



Metropolitan Transportation Authority

Bridges and Tunnels Committee Meeting

June 2017

Committee Members

C. Moerdler, Chair

I. Greenburg

M. Pally

J. Samuelsen

P. Trottenberg

V. Vanterpool

P. Ward

N. Zuckerman

Bridges & Tunnels Committee Meeting

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

**Monday, 6/19/2017
11:30 AM - 12:00 PM ET**

1. Public Comments Period

2. Approval of Minutes - May 2017

BT Committee Minutes - May 2017 - Page 3

3. Approval of Committee Work Plan

BT Committee Work Plan - Page 12

4. Report on Operations - April 2017

BT Report on Operations - April 2017 - Page 19

5. Safety Report - April 2017

BT Safety Report - April 2017 - Page 32

6. E-ZPass Performance Report - April 2017

BT E-ZPass Performance Report - April 2017 - Page 34

7. Financial Report - April 2017

BT Financial Report - April 2017 - Page 40

8. Capital Program Project Status Report - May 2017

BT Capital Program Project Status Report - May 2017 - Page 54

9. Procurements

BT Procurements - June 2017 - Page 71

Competitive

BT Competitive - Page 74

Next Meeting: Monday, July 24, 2017 at 12:00 p.m.



Bridges and Tunnels

Minutes of Committee Meeting May 2017

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

May 22, 2017

12:00 p.m.

In attendance were the Honorable:

Mitchell H. Pally
Ira Greenberg
Veronica Vanterpool

Also in Attendance:
Andrew Albert
David Jones

Tim Mulligan, Acting President
Dore Abrams, Director, Operating Budget
Brian Bajor, Acting Vice President and Chief Procurement Officer
Angelo Cerbone, Assistant Vice President and Controller
Julia R. Christ, Deputy General Counsel
Mildred Chua, Vice President and Chief Financial Officer
Daniel DeCrescenzo, Acting Vice President and Chief of Operations
Romolo DeSantis, Deputy Chief Engineer
Sharon Gallo-Kotcher, Vice President, Labor Relations, Administration and Employee Development
Shawn Moore, Chief Equal Employment Opportunity Officer
Eric Osnes, Vice President, Safety and Health
Patrick J. Parisi, Vice President, Maintenance and Operations Support
Albert Rivera, Acting Executive Vice President
Aris Stathopoulos, Deputy Chief Engineer

MONTHLY MEETING OF TRIBOROUGH BRIDGE AND TUNNEL AUTHORITY COMMITTEE

May 22, 2017

Minutes of TBTA Committee held May 22, 2017 at 12:00 p.m. A list of those in attendance is attached.

Public Speakers

There was one public speaker. Murray Bodin stated that he would be meeting with TBTA Acting President Tim Mulligan to discuss new ideas to make things safer and he complimented TBTA staff for listening and making positive changes for the future.

Minutes

The Committee members who were present at the Committee Meeting considered and voted to approve the minutes of the Committee Meeting held on April 24, 2017, although a Committee Quorum was not present.

Committee Work Plan

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

Acting President Mulligan's Opening Remarks

Mr. Mulligan stated that the Marine Parkway – Gil Hodges Memorial Bridge (MPB) and the Cross Bay Veterans Memorial Bridge (CBB) were converted to cashless Open Road Tolling (ORT) on April 30, 2017 and that the responses from customers and the communities uniquely served by those facilities has been very positive. Mr. Mulligan announced that early this summer, the Robert F. Kennedy Bridge (RFKB) will be going live with ORT.

In addition, in noting that Patrick Parisi will report on the statistics from the Customer Environment Survey for the First Quarter that includes assistance provided to customers, Mr. Mulligan stated that there is a story behind those statistics that happened in late April at the Queens Midtown Tunnel (QMT) when personnel responded to a stopped vehicle. Upon interviewing the driver, staff observed that the driver appeared to be disoriented and after checking the vehicle's license plate it was discovered that the driver had been reported missing days before from another state. Because of their commendable actions, the driver was safely reunited with family.

Report on Operations

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

In March 2017, traffic was lower with 24.6 million crossings as compared to 25.7 million crossings in March 2016, which represents a 4.3% decrease; snowfall amounts totaled 9.8 inches in March 2017 versus snowfall amounts of 1.8 inches in March 2016; E-ZPass volume decreased in March 2017 by 2.1% as compared to March 2016, while crossings using cash and other payment methods decreased by 18.1%; passenger car travel decreased 4.3% and other vehicle travel decreased 4.2%. A contributing factor to the decline in travel was the March 14, 2017 Winter Storm Stella, which brought 7.4 inches of snow and an 82% reduction in traffic. Preliminary traffic figures for April 2017 are 0.5% lower than in April 2016. Commissioner Pally commented that it will be interesting to see what effect ORT will have on the RFKB because it is bigger, diverse and has a complicated layout.

Customer Environment Survey – First Quarter 2016

During the First Quarter of 2016, Mr. Parisi reported the following:

- TBTA striped 68,327 linear feet of roadway in the First Quarter of 2017 compared to 5,652 linear feet striped in the First Quarter of 2016.

- TBTA repaired 1,109 potholes in the First Quarter of 2017 due to fewer freeze thaw cycles as compared to 2,069 potholes in the First Quarter of 2016.
- TBTA swept 3,033 miles of roadway in the First Quarter of 2017 as compared to 3,287 miles swept in the First Quarter of 2016.
- Approximately 91.5% of the roadway/aviation/navigation and necklace lights were operational, which was slightly above the 89.2% that was achieved in the First Quarter of 2016. A new metric is the progress of the conversion of more than 8,000 roadway/aviation/navigation and necklace lights to LED (light-emitting diode). To date, 29% of these lights have been converted to LED.
- TBTA maintained and cleaned 155 storm drains in the First Quarter of 2017 as compared to 342 in the First Quarter of 2016. Projects such as the upper level deck replacement at the Verrazano-Narrows Bridge (VNB) have replaced over 266 drains with new and wider eight (8) inch outlet drains that require less maintenance.
- A new metric is roadway assistance provided by wreckers and patrols. During the First Quarter of 2017, 2,105 customers were provided with roadway assistance of which nearly 67% were responses to disabled vehicles.
- For the First Quarter of 2017, E-ZPass toll lane availability remained high at 99.99% and newly installed cashless/ORT system availability was at 100%.
- For the First Quarter of 2017, travel time at the cashless/ORT facilities (Hugh Carey Tunnel, Queens Midtown Tunnel and the Henry Hudson Bridge) has shown significant improvements of between 10% and 20% as compared to pre-cashless/ORT travel times.
- On April 30, 2017, the MPB and CBB were converted to cashless ORT.
- During the First Quarter of 2017, the collision rate per million vehicles was 6.87 as compared to 5.95 for the First Quarter of 2016 and the collision with injuries rate per million vehicles was .92 during the First Quarter of 2017 as compared to .89 for the First Quarter of 2016. More than 55% of the collisions were rear end collisions as compared to 50% in the First Quarter of 2016. Following too closely and driver inattention accounted for 90% of the rear end collisions. The rear end collisions were evenly disbursed throughout the day with the PM Peak period (3P-7P) slightly higher at 32%. For the First Quarter of 2017, the Verrazano-Narrows Bridge accounted for more than 34% of rear end collisions.

Safety Report

With regard to the Report on Safety for March 2017, Mr. Osnes stated that the 12 month average customer collision rate increased from 7.74 in February 2017 to 7.78 in March 2017, which is also higher than the March 2016 rate of 6.23. The 12 month average collision with injury rate decreased from 1.10 in February 2017, which was higher than the March 2016 customer injury rate of 1.02. Mr. Osnes also stated that the previously reported January and February collision with injury rates have been corrected due to a misapplication of the definition. Collision with injuries are when customers are transported from TBTA facilities for medical attention. Based on this correction, the January 12 month average collision with injury rate decreased to 1.09 from the reported 1.12, and February's rate decreased to 1.10 from the reported 1.14.

Customer Environment Survey – First Quarter 2016 - Continued

Mr. DeCrescenzo continued the Customer Environment Survey by referring to last month's Committee Meeting where one of TBTA's strategies in collision reduction is targeted enforcement efforts based on collision data. In May, TBTA began a formal process of providing descriptive collision data to its Special Operations Division (SOD) for strategic deployment of Highway units to target speeding and other unsafe driving behaviors for greater enforcement. SOD also reviews the collision data daily for targeted enforcement by redeploying or splitting the deployment of Highway unit resources if needed to address immediate

situational needs and priorities. These combined efforts are specifically geared toward unsafe driver behaviors which are the cause of many of these collisions.

Speeding summonses issued for April year-to-date totaled 1,615, which is lower than 2016 levels due to redeployment of Highway units to conduct persistent toll violator enforcement at the Queens Midtown (QMT) and Hugh Carey Tunnels for the start of cashless tolling. Speeding summonses were 516 in March 2017 compared to 625 in March 2016 and 564 in April 2017 compared to 704 in April 2016.

There were 2,657 disobey traffic control device summonses issued, which was up 43.2% from the same period in 2016. There were 757 of these summonses issued in March 2017 compared to 519 issued in March 2016.

There were 372 unsafe lane change summonses issued, which was up 7.8% from the same period in 2016. There were 132 of these summonses issued in March 2017 compared to 112 in March 2016.

There were 643 cellphone/electronic device use summonses issued, which was up 22% from the same period in 2016. There were 202 issued in March 2017 compared to 106 in March 2016.

Year to date collectively, these four summons categories are up 18.8% when compared through May of 2016.

Through April 2017 versus January to April 2016, there has been an increase of 26.4% of total summonses issued and a 19.1% increase in arrests.

TBTA has taken additional steps regarding its collision reduction and safety plan. It has formalized each Command's monthly Collision Task Force meetings, which are attended by the Facility management team and representatives from SOD and Safety and Health. ACROBAT (Achieving Collision Reduction on Bridges and Tunnels) meetings are held once a quarter, rather than twice a year, to review collisions, report on and coordinate collision reduction action items, and to identify best practices and lessons learned between facilities. Mr. DeCrescenzo also stated that TBTA will continue to analyze and identify new trends based on the collision data to properly deploy resources and be proactive in action and safety planning.

Commissioner Albert asked whether the collision data is based on accidents where police reports have been made. Mr. DeCrescenzo responded that the data is based on the reports. With regard to the Safety Report and especially data on rear-end collisions, Commissioner Pally commented that it will be interesting to see if these collisions will be reduced with ORT and the reconfiguration of the roadways because drivers will no longer have to be in a specific lane for a specific purpose. Commissioner Albert asked whether there will be a reduction of speed going through ORT facilities and Mr. DeCrescenzo responded that the speed limit will not be reduced. Commissioner Pally then commented that it will be interesting to see whether the issuance of speeding summonses will go up. He also asked what impact there is on vehicles traveling through the QMT westbound to Manhattan at higher speeds from having an intersection with a traffic light in Manhattan and whether there have been traffic backups into the QMT. Mr. DeCrescenzo stated that TBTA works with its own officers as well as City Traffic Enforcement Agents to keep traffic moving through the light and through the neighboring area. Mr. Parisi also stated that during peak periods there has been a 16% increase in travel time through the QMT. Mr. Mulligan mentioned that at the CBB there is a similar traffic light configuration and TBTA is working with DOT on changing the timing of the light to keep traffic moving. Commissioner Albert asked whether there are posted speed limit signs on both sides of the QMT to alert motorists to the change in speed limit when approaching City streets. Mr. DeSantis stated that the speed limit signs are posted on both sides and changes in speed limit are posted as motorists approach City streets.

