088	Peer Review (PSC-06-2807B)	D00001469A	Jul-17	\$75,720
D602BW89	Deck Replacement-Elevated and On GradeApproach	D02597	PM Construction F/A-Queens Approach (TBTA-D1335)	D00001335A	Jul-17	\$3,448,104
D601RK19	Seismic and Wind Study	D03075	PM Design Brief F/A (TBTA-D1509)	D00001509B	Jul-17	\$325,715
D602RK65	Deck Replacement-Bronx/ Manhattan Ramps/ Toll Plaza	D03250	RK65A Operations F/A-Retrofit (TBTA-D1663)	D00001663A	Jul-17	\$48,418
D601QM40	Tunnel Wall and Ceiling Repairs and Leak Control	D02677	PM Design F/A (TBTA-1520)	D00001520A	Jul-17	\$888,124
D602RK65	Deck Replacement-Bronx/ Manhattan Ramps/ Toll Plaza	D03136	RK65R2-PM Construction F/A-Training Facility (TBTA-D1682)	D00001682A	Jul-17	\$921,041
D703AW32	Installation of Rotating Prism Signs	D03412	Rotating Prism Signs PM Construction F/A(TBTA-D1843)	D00001843A	Jul-17	\$94,610
D705AW66	Operations Command Center Rehabilitation/Replacement	D03488	BC Development F/A(TBTA-D1860)	D00001860A	Jul-17	\$0
D604QM81	Controls/Communication System	D02683	PM Design F/A (TBTA-D1562)	D00001562A	Aug-17	\$523,877
ED010304	QMT Mitigation- Perimeter Work & Floodgates	E03431	Construction - Backflow Preventers - SBMP	E00002225B	Aug-17	\$571,922
D701HH89	Skewback Retrofit	D04033	Stipend Halmar(HH89) PSC16-2985A	D00002004A	Aug-17	\$166,000
D701HH89	Skewback Retrofit	D04036	Stipend Judlau (HH89) PSC16-2985B	D00002005A	Aug-17	\$166,000
D701HH89	Skewback Retrofit	D04037	Stipend Kiewit (HH89) PSC16-2985C	D00002006A	Aug-17	\$166,000
D701HH89	Skewback Retrofit	D04038	Stipend Skanska (HH89) PSC16-2985D	D00002007A	Aug-17	\$166,000
D602MP21	Rehabilitate Rockaway Point Blvd Overpass	D02655	PM D/B Construction F/A (TBTA-D1717)	D00001717B	Sep-17	\$541,360
D403AW80	VMS and Gantry Installation	D02158	Design CB08 (CB08/CB09) (PSC-03-2682)	D00001058A	Sep-17	\$20,362
D701QM80	Manhattan/Queens Plaza Structural Rehabilitation	D03422	BC Development F/A (TBTA-D1786)	D00001786A	Sep-17	\$29,906

**MTA BRIDGES & TUNNELS
 CAPITAL PROGRAM
 2017 TASK LEVEL CLOSEOUTS**

PROJECT	PROJECT DESCRIPTION	TASK	TASK DESCRIPTION	CLOSEOUT WAR	CERTIFICATE DATE	CERTIFICATE AMOUNT
D601TN52	Miscellaneous Structural Rehabilitation	D03027	CM-Safety Flag Repairs (PSC13-2923E WO#8)	D00001695A	Sep-17	\$737,198
D601MP06	Substructure & Underwater Scour Protection	D03165	SBMP-MP06B-Construction Admin(PSC13-2924)	D00001659B	Sep-17	\$202,287
Total					82	\$167,981,171

MTA BRIDGES & TUNNELS
CAPITAL PROGRAM
2017 CAPITAL MILESTONE BACK-UP - PROJECT AWARDS

ACEP	Project Description	IMPACT Task	Task Description	Goal Start Date	Goal Value	Budget Value	Actual Start Date	Actual Value	Forecast Start Date	Forecast Value
D705AW66	Operations Command Center Rehab/Replacement	D03490	PM Const. F/A	Jan-17	\$500,000	\$500,000			--	--
D705AW66	Operations Command Center Rehab/Replacement	D03493	Construction(GFM-516 wo11)	Jan-17	\$8,295,085	\$8,295,085	Feb-17	\$8,295,085		
D706AW21	Program Administration	D03445	2017 Indirect Program Adm F/A	Jan-17	\$2,000,000	\$2,000,000	Jan-17	\$2,000,000		
D706AW21	Program Administration	D03446	2017 Program Adm F/A	Jan-17	\$1,100,000	\$1,100,000	Jan-17	\$1,100,000		
D703AW65	Toll Collection System Rehab.	D03936	ORT-Satellite Booths-BWB -Air Monit.	Jan-17	\$2,760	\$2,760	Jan-17	\$2,760		
D703AW65	Toll Collection System Rehab.	D03937	ORT-Satellite Booths-BWB-Abatement	Jan-17	\$6,815	\$6,815	Jan-17	\$6,815		
D703AW65	Toll Collection System Rehab.	D03938	ORT-Satellite Booths-BWB-Proj. Monit.	Jan-17	\$8,530	\$8,530	Jan-17	\$8,530		
D703AW65	Toll Collection System Rehab.	D03881	ORT Const. Adm. MP PSC-15-2965	Jan-17	\$315,000	\$315,000	Jan-17	\$315,000		
D703AW65	Toll Collection System Rehab.	D03883	ORT Const. Adm. CB PSC-15-2965	Jan-17	\$315,000	\$315,000	Jan-17	\$315,000		
D703AW65	Toll Collection System Rehab.	D03935	Lighting Mock-up - HHB	Jan-17	\$86,359	\$86,359	Jan-17	\$86,359		
D701VN32	Steel Repair & Concrete Rehabilitation	D03741	BC Development F/A	Jan-17	\$56,243	\$56,243	Jul-17	\$56,243		
				Jan-17 Total	\$12,685,792	\$12,685,792				
D704AW81	Installation of Digital Roadway Signage at all Facilities	D03972	Digital Sign RFK -Bx. Truss	Feb-17	\$493,145	\$493,145	Jan-17	\$493,145		
D706AW28	Scope Development	D03457	Scope Dev.-L-T Cable/Susp.	Feb-17	\$1,638,000	\$1,638,000	Mar-17	\$1,620,941		
D703AW65	Toll Collection System Rehab.	D03966	Final Aesthetic Designs(PSC12-2891F wo101)	Feb-17	\$2,000,000	\$2,000,000	May-17	\$2,022,020		
D703AW65	Toll Collection System Rehab.	D03949	Lighting Mock-up - RFK	Feb-17	\$272,968	\$272,968	Jan-17	\$376,693		
D703AW65	Toll Collection System Rehab.	D03954	Lighting Mock-up MPB	Feb-17	\$328,354	\$328,354	May-17	\$214,789		
D703AW65	Toll Collection System Rehab.	D03969	Lighting Mock-up CBB	Feb-17	\$192,831	\$192,831	May-17	\$115,173		
D702RK65	Interim Repairs - RFK	D03965	Construction Manhattan Plaza Deck (RK23A)	Feb-17	\$12,285,000	\$12,285,000	Feb-17	\$12,285,000		
D703RK63	Open Road Tolling Initiative - RFK Bridge	D03950	ORT - Civil Construction Manhattan Plaza	Feb-17	\$12,925,000	\$12,925,000	Feb-17	\$12,925,000		
				Feb-17 Total	\$30,135,298	\$30,135,298				
D703BW63	Open Road Tolling Initiative - BW Bridge	D04046	ORT Civil Construction (BW14/BW84)	Mar-17	\$2,100,000	\$2,100,000	Mar-17	\$20,276,772		
D703CB63	Open Road Tolling Initiative - CB Bridge	D03995	ORT - Civil Construction (Ph.1 & 2)	Mar-17	\$11,998,564	\$11,998,564	Mar-17	\$8,257,917		
D703MP63	Open Road Tolling Initiative - MP Bridge	D03990	ORT - Civil Construction (Ph.1 & 2)	Mar-17	\$13,339,765	\$13,339,765	Mar-17	\$6,751,834		
D703RK63	Open Road Tolling Initiative - RFK Bridge	D03951	ORT Civil Construction - Bronx/Queens	Mar-17	\$27,000,000	\$27,000,000	Mar-17	\$24,255,000		
D703RK63	Open Road Tolling Initiative - RFK Bridge	D03967	ORT - Const. Adm. RFK Manhattan	Mar-17	\$556,000	\$556,000	May-17	\$138,045		
D703RK63	Open Road Tolling Initiative - RFK Bridge	D03968	ORT - Const. Adm. RFK Bronx/Queens	Mar-17	\$500,000	\$500,000			Oct-17	\$500,000
D703VN63	Open Road Tolling Initiative - VN Bridge	D04000	ORT - Civil Construction (Ph.1)	Mar-17	\$23,500,000	\$23,500,000	Mar-17	\$53,259,544		
				Mar-17 Total	\$78,994,329	\$78,994,329				
D704HC07	Rehabilitation of HCT Ventilation Systems	D03603	PM Design F/A & D/B RFP Dev.	Apr-17	\$750,000	\$750,000	Sep-17	\$656,760		
D704HH13	Replacement of Facility Lighting System	D03781	CSS	Apr-17	\$325,662	\$300,000	Apr-17	\$308,753		
D704HH13	Replacement of Facility Lighting System	D03782	Construction	Apr-17	\$13,955,582	\$12,188,462	Apr-17	\$10,016,650		