Safety Report - Continued

Mr. Osnes continued the Safety Report by stating that the employee lost time injury rate increased from 6.6 in February 2017 to 7.5 in March 2017, this is higher than the March 2016 rate of 4.9. There was a significant increase in the month of March, where a large portion of total lost time injuries can be attributed to weather related events specific to Winter Storm Stella. A melt coupled with a refreeze produced conditions along paths of travel causing falls.

E-ZPass Performance Report

With regard to the E-ZPass Performance Report for March 2017, Ms. Chua stated that the E-ZPass market share was 88.2%, the highest one month market share ever, which was 2.0 percentage points higher than the prior March. The average weekday market share at the tunnels, where TBTA has targeted its marketing efforts for ORT, increased by approximately 3.5 percentage points with the HCT market share at 95.5% and the QMT market share at 94.7%. Five facilities, Henry Hudson Bridge (HHB), HCT, MPB, QMT and VNB, are above 90% on an average weekday and 24,396 E-ZPass accounts were opened in March 2017. Commissioner Albert suggested once ORT has been implemented and fully established that a monthly report should be given indicating the collection rate between Tolls by Mail and E-ZPass and he asked what that rate is at the HHB. Mr. Abrams responded that preliminary results at both the QMT and HCT look very much like the HHB where we are collecting around two-thirds of the Tolls by Mail transactions. Commissioner Albert also inquired whether after some time of non-payment the New York State Department of Motor Vehicles (NYS DMV) will send out notices of possible registration suspension. Mr. Mulligan responded that it is escalating intervention and when registrations are suspended the vehicle owners need to address the matter in order to clear the suspension. Commissioner Albert also inquired about cooperation among other states regarding registration suspension. Mr. Mulligan responded that the recently adopted State budget enabled NYS DMV to pursue reciprocity agreements with other states and those negotiations are on-going. Commissioner Vanterpool asked which states are being pursued for DMV reciprocity agreements. Mr. Mulligan responded Massachusetts, Maine and Pennsylvania and he would find out the status of an agreement with New Jersey. He stated that Connecticut is a different case because they have a statutory issue around authorization for that negotiation and they do not charge tolls. He also stated that NYS DMV is handling the reciprocity agreement negotiations and that TBTA is anxious to get those agreements in place.

Financial Report

Ms. Chua stated that the March 2017 year-to-date toll revenue was \$421.7 million, which is \$0.39 million or 0.1% better than budget. Traffic year to date through March 2017 was 69.6 million crossings, which is 1.0 million or 1.4% better than plan. Preliminary April 2017 traffic is up around 0.3% against plan and toll revenue is around 1.4% lower than budget primarily due to a greater number of lower-tolled E-ZPass transactions compared to higher-tolled cash and Tolls by Mail transactions than initially forecasted. Total year-to-date expenses was \$117.1 million, which is \$5.9 million or 4.8% lower than plan. Labor costs were \$67.7 million or 8.3% lower than plan due to payroll vacancies. Non-Labor costs were slightly above budget by about \$0.24 million or 0.5% due to timing of bond issuance costs. Overtime was at about the same level as planned for the month of March, \$3,000 higher due to the timing of capital project work that is reimbursable from the Capital Program. Total support to mass transit was \$243.4 million, which is \$21.6 million or 9.8% better than plan.

Capital Program Status Report

With regard to the Capital Program Status Report for April 2017, Mr. DeSantis stated that six (6) commitments were made with a total value of \$88.0 million, which compares to a monthly plan of 17 commitments with a total value of \$185.6 million. Major commitments at the HHB include HH-88 toll plazas and southbound approach reconstruction for \$73.0 million and HH-13 replacement of the facility lighting system for \$10.0 million. Year to date 75 commitments have been made for a total value of \$277.8 million, which is 52.7% of the \$527.7 million annual commitment plan. This compares to a planned cumulative year to date amount of 54 commitments with a value of \$340.5 million. There was one project completion for \$7.3 million, which was a flood mitigation project to relocate revenue equipment at the VNB. There were two (2) task level closeouts in April totaling \$1.3 million and year to date there have been 35 task level closeouts totaling \$87.8 million. Commissioner Pally asked when the main construction on the upper level of the VNB will be completed. Mr. Stathopoulos responded that the construction to add a seventh lane on the upper level is substantially completed. There are on-going construction projects involving ORT at the toll plaza and major maintenance. On the Brooklyn side of the VNB the bus HOV ramp was completed earlier this year.

Procurements

For May 2017, Mr. Bajor stated that there are seven (7) procurements totaling \$26.464 million.

Non-Competitive Procurements

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

Competitive Procurements

Mr. Bajor stated that there are seven (7) competitive procurements totaling \$26.464 million, as follows:

One is a competitively solicited personal service contract; a Study for Project TN-55, Replacement of the Bronx and Queens Approach Viaducts and Structural Rehabilitation, to develop a Master Plan with conceptual designs for the reconstruction of the approach viaducts to improve traffic flow and safety in the amount of \$8,397,955.51.

There are two service contract amendments for construction administration and inspection services which support the implementation of ORT; one is for the Throgs Neck Bridge (TNB) in the amount of \$1,534,519 and the other is for the Bronx-Whitestone Bridge (BWB) in the amount of \$1,197,480.44.

Finally, there are four public work modifications; three are associated with architectural enhancements to transform the plazas and coordinate with the ORT gantries: the first one is at the HCT to fabricate, furnish and install tower structures, as well as to fabricate light beacon fixtures for remaining TBTA facilities in the amount of \$8,277,806; the second one is for the MPB and CBB to fabricate and deliver tower structures in the amount of \$3,500,000; and the third one is at the QMT for building demolition and restoration and other modifications in the amount of \$3,039,643.33. The last item is a modification to a Small Business Mentoring Program contract at the QMT for additional exit wall restoration and cleaning in the amount of \$516,058.63.

Upon a motion duly made and seconded, the Committee members who were present at the Committee Meeting considered and voted in favor of the competitive procurements, by a vote of two (2) in favor and none against, although a Committee Quorum was not present.

Personal Service Contracts

Henningson Durham & Richardson, P.C.	Contract No. PSC-16-3003 TBTA is seeking Board approval under the All Agency Service Contract Procurement Guidelines to award a competitively solicited personal service contract, Study for Project TN-55, Replacement of the Bronx and Queens Approach Viaducts and Structural Rehabilitation at the Throgs Neck Bridge to Henningson, Durham & Richardson, P.C. (HDR).	\$8,397,955.51
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Modifications to Personal Service Contracts and Miscellaneous Service Contracts Awarded as Contracts for Services

LiRo Engineers, Inc.	Contract No. PSC-15-2967 TBTA is seeking Board approval under the All Agency Service Contract Procurement Guidelines to amend Contract PSC-15-2967, Construction Administration and Inspection Services for Project TN-60, Dehumidification System for the Main	\$1,534,519.00
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Cable Splays and Elimination of Water Infiltration into the Anchorages at the Throgs Neck Bridge (TNB) for additional services and funding to support the implementation of Open Road Tolling (ORT) and other priority initiatives being performed under Project TN-60 at the TNB.

Greenman-Pedersen, Inc.	Contract No. PSC-15-2966 TBTA is seeking Board approval under the All Agency Service Contract Procurement Guidelines to amend Contract PSC-15-2966 in order to provide additional construction administration and inspection services for Projects BW-14/BW-84C, Various Structural Repairs and Removal of Tuned Mass Damper and Inspection of Select Main Cable Panels at the Bronx-Whitestone Bridge (BWB) in connection with the implementation of Open Road Tolling (ORT) and other priority initiatives being performed under Projects BW-14/BW-84C at the BWB.	\$1,197,480.44
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Modifications to Purchase and Public Works Contracts

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 work contract, Contract BB-28S, in order to: fabricate, furnish and install architectural enhancements that include tower structures to transform the plazas and coordinate with the new Open Road Tolling (ORT) gantries, related equipment and reconfigured roadway; and fabricate light beacon fixtures for remaining TBTA facilities.	\$8,277,806.00
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Kiska Construction, Inc.	Contract No. MP-03/MP-16 TBTA is seeking Board approval under the All Agency General Contract Procurement Guidelines to amend public work Contract MP-03/MP-16 for long lead time fabrication and delivery of tower structures to transform the plazas' appearances and coordinate with the new Open Road Tolling (ORT) gantries, related equipment and reconfigured roadway for the Marine Parkway-Gil Hodges Memorial Bridge (MPB) and Cross Bay Veterans Memorial Bridge (CBB).	\$3,500,000.00
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Judlau Contracting, Inc.

Contract No. QM-40S

\$3,039,643.33

TBTA is seeking Board approval under the All Agency General Contract Procurement Guidelines to amend public work Contract QM-40S for: (i) various civil, structural, electrical, architectural and temporary signage modifications to Project QM-40S, Sandy Restoration and Mitigation; (ii) additional ORT related plaza demolition and civil construction work; (iii) perform initial prototype architectural and lighting enhancements as well as additional plaza removals for the Queens-Midtown Tunnel.

2 Saab Construction Inc.

Contract No. QMM-346

\$516,058.63

TBTA is seeking the Board's approval under the All Agency General Contract Procurement Guidelines to modify Contract QMM-346 for additional work associated with the restoration and cleaning of the Manhattan Exit Plaza Walls of the Queens Midtown Tunnel.

Ratifications

Mr. Bajor stated that there are no ratifications.

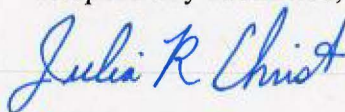
Diversity Report First Quarter 2017

Ms. Moore stated that for the First Quarter 2017, TBTA's workforce is comprised of 1,434 employees, of which 22% are Females, 55% are Minorities and 7% are Veterans. Compared to their representation in the First Quarter of 2016, the percentage of Females remained constant while the overall composition of the workforce related to Race and Ethnicity increased by 2%. Compared to the First Quarter of 2016, TBTA's number of new hires decreased from 22 to 14. TBTA increased the diversity of its workforce whereby the percentage of newly hired Females increased from 23% to 43% and newly hired Minorities increased from 55% to 64%. With regard to EEO and Title VI complaints, Ms. Moore stated that TBTA's EEO caseload included a total of 10 EEO complaints – six (6) internal complaints most of which cited gender, four (4) external complaints most of which cited race/color, and two (2) closed complaints. 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

July 2017

No items scheduled.

August 2017

No meeting scheduled.

September 2017

Customer Environment Survey – 2nd Quarter 2017
2018 Preliminary Budget
Diversity Report – 2nd Quarter 2017

Operations
Planning & Budget
EEO

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.

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

JULY 2017

No items scheduled.

AUGUST 2017

No meeting scheduled.

SEPTEMBER 2017

Customer Environment Survey – 2nd 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

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 2017

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

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.

DECEMBER 2017 (cont'd)

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.

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.

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.



Bridges and Tunnels

Report on Operations April 2017



MTA Bridges and Tunnels April 2017 Traffic Trends

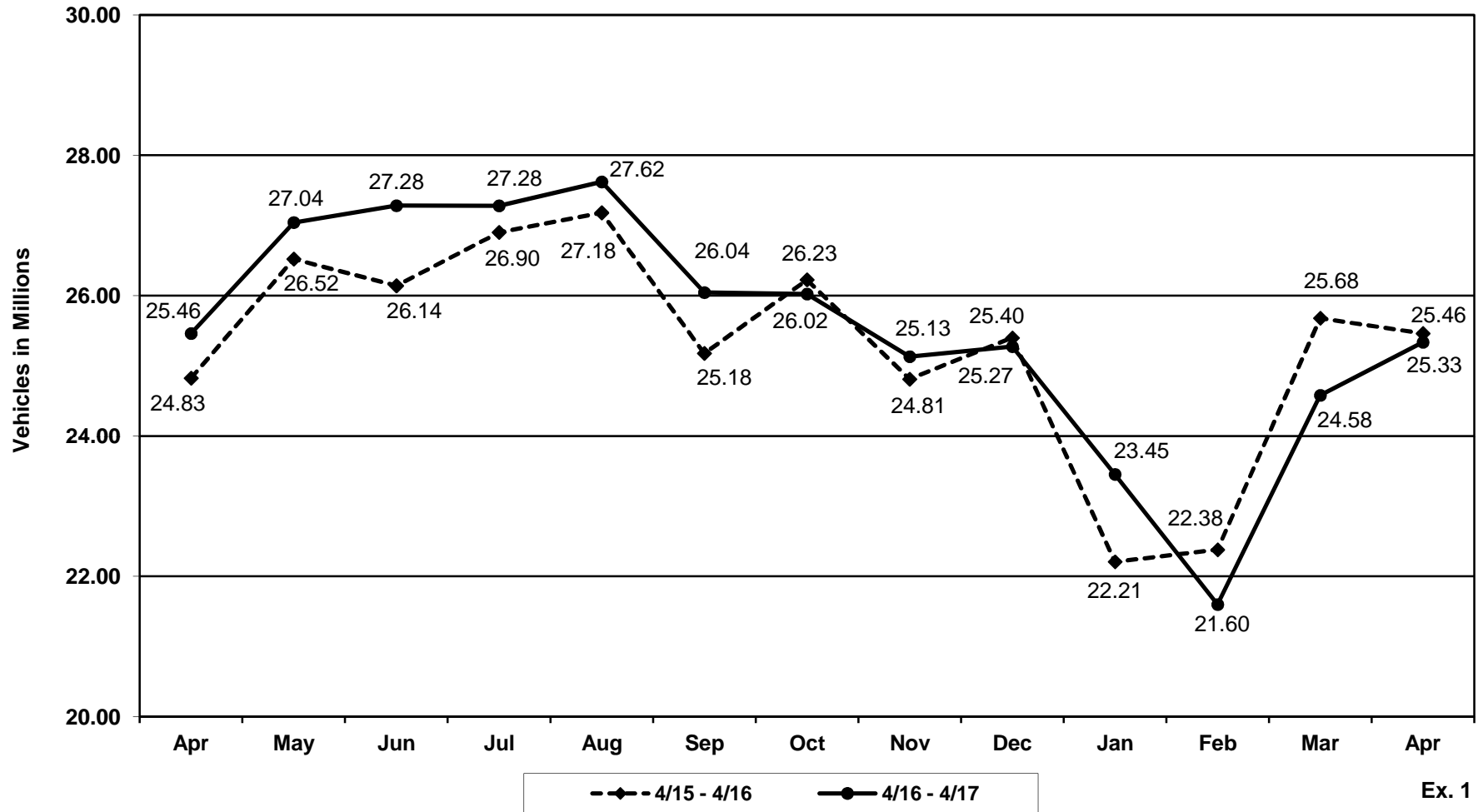
Summary

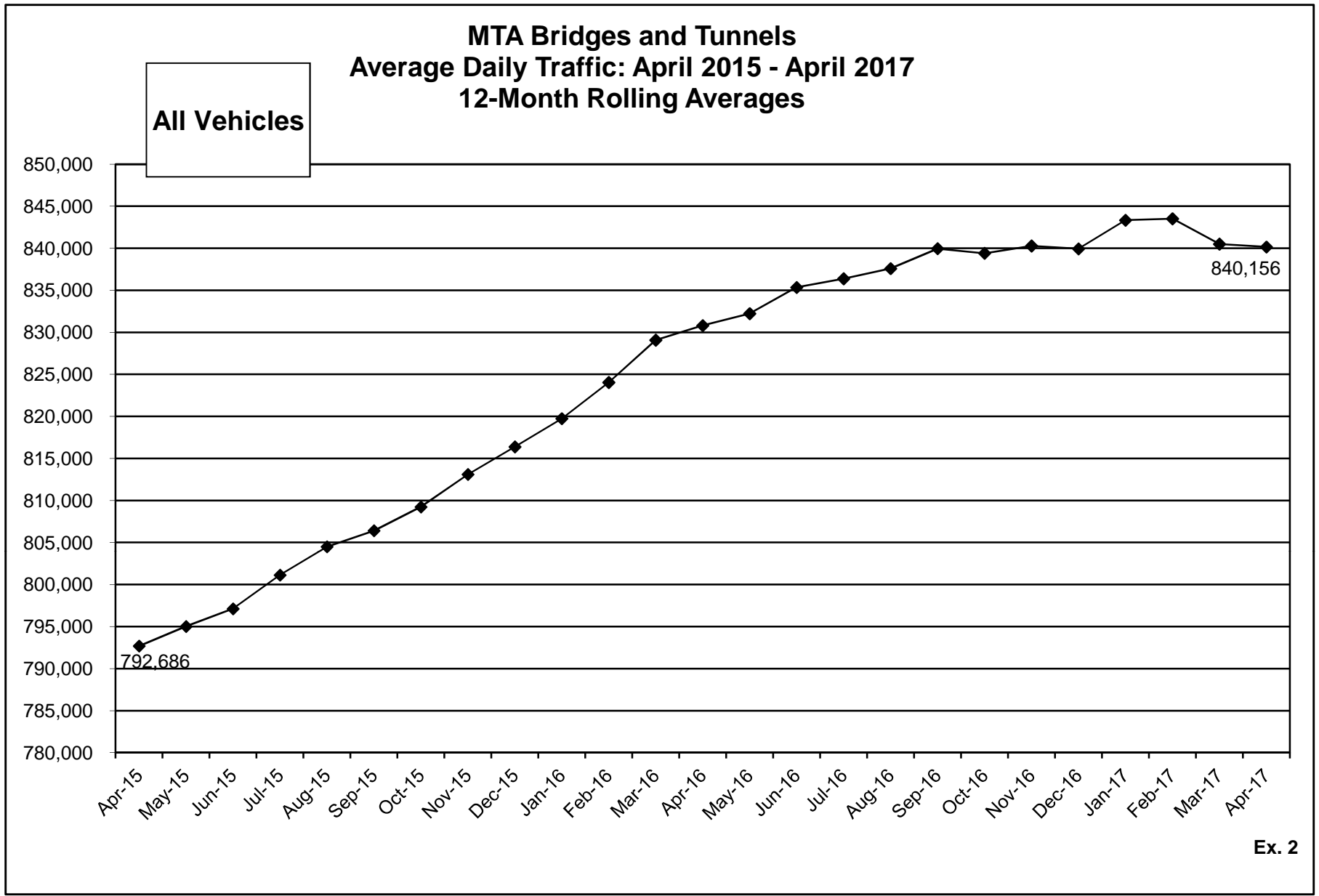
Traffic was lower on a year-to-year basis, with 25.3 million crossings this month vs. 25.5 million crossings in April 2016 (Exhibit 1).

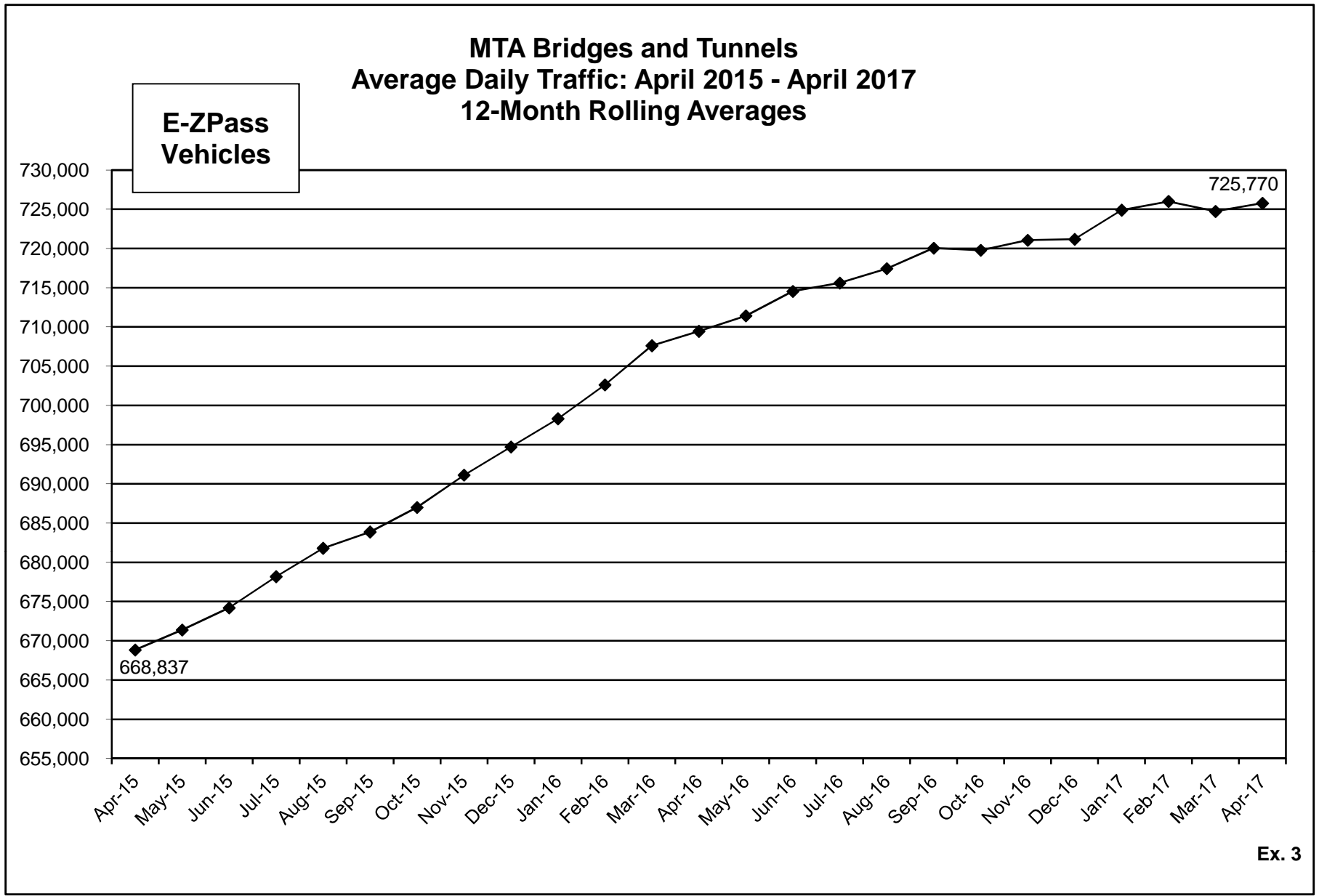
Rainfall this year was 4.1 inches compared to 1.7 inches last year. Gas prices averaged \$2.52 per gallon this April, which was \$0.35 more than last year at this time.