MTA BRIDGES & TUNNELS
CAPITAL PROGRAM
2017 CAPITAL MILESTONE BACK-UP - PROJECT AWARDS

ACEP	Project Description	IMPACT Task	Task Description	Goal Start Date	Goal Value	Budget Value	Actual Start Date	Actual Value	Forecast Start Date	Forecast Value
D701HH89	Skewback Retrofit	D03523	Design QA/QC(PSC-13-2929)	Apr-17	\$584,929	\$584,929	Apr-17	\$1,604,845		
D701HH89	Skewback Retrofit	D03524	Design/Build	Apr-17	\$83,680,000	\$66,012,079	May-17	\$85,722,000		
D701HH89	Skewback Retrofit	D03528	Operations F/A	Apr-17	\$355,988	\$355,988	Jul-17	\$355,988		
D703HH88	Toll Plazas & Southbound Approach Reconstruction	D03795	Construction	Apr-17	\$73,266,804	\$65,555,329	Apr-17	\$73,004,170		
D703HH88	Toll Plazas & Southbound Approach Reconstruction	D03794	CSS	Apr-17	\$2,818,391	\$1,921,064	Apr-17	\$2,796,165		
D703HH88	Toll Plazas & Southbound Approach Reconstruction	D03797	Operations F/A	Apr-17	\$533,923	\$533,923	Jul-17	\$533,923		
D701RK20	Cable Inspection and Rehabilitation	D03607	PM Design F/A	Apr-17	\$865,929	\$865,929			--	--
D701RK70	Miscellaneous Structural Rehabilitation	D03662	Design	Apr-17	\$3,700,000	\$3,700,000	Jul-17	\$1,059,554		
D707RK70	Paint Suspended Span/Bronx Truss Steel	D03670	Design	Apr-17	\$330,000	\$330,000			--	--
D701RK19	Seismic/Wind Retrofit & Structural Rehab Ph1	D03592	Design	Apr-17	\$3,500,000	\$3,500,000	Jul-17	\$2,538,967		
				Apr-17 Total	\$184,667,208	\$156,597,703				
D702TN55	Study for Bx/Queens Approach Viaduct Replacement	D03694	PM Design Study F/A(TBTA-D2034)	May-17	\$1,333,297	\$1,333,297	Jun-17	\$1,333,297		
D702TN55	Study for Bx/Queens Approach Viaduct Replacement	D03695	Study & Geotechnical Survey PSC-16-3003	May-17	\$10,000,000	\$10,000,000	May-17	\$8,817,855		
D702TN55	Study for Bx/Queens Approach Viaduct Replacement	D03697	Geotechnical Survey PSC-16-3003	May-17	\$0	\$0			--	--
				May-17 Total	\$11,333,297	\$11,333,297				
D705AW66	Operations Command Center Replacement	D03957	Video Display Wall Furnish/Install	Jun-17	\$1,700,000	\$1,700,000	Aug-17	\$713,690		
D705AW66	Operations Command Center Replacement	D03958	OCCC Workstation equipment purchases	Jun-17	\$200,000	\$200,000	Aug-17	\$52,170		
D505QM02	Service Building Rehab.	D04102	Renovate Bathroom/Kitchens -Svc. & Vent Bldgs Ph.5	Jun-17	\$1,400,000	\$1,400,000			Oct-17	\$1,400,000
D701RK20	Cable Inspection and Rehabilitation	D03608	Design	Jun-17	\$2,221,243	\$2,221,243	Aug-17	\$1,421,190		
				Jun-17 Total	\$5,521,243	\$5,521,243				
D706AW18	Protective Liability Insurance	D03440	2017-AAPL	Jul-17	\$2,500,000	\$2,500,000	May-17	\$1,458,888		
D704BW39	Install Electronic Monitoring & Detection Systems	D03558	PM Const.F/A	Jul-17	\$1,000,000	\$1,000,000			--	--
D704BW39	Install Electronic Monitoring & Detection Systems	D03559	Constr. QC and Admin.	Jul-17	\$1,727,250	\$1,727,250			Oct-17	\$1,727,250
D704BW39	Install Electronic Monitoring & Detection Systems	D03560	CSS	Jul-17	\$1,000,000	\$1,000,000			Oct-17	\$1,000,000
D704BW39	Install Electronic Monitoring & Detection Systems	D03566	Design/Build	Jul-17	\$22,955,703	\$22,955,703			Dec-17	\$22,955,703
D704RK60	Install Electronic Monitoring & Detection Systems	D03647	PM Construction F/A	Jul-17	\$1,000,000	\$1,000,000			--	--
D704RK60	Install Electronic Monitoring & Detection Systems	D03648	Constr. QC and Admin.	Jul-17	\$2,263,689	\$2,263,689			Oct-17	\$2,263,689
D704RK60	Install Electronic Monitoring & Detection Systems	D03649	CSS	Jul-17	\$1,000,000	\$1,000,000			Oct-17	\$1,000,000
D704RK60	Install Electronic Monitoring & Detection Systems	D03650	Design/Build	Jul-17	\$34,270,492	\$34,270,492			Dec-17	\$34,270,492
				Jul-17 Total	\$67,717,134	\$67,717,134				
D702VN80	Prelim Design for Suspended Span Lower Level Deck	D03822	BC Development F/A	Aug-17	\$58,493	\$58,493			Oct-17	\$58,493
				Aug-17 Total	\$58,493	\$58,493				