E-ZPass volume increased in April by 1.7% compared to the same month in 2016 and crossings using cash and other payment methods declined by 14.0% (Exhibit 7). Passenger car travel was at the same level as last year and other vehicle travel declined 6.6% from April of 2016 (Exhibit 8).

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

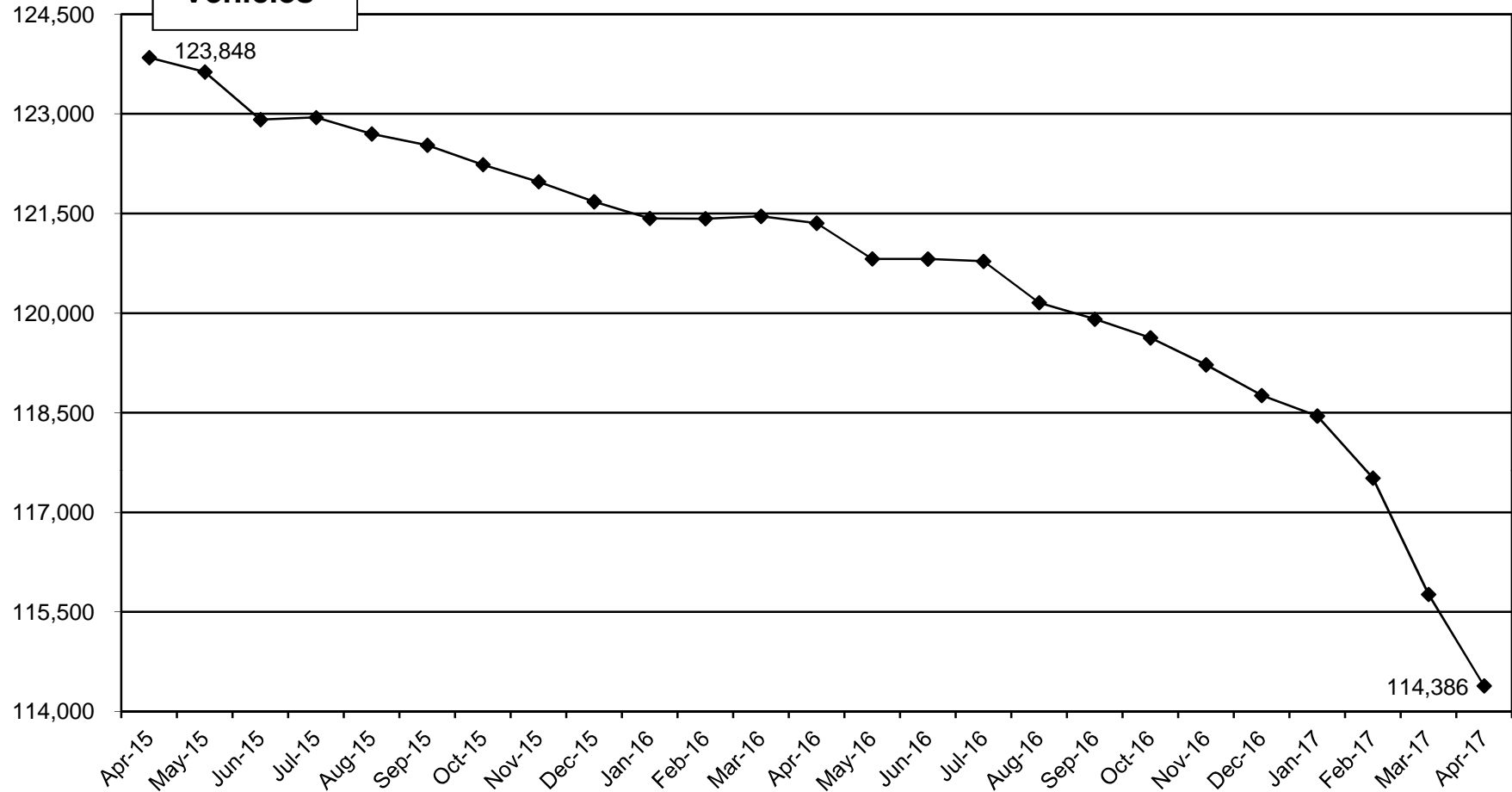






MTA Bridges and Tunnels Average Daily Traffic: April 2015 - April 2017 12-Month Rolling Averages

Cash
Vehicles*

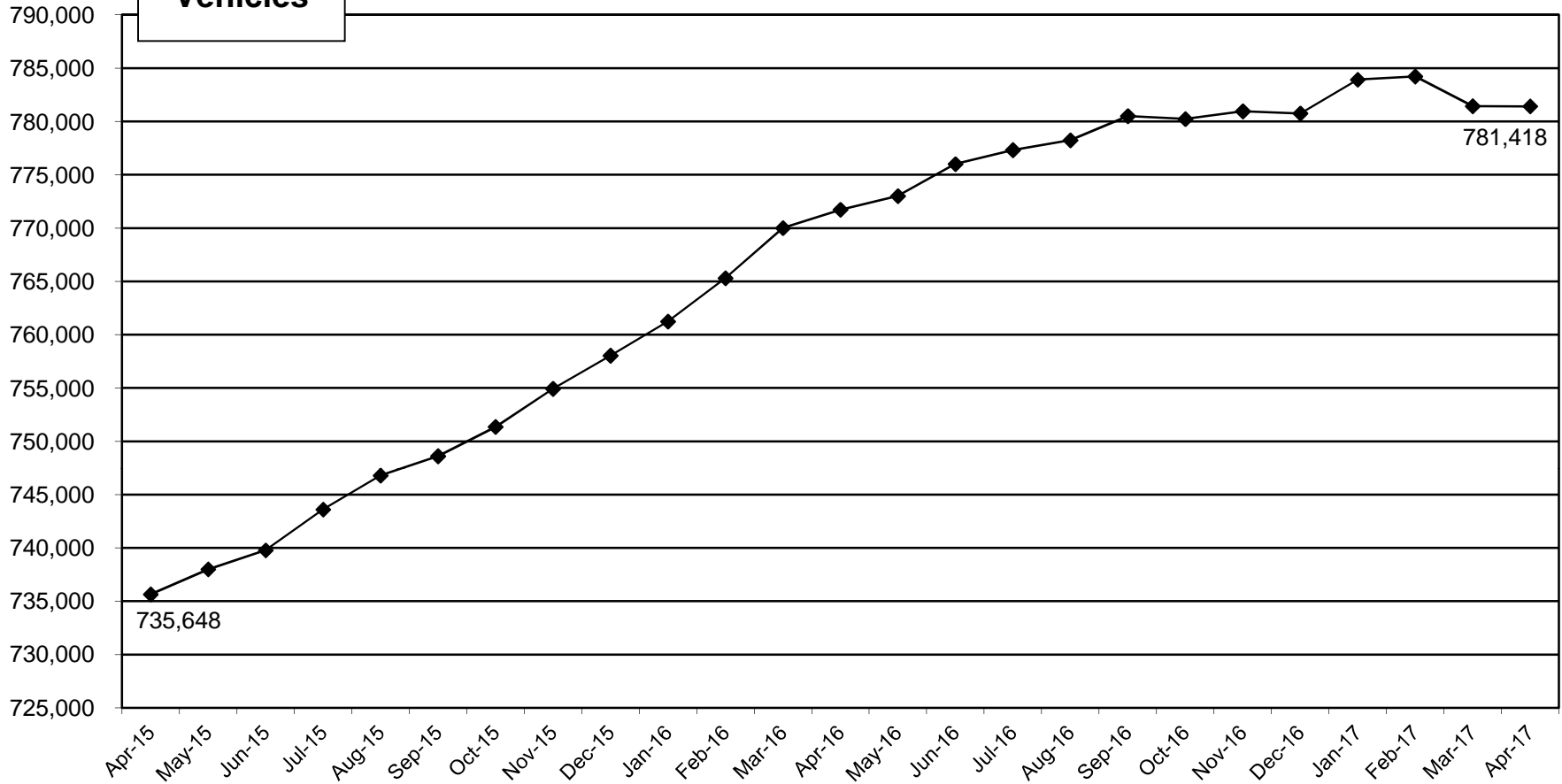


*Includes token, ticket and Tolls by Mail transactions.

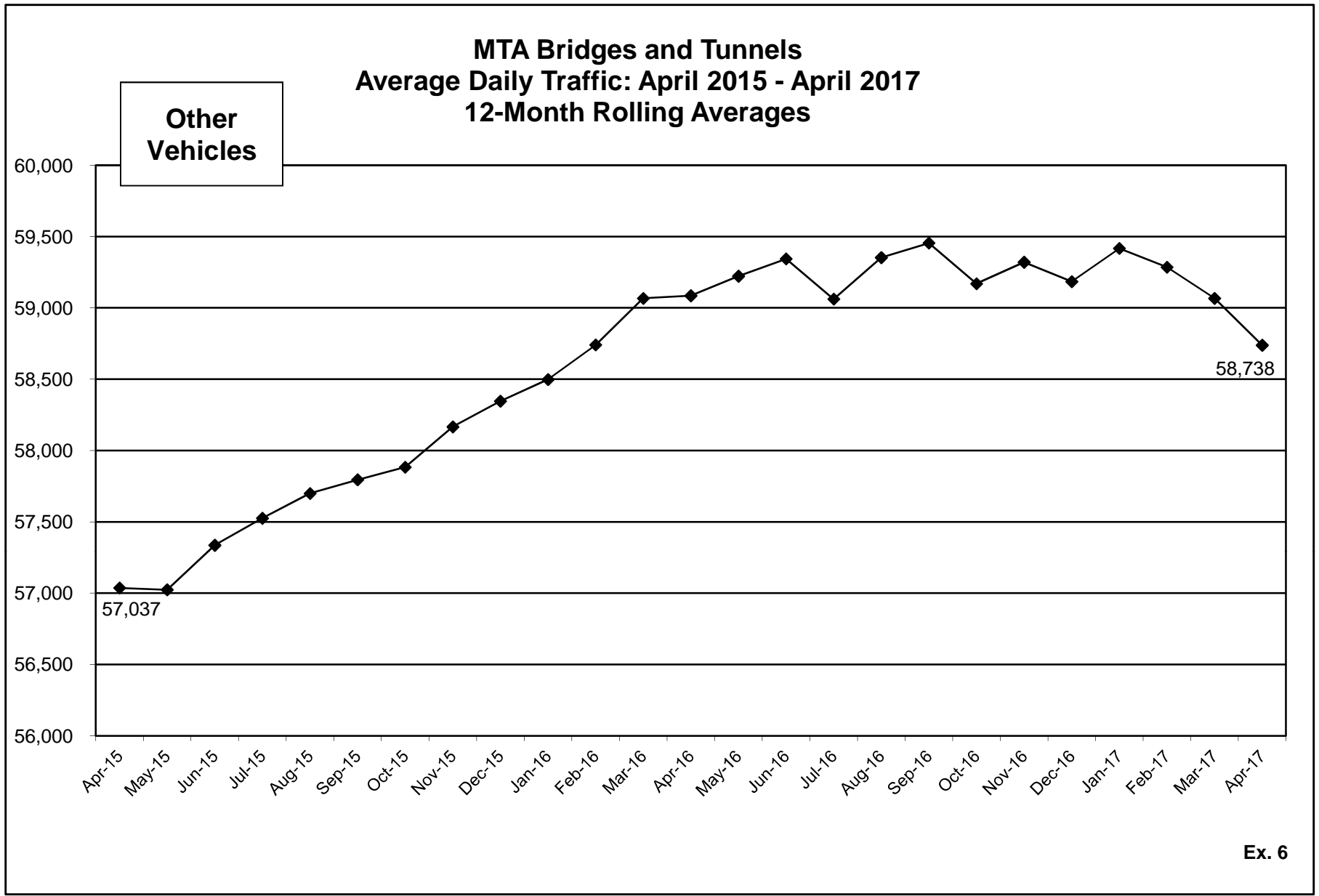
Ex. 4

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

Passenger
Vehicles



Ex. 5



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

Corridor	Toll Media	Apr ⁽¹⁾	3 Months ⁽²⁾ (Feb-Apr)	6 Months ⁽³⁾ (November-Apr)	9 Months ⁽⁴⁾ (Aug-Apr)	12 Months ⁽⁵⁾ (May-Apr)
All Facilities	Total Vehicles	-0.5%	-1.6%	0.2%	0.6%	1.1%
	E-ZPass	1.7%	0.5%	1.7%	1.9%	2.3%
	Cash/Tolls by Mail ⁽⁶⁾	-14.0%	-14.8%	-9.5%	-7.3%	-5.7%
RFK Bridge-Bronx Plaza Bronx-Whitestone Bridge Throgs Neck Bridge	Total Vehicles	0.9%	0.0%	2.0%	2.3%	2.5%
	E-ZPass	4.1%	2.6%	4.1%	4.1%	4.1%
	Cash ⁽⁶⁾	-12.9%	-12.0%	-7.0%	-5.3%	-4.1%
RFK Bridge-Manhattan Plaza Queens Midtown Tunnel Hugh L. Carey Tunnel	Total Vehicles	-7.6%	-7.7%	-6.3%	-5.7%	-4.3%
	E-ZPass	-4.9%	-4.8%	-4.3%	-4.1%	-2.9%
	Cash/Tolls by Mail ^(6,7)	-28.7%	-30.6%	-22.7%	-18.1%	-14.6%
Verrazano-Narrows Bridge	Total Vehicles	2.5%	0.9%	3.2%	3.8%	3.9%
	E-ZPass	3.7%	2.2%	4.3%	4.8%	4.9%
	Cash ⁽⁶⁾	-5.3%	-8.3%	-4.6%	-3.1%	-2.7%
Henry Hudson Bridge	Total Vehicles	6.9%	3.4%	3.8%	4.3%	4.4%
	E-ZPass	6.9%	3.5%	3.8%	4.3%	4.5%
	Tolls By Mail	6.0%	1.3%	4.1%	4.5%	3.7%
Marine Parkway Bridge Cross Bay Bridge	Total Vehicles	0.0%	-1.2%	0.6%	0.5%	1.4%
	E-ZPass	2.1%	0.4%	1.6%	1.5%	2.2%
	Cash ⁽⁶⁾	-15.0%	-13.1%	-7.0%	-6.4%	-3.8%

(1) April 2017 vs. April 2016.

(2) February 2017 to April 2017 vs. February 2016 to April 2016.

(3) November 2016 to April 2017 vs. November 2015 to April 2016.

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

(5) May 2016 to April 2017 vs. May 2015 to April 2016.

(6) Includes tokens and tickets.

(7) Tolls by Mail was implemented at the Hugh L. Carey Tunnel on January 4th and at the Queens Midtown Tunnel on January 10th.

Ex. 7

MTA Bridges and Tunnels
Percent Change in Average Daily Traffic by Vehicle Type

Corridor	Vehicle Type	Mar ⁽¹⁾	3 Months ⁽²⁾ (Jan-Mar)	6 Months ⁽³⁾ (Oct-Mar)	9 Months ⁽⁴⁾ (Jul-Mar)	12 Months ⁽⁵⁾ (Apr-Mar)
All Facilities	Total Vehicles	-0.5%	-1.6%	0.2%	0.6%	1.1%
	Passenger	0.0%	-1.4%	0.3%	0.7%	1.3%
	Other	-6.6%	-4.7%	-1.5%	-0.7%	-0.6%
RFK Bridge-Bronx Plaza Bronx-Whitestone Bridge Throgs Neck Bridge	Total Vehicles	0.9%	0.0%	2.0%	2.3%	2.5%
	Passenger	1.5%	0.3%	2.2%	2.5%	2.7%
	Other	-4.6%	-3.0%	0.3%	0.9%	0.9%
RFK Bridge-Manhattan Plaza Queens Midtown Tunnel Hugh L. Carey Tunnel	Total Vehicles	-7.6%	-7.7%	-6.3%	-5.7%	-4.3%
	Passenger	-7.3%	-7.6%	-6.3%	-5.7%	-4.2%
	Other	-11.4%	-8.8%	-6.4%	-5.7%	-5.3%
Verrazano-Narrows Bridge	Total Vehicles	2.5%	0.9%	3.2%	3.8%	3.9%
	Passenger	3.0%	1.1%	3.3%	3.9%	4.0%
	Other	-5.0%	-2.9%	1.3%	2.2%	2.0%
Henry Hudson Bridge	Total Vehicles	6.9%	3.4%	3.8%	4.3%	4.4%
	Passenger	7.1%	3.6%	4.1%	4.5%	4.6%
	Other	-14.8%	-14.0%	-21.0%	-13.3%	-9.2%
Marine Parkway Bridge Cross Bay Bridge	Total Vehicles	0.0%	-1.2%	0.6%	0.5%	1.4%
	Passenger	0.6%	-0.8%	0.8%	0.7%	1.6%
	Other	-8.7%	-7.0%	-3.3%	-2.7%	-1.4%

(1) April 2017 vs. April 2016.

(2) February 2017 to April 2017 vs. February 2016 to April 2016.

(3) November 2016 to April 2017 vs. November 2015 to April 2016.

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

(5) May 2016 to April 2017 vs. May 2015 to April 2016.

Ex. 8

Supplemental Data Page for the Report on Operations

Traffic & Average Gas Price ¹			Weather ²			Precipitation
<u>Month</u>	<u>Traffic</u>	<u>Gas</u>	<u>Average Temperature</u>	<u>Rain Inches</u>	<u>Snow Inches</u>	<u>Days</u>
Apr-15	24,825,057	\$2.52	54	1.8	-	8
May-15	26,520,622	\$2.78	67	1.6	-	6
Jun-15	26,140,659	\$2.86	71	4.8	-	12
Jul-15	26,900,933	\$2.85	79	3.5	-	8
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	21,598,085	\$2.49	43	1.9	10.3	6
Mar-17	24,579,095	\$2.44	41	4.7	9.8	10
Apr-17	25,334,978	\$2.52	58	4.1	-	12

Note: Bold numbers are preliminary.

TABLE 2 - Year-over-Year Differences

Traffic & Gas Monthly Inc/(Dec)			Weather Monthly Inc/(Dec)			Precipitation
<u>Month</u>	<u>Traffic</u>	<u>Gas</u>	<u>Average Temperature</u>	<u>Rain Inches</u>	<u>Snow Inches</u>	<u>Days</u>
2016 vs. 2015						
April	635,005	(\$0.35)	(1)	(0.1)	-	3
May	520,937	(\$0.45)	(3)	2.3	-	5
June	1,140,814	(\$0.48)	3	(2.6)	-	(3)
July	378,907	(\$0.54)	2	1.5	-	4
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	(781,360)	\$0.59	4	(2.5)	5	(7)
March	(1,098,912)	\$0.51	(8)	3.4	8	(1)
April	(125,084)	\$0.35	5	2.4	-	1

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 22, 2015

Supplemental Data Page for Exhibits 2 through 6

Average Daily Traffic: 12-Month Rolling Averages

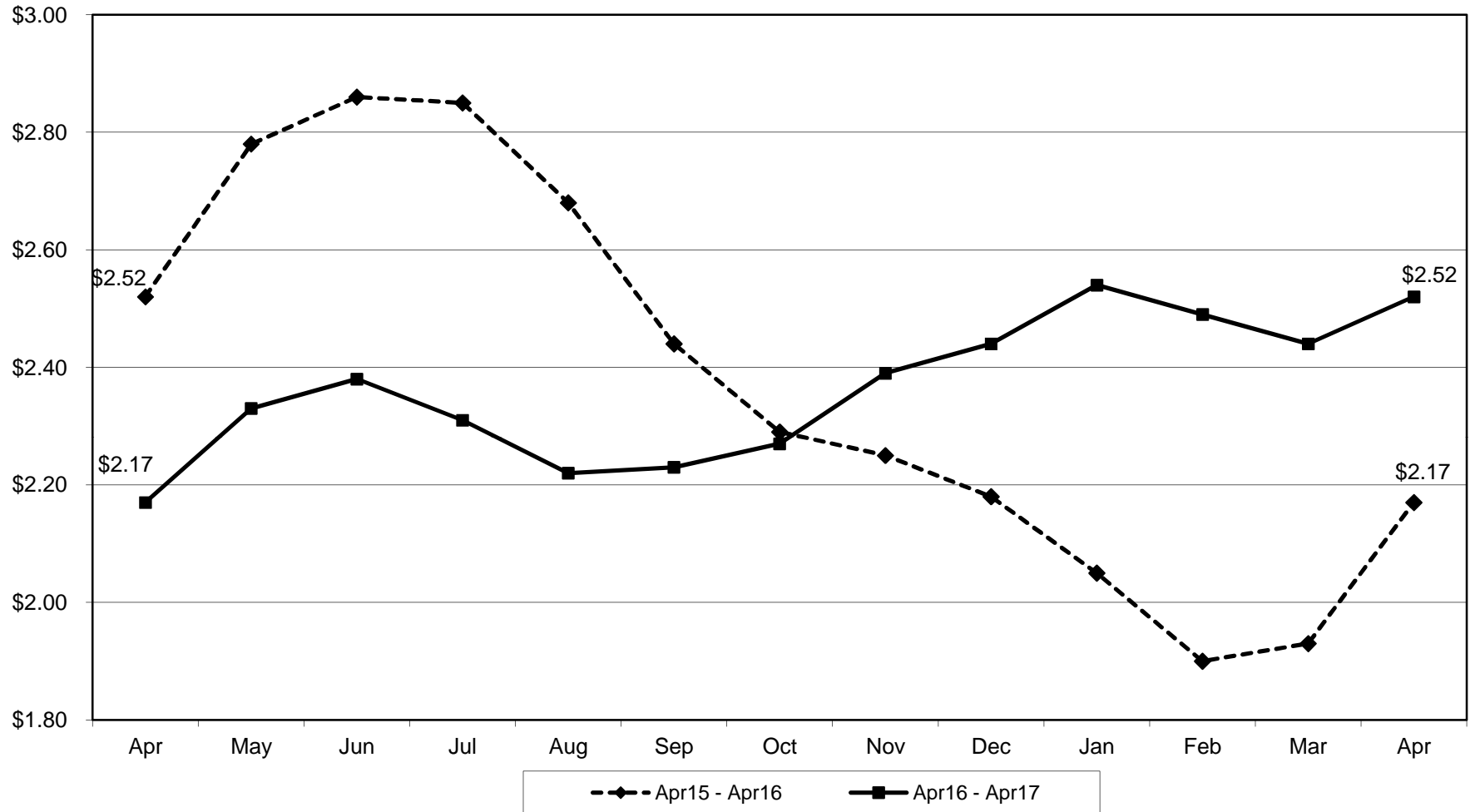
<u>Month</u>	<u>All Vehicles¹</u>	<u>E-ZPass</u>	<u>Cash²</u>	<u>Passenger</u>	<u>Other</u>
Apr-15	792,686	668,837	123,848	735,648	57,037
May-15	795,019	671,387	123,632	737,995	57,024
Jun-15	797,117	674,203	122,914	739,780	57,336
Jul-15	801,132	678,186	122,946	743,606	57,526
Aug-15	804,496	681,797	122,700	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	843,510	725,994	117,516	784,224	59,285
Mar-17	840,499	724,735	115,764	781,432	59,067
Apr-17	840,156	725,770	114,386	781,418	58,738