MTA BRIDGES & TUNNELS
CAPITAL PROGRAM
2017 CAPITAL MILESTONE BACK-UP - PROJECT AWARDS

ACEP	Project Description	IMPACT Task	Task Description	Goal Start Date	Goal Value	Budget Value	Actual Start Date	Actual Value	Forecast Start Date	Forecast Value
D702RK23	Construction of New Harlem River Drive Ramp	D03632	PM Design F/A & RFP Dev.	Sep-17	\$500,000	\$500,000			Oct-17	\$500,000
D701RK22	Interim Repairs - FDR Ramp	D03625	PM Construction F/A	Sep-17	\$400,000	\$400,000			Oct-17	\$400,000
D701RK22	Interim Repairs - FDR Ramp	D03626	Construction Administration	Sep-17	\$2,300,000	\$2,300,000			Oct-17	\$2,300,000
D701RK22	Interim Repairs - FDR Ramp	D03627	CSS	Sep-17	\$600,000	\$600,000			Oct-17	\$600,000
D701RK22	Interim Repairs - FDR Ramp	D03628	Construction	Sep-17	\$20,000,000	\$20,000,000			Nov-17	\$20,000,000
D705RK58	Rehab Robert Moses Bldg & Ancillary Facilities	D03639	PM Design F/A	Sep-17	\$800,000	\$800,000			Oct-17	\$800,000
D705RK58	Rehab Robert Moses Bldg & Ancillary Facilities	D03640	Design	Sep-17	\$2,000,000	\$2,000,000			Oct-17	\$2,000,000
D601TN52	Miscellaneous Structural Rehabilitation	D03960	TN52-A1-Construction - Catwalk	Sep-17	\$4,800,000	\$4,800,000			Oct-17	\$4,800,000
D601TN52	Miscellaneous Structural Rehabilitation	D03961	TN52-A1-Const. Adm. - Catwalk	Sep-17	\$600,000	\$600,000	Sep-17	\$218,442		
D601TN52	Miscellaneous Structural Rehabilitation	D03963	TN52-A1-PM Construction F/A	Sep-17	\$220,000	\$220,000			Oct-17	\$220,000
D601TN52	Miscellaneous Structural Rehabilitation	D03964	TN52-A1-Flag Repairs	Sep-17	\$2,520,000	\$2,520,000	Sep-17	\$2,756,250		
				Sep-17 Total	\$34,740,000	\$34,740,000				
D704TN27	Install Service Building Alarm Systems & Upgrades (SBMP)	Dxx101	PM Construction F/A	Oct-17	\$90,000	\$90,000			Oct-17	\$90,000
D704TN27	Install Service Building Alarm Systems & Upgrades (SBMP)	Dxx102	SBMP Construction	Oct-17	\$892,500	\$892,500			Oct-17	\$892,500
D704TN27	Install Service Building Alarm Systems & Upgrades (SBMP)	Dxx103	Const. Adm.	Oct-17	\$106,911	\$106,911			Oct-17	\$106,911
D704TN27	Install Service Building Alarm Systems & Upgrades (SBMP)	Dxx104	CSS	Oct-17	\$78,750	\$78,750			Oct-17	\$78,750
				Oct-17 Total	\$1,168,161	\$1,168,161				
D704RK07	Electrical/Mechanical Rehab of HR Lift Span	D03582	PM Construction F/A	Nov-17	\$340,000	\$340,000			Nov-17	\$340,000
D704RK07	Electrical/Mechanical Rehab of HR Lift Span	D03583	Construction Administration	Nov-17	\$1,700,000	\$1,700,000			Nov-17	\$1,700,000
D704RK07	Electrical/Mechanical Rehab of HR Lift Span	D03584	CSS	Nov-17	\$340,000	\$340,000			Nov-17	\$340,000
D704RK07	Electrical/Mechanical Rehab of HR Lift Span	D03585	Design/Build	Nov-17	\$17,000,000	\$17,000,000			Nov-17	\$17,000,000
D704RK07	Electrical/Mechanical Rehab of HR Lift Span	D03586	Operations F/A	Nov-17	\$250,000	\$250,000			Nov-17	\$250,000
D701VN34	Main Cable & Suspender Rope Testing - Phase 1	D03755	PM Construction F/A	Nov-17	\$1,409,786	\$1,409,786			Nov-17	\$1,409,786
D701VN34	Main Cable & Suspender Rope Testing - Phase 1	D03756	Constr. QC and Adm.	Nov-17	\$3,374,592	\$3,374,592			Nov-17	\$3,374,592
D701VN34	Main Cable & Suspender Rope Testing - Phase 1	D03757	Design QA	Nov-17	\$700,000	\$700,000			Nov-17	\$700,000
D701VN34	Main Cable & Suspender Rope Testing - Phase 1	D03759	Design/Build (Main Cable & Susp Ropes)	Nov-17	\$33,745,920	\$33,745,920			Nov-17	\$33,745,920
				Nov-17 Total	\$58,860,298	\$58,860,298				
ED050302	Flood Mitigation	E03739	BWB Design	Dec-17	\$606,654	\$606,654			Dec-17	\$606,654
ED050302	Flood Mitigation	E04328	BWB PM Design F/A	Dec-17	\$301,250	\$301,250			Dec-17	\$301,250
ED050302	Flood Mitigation	E04448	CBB Design	Dec-17	\$141,750	\$141,750			Dec-17	\$141,750
ED050302	Flood Mitigation	E04449	CBB PM Design F/A	Dec-17	\$67,500	\$67,500			Dec-17	\$67,500
ED050302	Flood Mitigation	E04450	MPB Design	Dec-17	\$147,000	\$147,000			Dec-17	\$147,000