Note: Bold numbers are preliminary.

1. Numbers may not add due to rounding.

2. Cash transactions include: tokens, tickets and beginning November 11, 2012, Tolls by Mail at the Henry Hudson Bridge

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





Bridges and Tunnels

Safety Report **April 2017**



Safety Report

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

Performance Indicator			
Performance Indicator	12-Month Average		
	May 2014 - April 2015	May 2015 - April 2016	May 2016 - April 2017
Customer Collisions Rate for Bridge Customers per Million Vehicles	5.68	6.36	8.00
Customer Injury Collisions Rate for Bridge Customers per Million Vehicles	0.94	1.03	1.09
Employee Accident Reports	277	238	292
Employee Lost Time Injuries Rate per 200,000 worker hours	5.6	5.4	7.6
Construction Injuries per 200,000 worker hours	3.04	2.26	1.96

Leading Indicators				
Roadway Safety	2016		2017	
	April	Year End	April	Year to Date
Workforce Development (# of Participants)	54	740	42	151
Fleet Preventative Maintenance Insp.	74	1281	112	461
Safety Taskforce Inspections	1	13	2	4
Construction Safety	April	Year End	April	Year to Date
Construction Safety Inspections	343	4161	347	1202
Fire Safety	April	Year End	April	Year to Date
Fire Code Audits Completed	1	13	0	3
FDNY Liaison Visits	5	25	10	11

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.



Bridges and Tunnels

E-ZPass Performance Report April 2017



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

E-ZPass Performance at All B&T Facilities			
	April 2017	Year to Date	April 2016
Total E-ZPass Traffic ¹	22,256,431	83,423,416	21,878,583
E-ZPass Market Share: Total	87.8%	87.8%	85.9%
Cars	87.5%	87.4%	85.4%
Trucks	92.5%	93.6%	93.2%

Weekday E-ZPass Performance by Facility²			
Facility	April Average E-ZPass Weekday Traffic and Market Share		
	2017 Average Traffic	2017 Market Share	2016 Market Share
Bronx-Whitestone Bridge	110,364	84.8%	82.4%
Cross Bay Veterans Memorial Bridge	21,003	90.0%	87.7%
Henry Hudson Bridge	70,089	94.8%	94.6%
Hugh L. Carey Tunnel	50,523	95.4%	91.8%
Marine Parkway-Gil Hodges Memorial Bridge	19,224	92.0%	90.3%
Queens Midtown Tunnel	73,219	93.4%	91.1%
Robert F. Kennedy Bridge - Bronx Plaza	66,826	84.2%	80.2%
Robert F. Kennedy Bridge - Manhattan Plaza	82,794	89.6%	87.6%
Throgs Neck Bridge	106,577	88.0%	86.4%
Verrazano-Narrows Bridge ¹	<u>177,076</u>	<u>89.7%</u>	<u>88.6%</u>
All Facilities ¹	777,695	89.4%	87.4%

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
April 2017
Preliminary data subject to final audit

Weekday Peak Hour E-ZPass Performance by Facility³				
Facility	April E-ZPass Market Share			
	2017 AM Peak	2016 AM Peak	2017 PM Peak	2016 PM Peak
Bronx-Whitestone Bridge	89.0%	87.4%	85.8%	83.7%
Cross Bay Veterans Memorial Bridge	92.8%	91.3%	90.5%	88.3%
Henry Hudson Bridge	96.7%	96.3%	95.1%	94.4%
Hugh L. Carey Tunnel	97.1%	94.5%	95.7%	91.6%
Marine Parkway-Gil Hodges Memorial Bridge	93.6%	92.7%	91.8%	90.4%
Queens Midtown Tunnel	95.9%	92.6%	94.8%	91.5%
Robert F. Kennedy Bridge - Bronx Plaza	88.2%	85.4%	84.2%	81.2%
Robert F. Kennedy Bridge - Manhattan Plaza	92.1%	90.1%	89.8%	88.3%
Throgs Neck Bridge	90.9%	90.5%	88.8%	86.9%
Verrazano-Narrows Bridge ⁴	N/A	N/A	92.1%	91.6%
All Facilities	92.3%	90.5%	90.5%	88.5%

Weekend E-ZPass Performance by Facility			
Facility	April Average E-ZPass Weekend Traffic and Market Share		
	2017 Avg. Traffic	2017 Market Share	2016 Market Share
Bronx-Whitestone Bridge	98,289	79.2%	76.1%
Cross Bay Veterans Memorial Bridge	16,983	86.3%	83.7%
Henry Hudson Bridge	64,652	92.2%	92.0%
Hugh L. Carey Tunnel	35,167	93.0%	87.8%
Marine Parkway-Gil Hodges Memorial Bridge	15,455	89.4%	87.3%
Queens Midtown Tunnel	40,659	91.5%	87.6%
Robert F. Kennedy Bridge - Bronx Plaza	57,920	78.7%	73.3%
Robert F. Kennedy Bridge - Manhattan Plaza	73,228	85.8%	83.1%
Throgs Neck Bridge	104,611	83.2%	80.6%
Verrazano-Narrows Bridge ¹	<u>164,110</u>	84.8%	83.1%
All Facilities ¹	671,074	84.8%	82.2%

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
April 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	April 2017 Total B&T E-ZPass Transactions	April 2017 Percentage of B&T Total Transactions	April 2016 Percentage of B&T Total Transactions
New York State Thruway Authority ⁶	1,948,027	8.70%	8.28%
Port Authority of NY and NJ	1,194,372	5.33%	5.21%
New Jersey Toll Agencies ⁷	1,130,979	5.05%	5.13%
Massachusetts Turnpike Authority ⁸	163,203	0.73%	0.65%
Pennsylvania Turnpike Commission	106,632	0.48%	0.42%
Maryland Transportation Authority	44,543	0.20%	0.17%
Virginia Department of Transportation ⁹	38,813	0.17%	0.14%
New Hampshire Department of Transportation	14,559	0.07%	0.08%
Delaware Department of Transportation	16,506	0.07%	0.07%
Other ¹⁰	<u>55,349</u>	<u>0.25%</u>	<u>0.23%</u>
Total	4,712,983	21.05%	20.37%

Other Agency B&T E-ZPass Transactions			
Agency Used By B&T Customers	April 2017	YTD 2017	April 2016
New York State Thruway Authority ⁶	2,885,422	10,312,178	2,635,462
Port Authority of NY and NJ	3,535,708	13,570,936	3,463,899
New Jersey Toll Agencies ⁷	6,724,592	22,776,901	5,841,177
New York State Bridge Authority	288,940	997,455	264,744
Massachusetts Turnpike Authority ⁸	659,897	2,424,721	599,707
Pennsylvania Turnpike Commission	340,607	1,047,883	319,665
Maryland Transportation Authority	471,431	1,477,740	405,276
Virginia Department of Transportation ⁹	226,444	778,564	215,350
New Hampshire Department of Transportation	107,317	381,606	96,648
Delaware Department of Transportation	305,739	977,003	277,033
Other ¹⁰	<u>375,484</u>	<u>1,289,399</u>	<u>379,524</u>
Total	15,921,581	56,034,386	14,498,485

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
April 2017
Preliminary data subject to final audit

E-ZPass Customer Service Statistics

MTA Bridges and Tunnels Customers				
	April 2017	YTD 2017	YTD 2016	
Accounts Opened:				
Internet	14,163	44,197	27,961	
Walk-In	3,821	13,812	9,948	
Mail	352	1,372	1,150	
On-The-Go	<u>11,978</u>	<u>38,950</u>	<u>34,300</u>	
Total Accounts Opened	30,314	98,331	73,359	
Total Active Accounts		3,176,568	2,948,086	
Number of E-ZPass Tags Issued ¹¹	76,646	314,713	181,484	
Total Active Tags ¹²		4,999,871	4,703,262	
Total Reload Cards Distributed	2,589	166,032	157,962	
Reload Card % of Cash Replenishments	17.6%	17.5%	16.8%	

Customer Service Indicators				
	April 2017	YTD 2017	YTD 2016	
Phone Calls Answered by Customer Service Center:				
Customer Service Representatives	305,202	1,185,463	1,034,002	
Automated System	<u>759,393</u>	<u>2,759,180</u>	<u>2,256,728</u>	
Total Phone Calls Answered	1,064,595	3,944,643	3,290,730	
Average Phone Call Waiting Time (in min.):				
General Call Unit	0.10	0.12	0.15	
Commercial Call Unit	0.20	0.22	0.33	
Avg. Monthly B&T E-ZPass Trips Per Account	5.56	5.29	5.52	
Average Number of Active Tags Per Account	1.57	1.57	1.59	

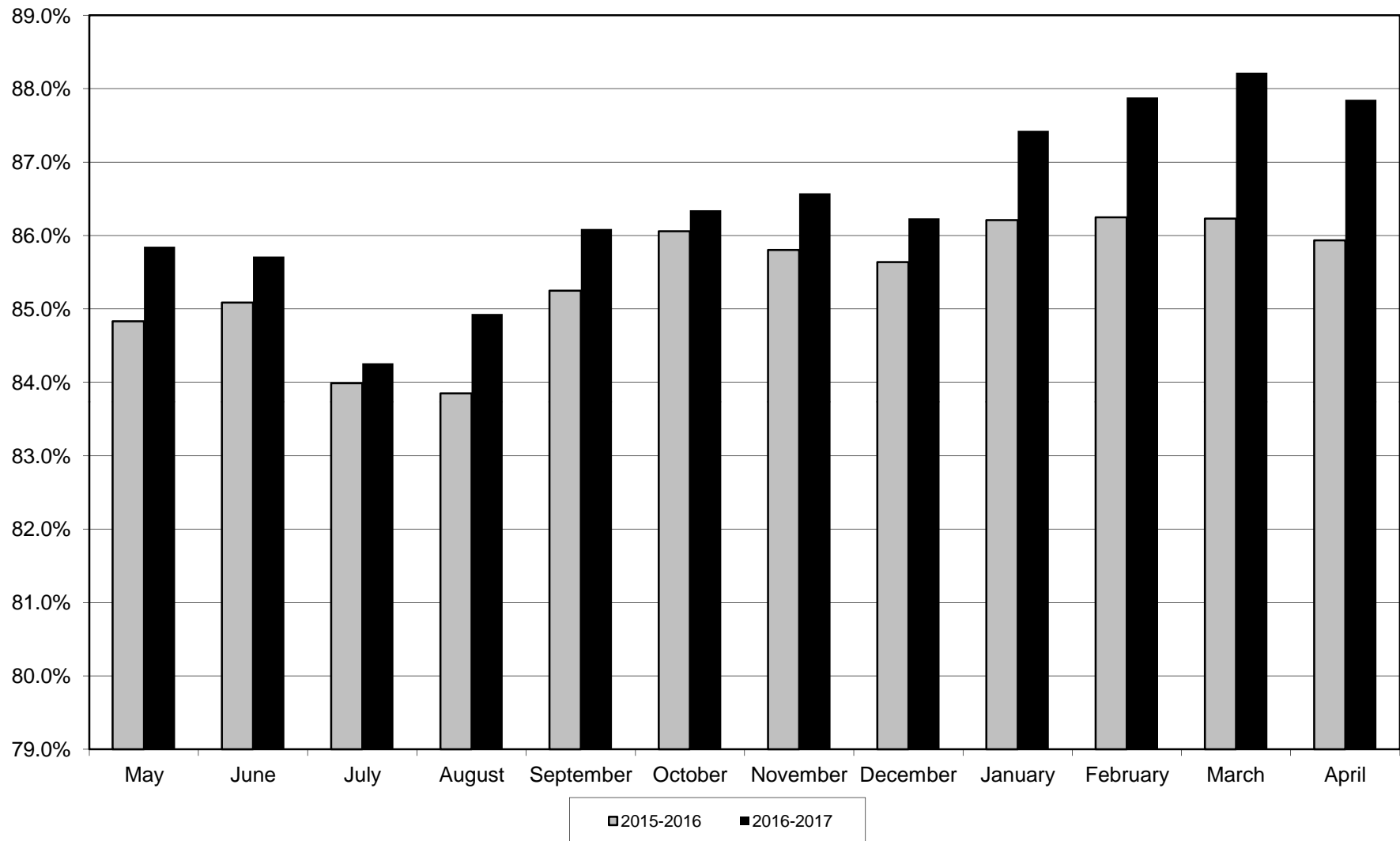
E-ZPass Tag Replacement Program				
	April 2017	YTD 2017	2011-2017	
Number of Replacement Tags Mailed	9,036	39,135	1,997,094	
Number of Tags Returned ¹³	6,108	33,881	1,958,100	
Number of Tags Pending Return	N/A	N/A	38,994	

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
May 2015 through April 2017**





Bridges and Tunnels

Financial Report April 2017



MTA BRIDGES & TUNNELS**STATEMENT OF NET POSITION****As of April 30, 2017**

(in thousands)

ASSETS AND DEFERRED OUTFLOWS OF RESOURCES**CURRENT ASSETS:**

Cash-Unrestricted	12,349
Investments:	
Unrestricted	117,305
Restricted	883,489
Accrued interest receivable	1,317
Accounts receivable	12,197
Less allowance for insurance recovery	-37,825
Tolls due from other agencies	35,861
Due (to)/from MTA - change in fair value of derivative	-14,413
Prepaid expenses	4,877
	<hr/>
Total current assets	1,015,156

NONCURRENT ASSETS:

Investments:	
Restricted	25
Insurance recovery receivable	126,325
Facilities, less acc.dep of \$1,608,858	5,345,456
Capital lease 2 Broadway net acc. dep.	39,585
Derivative Hedge Assets	3,564
Security Deposits	0
	<hr/>
Total noncurrent assets	5,514,954

TOTAL ASSETS:

6,530,110**DEFERRED OUTFLOWS OF RESOURCES:**

Deferred outflows of resources related to Pension	123,415
Accumulated decreases in fair value of derivative instruments	176,358
Defeasance costs	255,939
	<hr/>

TOTAL DEFERRED OUTFLOWS OF RESOURCES:

555,712**TOTAL ASSETS AND DEFERRED OUTFLOWS
OF RESOURCES**

7,085,822

MTA BRIDGES & TUNNELS**STATEMENT OF NET POSITION****As of April 30, 2017**

(in thousands)

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

Current portion-long term debt	217,250
Interest Payable	137,438
Accounts Payable	142,690
Accrued Pension Payable	3,629
Payable to MTA-CAP	192,375
Due to MTA-Operating Expenses	3,400
Due to NYCTA-Operating Expenses	788
Accrued salaries	22,629
Accrued Vac & Sick Benefits	17,451
Current portion of estimated liability arising from injury	15,053
Current portion of capital lease obligation	0
Pollution remediation projects	1,829
Due to New York City Transit Authority	36,340
Due to Metropolitan Transportation Authority	49,378
Unredeemed Tolls	139,349
Tolls due to other agencies	57,670
E-ZPass Airport Toll Liability	10,683

Total current liabilities 1,047,951

NONCURRENT LIABILITIES:

Long term debt	9,186,632
Post Employment Benefits Other than Pensions	669,242
Estimated liability arising from injury	28,512
Capital lease obligations	54,525
Derivative Hedge Liabilities	151,096
Due (to)/from MTA - change in fair value of derivative	14,413
Net Pension Liability	307,596
Security deposits-Contra	0

Total noncurrent liabilities 10,412,016

DEFERRED INFLOW OF RESOURCES

Deferred Inflow of resources related to Pension	39,856
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**TOTAL LIABILITIES AND DEFERRED INFLOWS OF
RESOURCES**

11,499,823

NET POSITION-4,414,001 ***TOTAL LIABILITIES, DEFERRED INFLOWS OF**7,085,822

*The negative Net Position of \$4,416,667 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
FEBRUARY FINANCIAL PLAN - 2017 ADOPTED BUDGET
ACCRUAL STATEMENT of OPERATIONS by CATEGORY
APRIL 2017
(\$ in millions)

	Nonreimbursable				Reimbursable				Total			
	Adopted Budget	Actual	Favorable (Unfavorable)		Adopted Budget	Actual	Favorable (Unfavorable)		Adopted Budget	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	161.136	158.803	(2.333)	(1.4)	0.000	0.000	0.000	-	161.136	158.803	(2.333)	(1.4)
Other Operating Revenue	1.786	1.926	0.140	7.9	0.000	0.000	0.000	-	1.786	1.926	0.140	7.9
Capital & Other Reimbursements	0.000	0.000	0.000	-	1.966	1.736	(0.230)	(11.7)	1.966	1.736	(0.230)	(11.7)
Investment Income	0.081	0.078	(0.003)	(3.9)	0.000	0.000	0.000	-	0.081	0.078	(0.003)	(3.9)
Total Revenue	\$163.003	\$160.807	(\$2.196)	(1.3)	\$1.966	\$1.736	(\$0.230)	(11.7)	\$164.969	\$162.543	(\$2.426)	(1.5)
Expenses												
<i>Labor:</i>												
Payroll	\$11.312	\$10.104	\$1.208	10.7	\$0.814	\$0.616	\$0.198	24.3	12.126	\$10.720	\$1.406	11.6
Overtime	2.091	2.439	(0.348)	(16.6)	0.134	0.194	(0.060)	(44.8)	2.225	2.633	(0.408)	(18.3)
Health and Welfare	2.551	2.217	0.334	13.1	0.213	0.133	0.080	37.6	2.764	2.350	0.414	15.0
OPEB Current Payment	1.597	1.633	(0.037)	(2.3)	0.000	0.000	0.000	-	1.597	1.633	(0.037)	(2.3)
Pensions	3.385	3.455	(0.070)	(2.1)	0.247	0.180	0.067	27.1	3.632	3.635	(0.003)	(0.1)
Other Fringe Benefits	0.931	0.870	0.062	6.6	0.117	0.086	0.031	26.5	1.048	0.956	0.093	8.8
Reimbursable Overhead	(0.441)	(0.527)	0.086	19.5	0.441	0.527	(0.086)	(19.5)	0.000	0.000	0.000	-
Total Labor Expenses	\$21.426	\$20.192	\$1.234	5.8	\$1.966	\$1.736	\$0.230	11.7	\$23.392	\$21.928	\$1.464	6.3
<i>Non-Labor:</i>												
Electric Power	\$0.491	\$0.379	\$0.112	22.9	\$0.000	\$0.000	\$0.000	-	\$0.491	\$0.379	\$0.112	22.9
Fuel	0.179	0.079	0.100	56.1	0.000	0.000	0.000	-	0.179	0.079	0.100	56.1
Insurance	1.284	0.966	0.318	24.8	0.000	0.000	0.000	-	\$1.284	0.966	0.318	24.8
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	7.122	5.487	1.635	23.0	0.000	0.000	0.000	-	7.122	5.487	1.635	23.0
Professional Service Contracts	2.883	2.102	0.781	27.1	0.000	0.000	0.000	-	2.883	2.102	0.781	27.1
Materials & Supplies	0.294	0.258	0.036	12.2	0.000	0.000	0.000	-	0.294	0.258	0.036	12.2
Other Business Expenses	2.711	2.355	0.357	13.2	0.000	0.000	0.000	-	2.711	2.355	0.357	13.2
Total Non-Labor Expenses	\$14.963	\$11.624	\$3.339	22.3	\$0.000	\$0.000	\$0.000	-	\$14.963	\$11.624	\$3.339	22.3
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.	\$36.389	\$31.816	\$4.573	12.6	\$1.966	\$1.736	\$0.230	11.7	\$38.355	\$33.552	\$4.803	12.5
Depreciation	\$10.654	\$9.345	\$1.309	12.3	\$0.000	\$0.000	\$0.000	-	10.654	\$9.345	\$1.309	12.3
OPEB Obligation	5.888	5.986	(0.098)	(1.7)	0.000	0.000	0.000	-	5.888	5.986	(0.098)	(1.7)
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.	\$52.931	\$47.147	\$5.784	10.9	\$1.966	\$1.736	\$0.230	11.7	\$54.897	\$48.883	\$6.014	11.0
Less: Depreciation	\$10.654	\$9.345	\$1.309	12.3	\$0.000	\$0.000	\$0.000	-	\$10.654	\$9.345	\$1.309	12.3
Less: OPEB Obligation	5.888	5.986	(0.098)	(1.7)	0.000	0.000	0.000	-	5.888	5.986	(0.098)	(1.7)
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	\$36.389	\$31.816	\$4.573	12.6	\$1.966	\$1.736	\$0.230	11.7	\$38.355	\$33.552	\$4.803	12.5
Net Surplus/(Deficit)	\$126.613	\$128.991	\$2.378	1.9	\$0.000	\$0.000	\$0.000	-	\$126.614	\$128.991	\$2.377	1.9

Differences are due to rounding.