MTA BRIDGES & TUNNELS
CAPITAL PROGRAM
2017 CAPITAL MILESTONE BACK-UP - PROJECT AWARDS

ACEP	Project Description	IMPACT Task	Task Description	Goal Start Date	Goal Value	Budget Value	Actual Start Date	Actual Value	Forecast Start Date	Forecast Value
ED050302	Flood Mitigation	E04451	MPB Design F/A	Dec-17	\$70,000	\$70,000			Dec-17	\$70,000
ED050302	Flood Mitigation	E03768	RFK Design	Dec-17	\$116,550	\$116,550			Dec-17	\$116,550
ED050302	Flood Mitigation	E04446	RFK PM Design F/A	Dec-17	\$55,000	\$55,000			Dec-17	\$55,000
ED050302	Flood Mitigation	E03769	RMB Design	Dec-17	\$144,375	\$144,375			Dec-17	\$144,375
ED050302	Flood Mitigation	E04447	RMB PM Design F/A	Dec-17	\$68,750	\$68,750			Dec-17	\$68,750
ED050302	Flood Mitigation	E03740	TNB Design	Dec-17	\$255,959	\$255,959			Dec-17	\$255,959
ED050302	Flood Mitigation	E04327	TNB PM Design F/A	Dec-17	\$55,000	\$55,000			Dec-17	\$55,000
D701HH89	Skewback Retrofit	D03525	Mitigation	Dec-17	\$2,339,717	\$2,339,717			Dec-17	\$2,339,717
D702RK65	Reconstruct Manhattan Toll Plaza Structure & Ramps	D03653	PM Design F/A	Dec-17	\$500,000	\$500,000			Dec-17	\$500,000
Dec-17 Total					\$4,869,505	\$4,869,505				
Grand Total					\$490,750,758	\$462,681,253				
Unplanned Commitments										
D706AW28	Scope Development	D03852	Scope Dev-HH14 (PSC-12-2891L/WO #92)			\$195,828	Jan-17	\$195,828		
D703AW63	Replace Toll Equipment & New Toll Initiatives	D03930	ORT-RFK Kapsch 07-IAG-2782A			\$193,344	Jan-17	\$193,344		
D703AW63	Replace Toll Equipment & New Toll Initiatives	D03929	ORT-CBB Kapsch 07-IAG-2782A			\$95,333	Jan-17	\$95,333		
D706AW28	Scope Development	D03922	RKBx Trss Span-Fire Vul(PSC-12-2891L/WO90)			\$102,263	Jan-17	\$102,263		
D703HC63	Open Road Tolling Initiative at HLCT	D03944	TEB Protection -Design QA			\$4,070	Feb-17	\$4,070		
D703HC63	Open Road Tolling Initiative at HLCT	D03945	TEB Protection -Construction QA			\$11,510	Feb-17	\$11,510		
D703AW63	Replace Toll Equipment & New Toll Initiatives	D03887	ORT-BBT Transmit			\$61,159	Feb-17	\$61,159		
D703AW63	Replace Toll Equipment & New Toll Initiatives	D03928	ORT-MPB Kapsch 07-IAG-2782A			\$97,267	Feb-17	\$97,267		
D703AW63	Replace Toll Equipment & New Toll Initiatives	D03931	ORT-BWB Kapsch 07-IAG-2782A			\$111,938	Feb-17	\$111,938		
D703AW63	Replace Toll Equipment & New Toll Initiatives	D03932	ORT-TNB Kapsch 07-IAG-2782A			\$121,154	Feb-17	\$121,154		
D703AW63	Replace Toll Equipment & New Toll Initiatives	D03933	ORT-VNB Kapsch 07-IAG-2782A			\$153,236	Feb-17	\$153,236		
D703HH88	Toll Plaza & Southbound Approach Reconstruction	D03886	CM Demolition UL/LL Tollbooths (PSC-14-2950)			\$44,138	Feb-17	\$44,138		
ED010301	Hugh Carey Tunnel Mitigation-Perimeter Work	E04036	Construction Quality Oversight			\$1,150,949	Feb-17	\$1,150,949		
ED010301	Hugh Carey Tunnel Mitigation-Perimeter Work	E04037	Design Quality Oversight			\$407,042	Feb-17	\$407,042		
ED010304	Queens Midtown Tunnel Mitigation-Flood Gates & Other Work	E04047	Construction Quality Oversight			\$840,193	Feb-17	\$840,193		
ED010304	Queens Midtown Tunnel Mitigation-Flood Gates & Other Work	E04048	Design Quality Oversight			\$297,141	Feb-17	\$297,141		
ED050303	Hugh Carey Tunnel -GIVB Mitigation-Raise Seawalls	E04056	Construction Quality Oversight			\$299,247	Feb-17	\$299,247		
ED050303	Hugh Carey Tunnel -GIVB Mitigation-Raise Seawalls	E04057	Design Quality Oversight			\$105,831	Feb-17	\$105,831		
ED060201	Sandy Program Administration	E04177	2017 Grants Management (TBTA-E2777)			\$1,000,000	Feb-17	\$1,000,000		
ED060201	Sandy Program Administration	E04178	2017 E & C Support (TBTA-E2778)			\$1,000,000	Feb-17	\$1,000,000		
D703HC63	Open Road Tolling Initiative at HLCT	D03941	Dsgn for OHVD Syst-BBT(PSC15-2980B/WO#3			\$208,837	Mar-17	\$208,837		
D703QM63	Open Road Tolling Initiative at QMT	D03942	Dsgn for OHVD Syst-QMT(PSC15-2980B/WO#3			\$315,325	Mar-17	\$315,325		
D703QM63	Open Road Tolling Initiative at QMT	D03913	ORT-PM Const F/A (TBTA-D1963)			\$680,000	Mar-17	\$680,000		
D703QM63	Open Road Tolling Initiative at QMT	D03971	ORT-Asb. AbateConduit Remv.(ETS/12HS2894C			\$147,265	Mar-17	\$147,265		

Master Page # 76 of 86 - Bridges & Tunnels Committee Meeting 10/23/2017

MTA BRIDGES & TUNNELS
CAPITAL PROGRAM
2017 CAPITAL MILESTONE BACK-UP - PROJECT AWARDS

ACEP	Project Description	IMPACT Task	Task Description	Goal Start Date	Goal Value	Budget Value	Actual Start Date	Actual Value	Forecast Start Date	Forecast Value
D703QM63	Open Road Tolling Initiative at QMT	D03977	ORT-Proj. Monit. Cond.Rem(EPM/PSC-12-2907A/89			\$46,510	Mar-17	\$46,510		
D703QM63	Open Road Tolling Initiative at QMT	D03978	ORT-Proj. Monit. Cond.(L.B./PSC07-2907A			\$25,170	Mar-17	\$25,170		
D703QM63	Open Road Tolling Initiative at QMT	D03979	ORT-Air Monit. (ATC/PSC12-2907C/WO90			\$30,232	Mar-17	\$30,232		
D703QM63	Open Road Tolling Initiative at QMT	D04004	ORT-PM Const MaintF/A (TBTA-D1968)			\$323,700	Mar-17	\$323,700		
D705AW66	Operations Command Center Rehab/Replacement	D03489	PM Design/Construction F/A (TBTA-D1973)			\$710,063	Mar-17	\$710,063		
D703MP63	Open Road Tolling Initiative at MPP	D04008	ORT-PM Const Maint F/A (TBTA-D1972)			\$100,772	Mar-17	\$100,772		
D703RK63	Open Road Tolling Initiative at RFK Bridge	D04006	ORT-PM Const Maint F/A (TBTA-D1971)			\$128,913	Mar-17	\$128,913		
D703VN63	Open Road Tolling Initiative at VNB	D04007	ORT-PM Const Maint F/A (TBTA-D1970)			\$100,163	Mar-17	\$100,163		
D703RK63	Open Road Tolling Initiative at RFK Bridge	D04003	ORT-PM ConstF/A (TBTA-D1966)			\$1,404,000	Mar-17	\$1,404,000		
D703VN63	Open Road Tolling Initiative at VNB	D03997	ORT-PM ConstF/A (TBTA-D1967)			\$921,500	Mar-17	\$921,500		
D703MP63	Open Road Tolling Initiative at MPB	D03987	ORT-PM ConstF/A (TBTA-D1965)			\$385,200	Mar-17	\$385,200		
D704RK21	Install Fire Standpipe/Upgrade Protection System	D04041	Design/Build Stipend (Picone)			\$35,000	Mar-17	\$35,000		
D703AW65	Toll Collection System Rehabilitation/Upgrades	D03952	Lighting Mockup BW			\$175,618	Mar-17	\$175,618		
D703BW63	Open Road Tolling Initiative at BWB	D04043	ORT-PM Const F/A (TBTA-D1982)			\$977,824	Mar-17	\$977,824		
D703BW63	Open Road Tolling Initiative at BWB	D04048	ORT-PM Const Maint F/A (TBTA-D1984)			\$95,875	Mar-17	\$95,875		
D703TN63	Open Road Tolling Initiative at TNB	D04059	Civil Construction (TN60)			\$19,056,765	Mar-17	\$19,056,765		
D703TN63	Open Road Tolling Initiative at TNB	D04056	ORT-PM Const F/A (TBTA-D1983)			\$1,571,171	Mar-17	\$1,571,171		
D703TN63	Open Road Tolling Initiative at TNB	D04061	ORT-PM Const Maint F/A (TBTA-D1985)			\$94,880	Mar-17	\$94,880		
D703HC63	Open Road Tolling Initiative at HLCT	D03907	ORT-PM Const F/A (TBTA-D1964)			\$680,000	Mar-17	\$680,000		
D703HC63	Open Road Tolling Initiative at HLCT	D04005	ORT-PM Const Maint F/A (TBTA-D1969)			\$223,500	Mar-17	\$223,500		
D702AWX1	Agency Wide Planning/Strategic Initiatives	D03980	HC11: Design & CSS			\$313,075	Apr-17	\$313,075		
D703HH88	Toll Plazas & Southbound Approach Reconstruction	D03892	HH88:ORT Gantry Conceptual Design			\$249,134	May-17	\$249,134		
D703HC63	Open Road Tolling Initiative at HLCT	D03906	HC63: ORT Design/CSS (PSC-12-2891L WO)			\$275,933	May-17	\$275,933		
D703QM63	Open Road Tolling Initiative at QMT	D03912	QM63:ORT Design/CSS (PSC-12-2891L WO)			\$477,968	May-17	\$477,968		
D703MP63	Open Road Tolling Initiative at MPP	D04002	ORT Civil Construction (CB99S)			\$1,243,200	May-17	\$1,243,200		
D702RK65	Reconstruct Manhattan Toll Plaza Structure and Ramps	D03656	RK65A: ORT Construction Administration			\$583,717	May-17	\$583,717		
D606AW22	Miscellaneous	D03981	Risk Assessment-RK07 PSC-15-2978B WO#4			\$102,596	May-17	\$102,596		
D701HH89	Skewback Retrofit	D04033	Stipend Halmar (HH89) PSC-16-2985A			\$166,000	May-17	\$166,000		
D701HH89	Skewback Retrofit	D04036	Stipend Judlau (HH89) PSC-16-2985B			\$166,000	May-17	\$166,000		
D701HH89	Skewback Retrofit	D04038	Stipend Skanska (HH89) PSC-16-2985D			\$166,000	May-17	\$166,000		
D701HH89	Skewback Retrofit	D04037	Stipend Kiewit (HH89) PSC-16-2985C			\$166,000	May-17	\$166,000		
D702AWX1	Agency Wide Planning/Strategic Initiatives	D04052	HC11 - PM Construction F/A (TBTA-D2008)			\$120,000	May-17	\$120,000		
D703AW65	Toll Collection System Rehab.	D03955	Lighting Mockup TN(TN task 26)			\$38,510	May-17	\$38,510		
D703RK63	Open Road Tolling Initiative at RFK Bridge	D03970	ORT-Design CSS Bronx/Queens RFK(PSC-11-2865)			\$2,457,524	Jun-17	\$2,457,524		
D703RK63	Open Road Tolling Initiative at RFK Bridge	D04075	Civil Construction-Phase 2 2Way Manhattan			\$6,344,919	Jun-17	\$6,344,919		
D703AW65	Toll Collection System Rehabilitation/Upgrades	D03976	ORT-CSS-Bridges PSC-16-2891 hwo4-HNTB			\$2,458,686	Jun-17	\$2,458,686		
D703TN63	Open Road Tolling Initiative at TNB	D04057	Construction Administration (PSC-15-2967)			\$1,611,245	Jun-17	\$1,611,245		
D703BW63	Open Road Tolling Initiative at BWB	D04044	Construction Admin (PSC-15-2966/ BW14/84C)			\$1,257,355	Jun-17	\$1,257,355		
D703HC63	Open Road Tolling Initiative at HLCT	D04010	Artwork-Kaynemaile			\$254,492	Jun-17	\$254,492		
D703QM63	Open Road Tolling Initiative at QMT	D04011	Artwork-Kynemaile			\$488,563	Jun-17	\$488,563		
D703HC63	Open Road Tolling Initiative at HLCT	D04012	Gateway Tower -Construction			\$17,134,980	Jun-17	\$17,134,980		
D703BW63	Open Road Tolling Initiative at BWB	D04093	BW63: Gateway Tower -Beacon Purchase			\$333,156	Jun-17	\$333,156		

MTA BRIDGES & TUNNELS
CAPITAL PROGRAM
2017 CAPITAL MILESTONE BACK-UP - PROJECT AWARDS

ACEP	Project Description	IMPACT Task	Task Description	Goal Start	Goal Value	Budget Value	Actual Start Date	Actual Value	Forecast Start	Forecast Value
				Date					Date	
D703HH63	Open Road Tolling Aesthetics	D04117	HH63:Gateway Tower -Beacon Purchase (BB28S)			\$333,156	Jun-17	\$333,156		
D703CB63	Open Road Tolling Initiative at CBB	D04095	CB63: Gateway Tower -Beacon Purchase			\$333,156	Jun-17	\$333,156		
D703MP63	Open Road Tolling Initiative at MPP	D04096	MP63: Gateway Tower -Beacon Purchase			\$333,156	Jun-17	\$333,156		
D703QM63	Open Road Tolling Initiative at QMT	D04090	QM63: Gateway Tower -Beacon Purchase			\$661,869	Jun-17	\$661,869		
D703RK63	Open Road Tolling Initiative at RFK Bridge	D04091	RK63: Gateway Tower -Beacon Purchase			\$661,869	Jun-17	\$661,869		
D703TN63	Open Road Tolling Initiative at TNB	D04094	TN63: Gateway Tower -Beacon Purchase			\$333,156	Jun-17	\$333,156		
D703VN63	Open Road Tolling Initiative at VNB	D04092	VN63: Gateway Tower -Beacon Purchase			\$333,156	Jun-17	\$333,156		
D703QM63	Open Road Tolling Initiative at QMT	D04087	Queens Portal Decluttering- Construction			\$1,411,295	Jun-17	\$1,411,295		
D703MP63	Open Road Tolling Initiative at MPP	D04024	Gateway Tower -Construction			\$4,938,899	Jun-17	\$4,938,899		
D703CB63	Open Road Tolling Initiative at CBB	D04027	Gateway Tower -Construction			\$4,938,899	Jun-17	\$4,938,899		
D703AW65	Toll Collection System Rehabilitation/Upgrades	D04082	Gateway Tower Design & CSS -HDR-PSC-16-2991			\$5,872,890	Jun-17	\$5,872,890		
D706AW22	Miscellaneous	D04040	TN49: Risk Assessment (PSC-16-2291G/WO#5)			\$294,095	Jul-17	\$294,095		
D703AW65	Toll Collection System Rehabilitation/Upgrades	D04104	VN-ORT CM-VN-MIT-01			\$6,217	Jul-17	\$6,217		
D703RK63	Open Road Tolling Initiative at RFK Bridge	D04018	Gateway Tower Construction			\$2,520,000	Jul-17	\$16,708,654		
D703RK63	Open Road Tolling Initiative at RFK Bridge	D04074	Civil Construction-Phase 2 Bronx			\$1,328,777	Jul-17	\$1,328,777		
D703QM63	Open Road Tolling Initiative at QMT	D04015	Gateway Tower -Construction			\$8,295,000	Jul-17	\$15,295,000		
D706AW22	Miscellaneous	D04098	VN89/30: Risk Assessment (PSC-16-2291G/WO#6)			\$77,692	Jul-17	\$77,692		
ED010301	Hugh Carey Tunnel Mitigation-Perimeter Work	E04026	BC Development F/A-TUN-MIT-01(TBTA-E2442)			\$76,038	Jul-17	\$76,038		
ED010301	Hugh Carey Tunnel Mitigation-Perimeter Work	E04097	Operations/ Maintenance F/A-(TBTA-E2918)			\$133,333	Jul-17	\$133,333		
ED010304	Queens Midtown Tunnel Mitigation-Perimeter Work&Flood Gates	E04113	Operations F/A-(TBTA-E2919)			\$133,333	Jul-17	\$133,333		
ED010304	Queens Midtown Tunnel Mitigation-Perimeter Work&Flood Gates	E04112	PM Construction F/A-(TBTA-E2922)			\$680,296	Jul-17	\$680,296		
ED050303	Hugh Carey Tunnel -GIVB Mitigation-Raise Seawalls	E04101	Operations F/A-(TBTA-E2920)			\$133,334	Jul-17	\$133,334		
ED010301	Hugh Carey Tunnel Mitigation-Perimeter Work	E04095	PM Construction F/A-(TBTA-E2921)			\$868,863	Jul-17	\$868,863		
ED050303	Hugh Carey Tunnel -GIVB Mitigation-Raise Seawalls	E04100	PM Construction F/A-(TBTA-E2923)			\$741,120	Jul-17	\$741,120		
D703AW63	Replace Toll Equipment & New Toll Initiatives	D04109	ORT-CB Design-Jacobs PSC-13-2941A			\$182,603	Jul-17	\$182,603		
D703AW63	Replace Toll Equipment & New Toll Initiatives	D04108	ORT-MP Design-Jacobs PSC-13-2941A			\$182,603	Jul-17	\$182,603		
D706AW22	Miscellaneous	D04009	QM81: Risk Assessment (PSC-16-2291G/WO#2)			\$78,738	Aug-17	\$78,738		
D706AW22	Miscellaneous	D04128	HC07,64,30/QM91: RA (PSC-16-2291G/WO#8)			\$219,358	Aug-17	\$219,358		
D505QM02	QM01 Phase 5 Rehabilitation(SBMP)	D04101	Construction Admin. Phase 5 (PSC15-2973C WO#18)			\$232,280	Sep-17	\$232,280		
D703RK63	Open Road Tolling Initiative at RFK Bridge	D04019	Gateway Tower Design and CSS (PSC14-2957)			\$73,090	Sep-17	\$73,090		
D703RK63	Open Road Tolling Initiative at RFK Bridge	D04073	Design Phase 2 Bronx Relocation & 2 Way Manhattan			\$551,475	Sep-17	\$551,475		
D705AW66	Operations Command Center Rehab/Replacement	D04136	OCCC Workstation Computer Eq.-Compulink			\$17,470	Sep-17	\$17,470		
				Grand Total	\$490,750,758	\$570,797,448	YTD Total	\$479,852,071	Remaining	\$161,693,591
								Grand Total	\$641,545,662	

Master Page # 78 of 86 - Bridges & Tunnels Committee Meeting 10/23/2017

MTA Bridges and Tunnels: Status of 2016 Major Commitments as of April 30, 2017

Project	Budget (\$ in Millions)			Award Date			Notes
	2016 Goal	Actual / Forecast*	Budgeted Value	2016 Goal	Advertisement Date	Actual / Forecast	
D704RK21 Installation of Fire Standpipe & Upgrade of Fire Protection System	\$17.0	\$19.4	\$17.0	Dec-16	N/A	Mar-17	A

MTA BRIDGES & TUNNELS
CAPITAL PROGRAM
2016 CAPITAL MILESTONE BACK-UP - PROJECT AWARDS

ACEP	Project Description	IMPACT Task	Task Description	Original Start Date	Goal Start	Goal Value	Budget Value	Actual Start Date	Actual Value	Forecast Start Date	Forecast Value
					Date						
D701HH89	Skewback Retrofit	D03522	Constr. Quality Oversight PSC-15-2973 wo4	Dec-16	Jan-17	\$2,328,548	\$2,328,548	Jan-17	\$2,328,548		
D703HH88	Reconstruction of Toll Plazas and Southbound Approach	D03793	Construction Adm.(PSC-16-2986)	Nov-16	Jan-17	\$7,095,465	\$6,000,000	Mar-17	\$7,095,465		
D704HH13	Replacement of Facility Lighting System	D03780	Construction Adm.(PSC-16-2986)	Nov-16	Jan-17	\$463,664	\$800,000	Mar-17	\$463,664		
D704RK21	Installation of Fire Standpipe & Upgrade of Fire Protection System	D03396	Constr. QC and Admin. (PSC-15-2973)	Nov-16	Jan-17	\$981,678	\$981,678	Jan-17	\$981,678		
					Jan-17 Total	\$10,869,355	\$10,110,226				
D701BW07	Fender Protection around Tower Piers (Const)	D03808	10% Design & D/B RFP Development	Jun-16	Feb-17	\$1,500,000	\$1,500,000	May-17	\$73,270		
D704BW32	Installation of Fire Standpipe Connections	D03545	10% Design & RFP Dev.	Jun-16	Feb-17	\$200,000	\$200,000	May-17	\$210,000		
D704RK21	Installation of Fire Standpipe & Upgrade of Fire Protection System	D03397	Design/Build	Dec-16	Feb-17	\$17,043,254	\$17,043,254	Mar-17	\$19,425,000		
					Feb-17 Total	\$18,743,254	\$18,743,254				
D701CB18	CB Scour Protect/Repair/Rpl CB/MP Pier Fender Sys	D03569	PM Design F/A & D/B RFP Dev.	Jul-16	Mar-17	\$609,901	\$609,901	Jul-17	\$609,901		
D704BW39	Install Electronic Monitoring & Detection Systems	D03558	PM Const.F/A	Aug-16	Mar-17	\$1,000,000	\$1,000,000	May-17	\$250,000		
D704RK60	Install Facility-wide Electronic Monitoring & Detection Systems	D03647	PM Construction F/A	Aug-16	Mar-17	\$1,000,000	\$1,000,000	May-17	\$250,000		
D701RK20	Main Bridge Cable Inspection and Rehabilitation	D03607	PM Design F/A	Sep-16	Mar-17	\$865,929	\$865,929	Mar-17	\$750,243		
					Mar-17 Total	\$3,475,830	\$3,475,830				
D704HC30	Install Smoke Detection/Alarm Systems-HCT Vent & Svc. Bldgs.	D03705	PM Design F/A & D/B RFP Dev.	Sep-16	Apr-17	\$200,000	\$200,000	Aug-17	\$210,881		
D704HC64	Brooklyn Service Building Electrical Rehab.	D03735	PM Design F/A & D/B RFP Dev.	Sep-16	Apr-17	\$224,973	\$224,973	Jul-17	\$224,973		
D704QM91	Install Smoke Detection/Alarm Systems-QMT Vent & Svc. Bldgs.	D03571	PM Design F/A & D/B RFP Dev.	Sep-16	Apr-17	\$200,000	\$200,000	Aug-17	\$251,492		
D707VN49	Painting of Suspended Span Upper & Lower Level Steel & Truss	D03827	In-House Design F/A	Oct-16	Apr-17	\$285,000	\$285,000			Oct-17	\$285,000
					Apr-17 Total	\$909,973	\$909,973				
D603AW35	Replacement of Weather Information Systems	D02480	3rd Pty-Furnish/install		Jun-17	\$1,871,967	\$1,871,967			Oct-17	\$1,871,967
D603AW35	Replacement of Weather Information Systems	D03326	Capital Materials Purchase		Jun-17	\$25,000	\$25,000			Oct-17	\$25,000
					Jun-17 Total	\$1,896,967	\$1,896,967				
D705RK58	Rehabilitation of the Robert Moses Bldg and Ancillary Facilities	D03639	PM Design F/A		Sep-17	\$800,000	\$800,000			Oct-17	\$800,000
D704RK21	Installation of Fire Standpipe & Upgrade of Fire Protection System	D03398	Operations F/A		Sep-17	\$243,331	\$243,331			Oct-17	\$243,331
					Sep-17 Total	\$1,043,331	\$1,043,331				
					Grand Total	\$36,938,710	\$36,179,581				
					Grand Total	\$36,938,710	\$36,179,581	YTD Total	\$33,125,115	Remaining	\$3,225,298
										Grand Total	\$36,350,413

Master Page # 80 of 86 - Bridges & Tunnels Committee Meeting 10/23/2017

MTA BRIDGES & TUNNELS
 CAPITAL PROGRAM
 2016 PROJECT COMPLETIONS

Project ID (ACEP)	Project Description	Type	Original Goal End Date	Goal End Date	Goal Value	Budgeted Value	Actual End Date	Actual Value	Forecast End Date	Forecast Value
D603AW48	2nd Generation E-Zpass In-Lane	Study	Aug-16	Mar-17	\$3,533,142	\$3,533,142			Sep-18	\$3,533,142
				Mar-17 Total	\$3,533,142	\$3,533,142				
				Grand Total	\$3,533,142	\$3,533,142				

* Forecast is equal to the project's most recently validated estimate at completion (EAC).



Bridges and Tunnels

Procurements October 2017



MTA BRIDGES & TUNNELS
TRIBOROUGH BRIDGE AND TUNNEL AUTHORITY

WHEREAS, in accordance with §559 and §2879 of the Public Authorities Law and the All Agency Procurement Guidelines, the Board authorizes the award of certain non-competitive purchase and public work contracts, and the solicitation and award of request for proposals in regard to purchase and public work contracts; and

WHEREAS, in accordance with §2879 of the Public Authorities Law and the All Agency Procurement Guidelines, the Board authorizes the award of certain non-competitive miscellaneous procurement contracts, and certain changes orders to procurement, public work, and miscellaneous procurement contracts; and

WHEREAS, in accordance with § 2879 of the Public Authorities Law and the All Agency Guidelines for Procurement of Services, the Board authorizes the award of certain service contracts, and certain change orders to service contracts; and

NOW, the Board resolves as follows:

1. As to each purchase and public work contract set forth in annexed Schedule A, the Board declares competitive bidding to be impractical or inappropriate for the reasons specified therein and authorizes the execution of each such contract.
2. As to each request for proposals (for purchase and public work contracts) set forth in Schedule B for which authorization to solicit proposals is requested, for the reasons specified therein, the Board declares competitive bidding to be impractical or inappropriate, declares it is in the public interest to solicit competitive request for proposals and authorizes the solicitation of such proposals.
3. As to each request for proposals (for purchase and public work contracts) set forth in Schedule C for which a recommendation is made to award the contract, the Board authorizes the execution of said contract.
4. The Board ratifies each action set forth in Schedule D for which ratification is requested.
5. The Board authorizes the execution of each of the following for which Board authorization is required: i) the miscellaneous procurement contracts set forth in Schedule E; ii) the personal service contracts set forth in Schedule F; iii) the miscellaneous service contracts set forth in Schedule G; iv) the modifications to personal/miscellaneous service contracts set forth in Schedule H; the contract modifications to purchase and public work contracts set forth in Schedule I; and vi) the modifications to miscellaneous procurement contracts set forth in Schedule J.
6. The Board ratifies each action taken set forth in Schedule K for which ratification is requested.
7. The Board authorizes the budget adjustments to estimated contracts set forth in Schedule L.

LIST OF COMPETITIVE PROCUREMENTS FOR BOARD APPROVAL
OCTOBER 2017

MTA BRIDGES & TUNNELS

Procurements Requiring Majority Vote:

I: Modifications to Purchase and Public Works Contracts

(Approvals/Staff Summaries required for individual change orders greater than \$750K. Approvals without Staff Summaries required for change orders greater than 15% of previous approved amount which are also at least \$250K)

- | | | |
|--|-----------------------|--------------------------------------|
| 1. Tutor Perini Corp.
Contract No. VN-80B | \$1,740,928.91 | <u>Staff Summary Attached</u> |
|--|-----------------------|--------------------------------------|

5 yr. Contract- Competitive Bid

B&T is seeking the Board's approval under the All Agency General Contract Procurement Guidelines to modify Contract VN-80B for work associated with unlocking the Lower Level Roadway finger joints.

Schedule I: Modifications to Purchase and Public Works Contracts

Item Number: 1 (Final)

Vendor Name (& Location) Tutor Perini Corp.	Contract Number VN-80B	AWO/Modification #
Contract Title: Replacement of the Upper Level Roadway Deck Suspension Span at the Verrazano-Narrows Bridge		
Contract Term (including Options, if any) November 29, 2012 – November 28, 2017	Original Amount:	\$235,728,000.00
Option(s) included in Total Amount? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Prior Modifications:	\$65,047,778.83
Procurement Type <input checked="" type="checkbox"/> Competitive <input type="checkbox"/> Non-competitive	Prior Budgetary Increases:	N/A
Solicitation Type <input type="checkbox"/> RFP <input checked="" type="checkbox"/> Bid <input type="checkbox"/> Other:	Current Amount:	\$300,775,778.83
Funding Source <input type="checkbox"/> Operating <input checked="" type="checkbox"/> Capital <input type="checkbox"/> Federal <input type="checkbox"/> Other:	This Request:	\$1,740,928.91
Requesting Dept/Div & Dept/Div Head Name: Engineering & Construction, Joe Keane, P.E.	% of This Request to Current Amount:	0.6%
	% of Modifications (including This Request) to Original Amount:	28.3%

Discussion:

B&T is seeking the Board's approval under the All-Agency Procurement Guidelines to modify this contract with Tutor Perini Corp. (TPC) for work associated with unlocking the Lower Level Roadway finger joints in an amount of \$1,740,928.91.

As the Board was notified in July 2017, during the 2016 Biennial inspection, it was discovered that the Brooklyn tower main span lower level finger joints were not performing as designed. The finger joints are original construction and have been in service for almost fifty years and showed signs of corrosion. This created a yellow flag condition which required immediate intervention by the Authority and on-site contractor, TPC. Under the first phase of work the Contractor was requested to perform these urgent repairs to free joints that had locked in place since they had the skilled workforce already on-site and ability to organize a crew quickly to expedite the repair in order to ensure the proper serviceability of the bridge was maintained. The work scope included: (i) providing temporary bearing plate extensions adjacent to the existing twenty-four (24) bearings for the Lower Roadway; (ii) providing bearing extension brackets; (iii) unlocking the Lower Level Roadway's Main Span finger joints by cleaning and sawcutting the interface between each finger; (iv) decoupling the finger joints by removing each joint assembly and replacing it with a refurbished joint assembly salvaged from Contract work on the Upper Level; (v) cleaning the Staten Island Tower Lower Roadway Main Span and Side Span finger joints and (vi) removing temporary sand drums and installing temporary concrete barriers at the finger joint locations on the lower level at both the Staten Island & Brooklyn Towers.

We stated in the July Board item that these urgent repairs for freeing of the joints would be performed under a future amendment initially estimated at \$1,500,000, but at that time not all subcontractor costs associated with this work were fully known. TPC submitted a final cost which totaled \$1,740,928.91. The Engineer's estimate is \$1,750,591.53. Based on comparison to the estimate the proposed amendment amount of \$1,740,928.91 is determined to be fair and reasonable.

Funding for this amendment is available in the 2010-2014 Capital Program under Project D602VN80 Construction, Phase II Deck (Task D02783).

In connection with a previous contract awarded to the Contractor, TPC (not their subsidiaries or affiliates) was found to be responsible notwithstanding significant adverse information (SAI) pursuant to the All-Agency Responsibility Guidelines and such responsibility finding was approved by the MTA Chairman/CEO in consultation with the MTA General Counsel on February 11, 2017. No new SAI has been found related to the Contractor and TPC has been found to be responsible.