*Variance exceeds 100%

MTA BRIDGES AND TUNNELS
FEBRUARY FINANCIAL PLAN - 2017 ADOPTED BUDGET
ACCRUAL STATEMENT of OPERATIONS by CATEGORY
APRIL 2017
(\$ in millions)

	Nonreimbursable				Reimbursable				Total			
	Favorable (Unfavorable)				Favorable (Unfavorable)				Favorable (Unfavorable)			
	Adopted Budget	Actual	Variance	Percent	Adopted Budget	Actual	Variance	Percent	Adopted Budget	Actual	Variance	Percent
Net Income/(Deficit)									\$126.614	\$128.991	\$2.377	1.9
Less: Capitalized Assets									0.891	0.668	0.224	25.1
Reserves									2.293	2.293	0.000	0.0
GASB Reserves									0.000	0.000	0.000	-
Adjusted Net Income/(Deficit)									\$123.429	\$126.031	\$2.601	2.1
Less: Debt Service									55.376	53.896	1.479	2.7
Income Available for Distribution									\$68.054	\$72.134	\$4.080	6.0
Distributable To:												
MTA - Investment Income									0.081	0.078	(0.003)	(3.9)
MTA - Distributable Income									38.609	40.900	2.291	5.9
NYCTR - Distributable Income									29.364	31.156	1.792	6.1
Total Distributable Income									\$68.054	\$72.134	\$4.080	6.0
Support to Mass Transit:												
Total Revenues									164.969	162.543	(2.426)	(1.5)
Less: Total Operating Expenses									<u>38.355</u>	<u>33.552</u>	<u>4.803</u>	12.5
Net Operating Income/(Deficit)									\$126.614	\$128.991	\$2.377	1.9
Deductions from Net Operating Income:												
Capitalized Assets									0.891	0.668	0.224	25.1
Reserves									2.293	2.293	0.000	0.0
B&T Debt Service									24.903	22.662	2.241	9.0
GASB Reserves									0.000	0.000	0.000	-
Total Deductions From Operating Income									\$28.088	\$25.623	\$2.465	8.8
Total Support to Mass Transit									\$98.526	\$103.368	\$4.842	4.9

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
FEBRUARY FINANCIAL PLAN - 2017 ADOPTED BUDGET
ACCRUAL STATEMENT of OPERATIONS by CATEGORY
APRIL Year-To-Date

(\$ in millions)

	Nonreimbursable				Reimbursable				Total			
	Adopted Budget	Actual	Favorable (Unfavorable)		Adopted Budget	Actual	Favorable (Unfavorable)		Adopted Budget	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	582.420	580.475	(1.945)	(0.3)	0.000	0.000	0.000	-	582.420	580.475	(1.945)	(0.3)
Other Operating Revenue	7.143	7.675	0.532	7.5	0.000	0.000	0.000	-	7.143	7.675	0.532	7.5
Capital & Other Reimbursements	0.000	0.000	0.000	-	7.904	9.206	1.302	16.5	7.904	9.206	1.302	16.5
Investment Income	0.324	0.307	(0.018)	(5.5)	0.000	0.000	0.000	-	0.324	0.307	(0.018)	(5.5)
Total Revenue	\$589.887	\$588.456	(\$1.431)	(0.2)	\$7.904	\$9.206	\$1.302	16.5	\$597.791	\$597.662	(\$0.129)	(0.0)
Expenses												
<i>Labor:</i>												
Payroll	\$45.249	\$39.169	\$6.079	13.4	\$3.256	\$3.253	\$0.003	0.1	48.505	\$42.422	\$6.082	12.5
Overtime	9.286	9.285	0.000	0.0	0.571	0.982	(0.411)	(72.0)	9.857	10.267	(0.411)	(4.2)
Health and Welfare	10.206	8.829	1.376	13.5	0.851	0.700	0.151	17.7	11.057	9.529	1.527	13.8
OPEB Current Payment	6.386	6.551	(0.165)	(2.6)	0.000	0.000	0.000	-	6.386	6.551	(0.165)	(2.6)
Pensions	13.539	13.597	(0.058)	(0.4)	0.989	0.948	0.041	4.1	14.528	14.545	(0.017)	(0.1)
Other Fringe Benefits	6.465	5.901	0.564	8.7	0.472	0.455	0.017	3.6	6.937	6.356	0.581	8.4
Reimbursable Overhead	(1.765)	(2.868)	1.103	62.5	1.765	2.868	(1.103)	(62.5)	0.000	0.000	0.000	-
Total Labor Expenses	\$89.365	\$80.465	\$8.900	10.0	\$7.904	\$9.206	(\$1.302)	(16.5)	\$97.269	\$89.671	\$7.598	7.8
<i>Non-Labor:</i>												
Electric Power	\$1.963	\$1.184	\$0.780	39.7	0.000	\$0.000	\$0.000	-	\$1.963	\$1.184	\$0.780	39.7
Fuel	0.757	0.727	0.030	4.0	0.000	0.000	0.000	-	0.757	0.727	0.030	4.0
Insurance	5.134	3.984	1.150	22.4	0.000	0.000	0.000	-	5.134	3.984	1.150	22.4
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	31.402	26.525	4.877	15.5	0.000	0.000	0.000	-	31.402	26.525	4.877	15.5
Professional Service Contracts	11.950	17.060	(5.110)	(42.8)	0.000	0.000	0.000	-	11.950	17.060	(5.110)	(42.8)
Materials & Supplies	1.697	1.367	0.330	19.4	0.000	0.000	0.000	-	1.697	1.367	0.330	19.4
Other Business Expenses	11.208	10.168	1.040	9.3	0.000	0.000	0.000	-	11.208	10.168	1.040	9.3
Total Non-Labor Expenses	\$64.111	\$61.015	\$3.097	4.8	\$0.000	\$0.000	\$0.000	-	\$64.111	\$61.015	\$3.097	4.8
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.	\$153.476	\$141.479	\$11.997	7.8	\$7.904	\$9.206	(\$1.302)	(16.5)	\$161.380	\$150.685	\$10.695	6.6
Depreciation	\$42.618	\$37.321	\$5.296	12.4	0.000	\$0.000	\$0.000	-	42.618	\$37.321	\$5.296	12.4
OPEB Obligation	23.552	23.944	(0.392)	(1.7)	0.000	0.000	0.000	-	23.552	23.944	(0.392)	(1.7)
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.	\$219.646	\$202.745	\$16.901	7.7	\$7.904	\$9.206	(\$1.302)	(16.5)	\$227.550	\$211.951	\$15.599	6.9
Less: Depreciation	\$42.618	\$37.321	\$5.296	12.4	\$0.000	\$0.000	\$0.000	-	\$42.618	\$37.321	\$5.296	12.4
Less: OPEB Obligation	23.552	23.944	(0.392)	(1.7)	0.000	0.000	0.000	-	23.552	23.944	(0.392)	(1.7)
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	\$153.476	\$141.479	\$11.997	7.8	\$7.904	\$9.206	(\$1.302)	(16.5)	\$161.380	\$150.685	\$10.695	6.6
Net Surplus/(Deficit)	\$436.411	\$446.977	\$10.566	2.4	\$0.000	\$0.000	\$0.000	-	\$436.411	\$446.977	\$10.566	2.4

Differences are due to rounding.

*Variance exceeds 100%

MTA BRIDGES AND TUNNELS
FEBRUARY FINANCIAL PLAN - 2017 ADOPTED BUDGET
ACCRUAL STATEMENT of OPERATIONS by CATEGORY
APRIL Year-To-Date
(\$ in millions)

	Nonreimbursable				Reimbursable				Total			
	Adopted Budget	Favorable (Unfavorable)			Adopted Budget	Favorable (Unfavorable)			Adopted Budget	Favorable (Unfavorable)		
		Actual	Variance	Percent		Actual	Variance	Percent		Actual	Variance	Percent
Net Income/(Deficit)									\$436.411	\$446.977	\$10.566	2.4
Less: Capitalized Assets									7.305	2.843	\$4.462	61.1
Reserves									9.172	9.172	0.000	0.0
GASB Reserves									0.000	0.000	0.000	-
Adjusted Net Income/(Deficit)									\$419.934	\$434.962	\$15.028	3.6
Less: Debt Service									221.503	216.292	5.211	2.4
Income Available for Distribution									\$198.431	\$218.670	\$20.239	10.2
Distributable To:												
MTA - Investment Income									0.324	0.307	(0.018)	(5.5)
MTA - Distributable Income									117.543	128.987	11.444	9.7
NYCTR - Distributable Income									80.564	89.377	8.813	10.9
Total Distributable Income									\$198.431	\$218.670	\$20.239	10.2
Support to Mass Transit:												
Total Revenues									597.791	597.662	(0.129)	(0.0)
Less: Total Operating Expenses									<u>161.380</u>	<u>150.685</u>	<u>10.695</u>	6.6
Net Operating Income/(Deficit)									\$436.411	\$446.977	\$10.566	2.4
Deductions from Net Operating Income:												
Capitalized Assets									7.305	2.843	4.462	61.1
Reserves									9.172	9.172	0.000	0.0
B&T Debt Service									99.613	89.575	10.038	10.1
GASB Reserves									0.000	0.000	0.000	-
Total Deductions From Operating Income									\$116.090	\$101.590	\$14.500	12.5
Total Support to Mass Transit									\$320.321	\$345.387	\$25.066	7.8

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
FEBRUARY FINANCIAL PLAN - 2017 ADOPTED BUDGET
EXPLANATION OF VARIANCES BETWEEN BUDGET AND ACTUAL ACCRUAL BASIS
(\$ in millions)

Generic Revenue or Expense Category	Favorable/ (Unfavorable) Variance		April 2017		Favorable/ (Unfavorable) Variance		Year-to-Date	
	\$	%	Reason for Variance		\$	%	Reason for Variance	
Nonreimbursable								
Vehicle Toll Revenue	(2.333)	-1.4%	Lower toll revenue due to a 1.8% lower average toll versus budget		(1.945)	-0.3%	Lower toll revenue due to 1.3% lower average toll versus budget	
Other Operating Revenue	0.140	7.9%	Higher Other Operating Revenue primarily due to higher revenue from E-Z Pass administrative fees		0.532	7.5%	Higher Other Operating Revenue primarily due to higher revenue from E-Z Pass administrative fees	
Investment Income	(0.003)	-3.9%	Minor variance		(0.018)	-5.5%	Minor variance	
Payroll	1.208	10.7%	Lower payroll expenses against the monthly budget allocation primarily due to vacancies		6.079	13.4%	Lower payroll expenses against the YTD budget allocation primarily due to vacancies	
Overtime	(0.348)	-16.6%	See overtime tables		0.000	0.0%	See overtime tables	
Health and Welfare	0.334	13.1%	Lower expenses primarily due to vacancies and the timing of expenses against the monthly budget allocation		1.376	13.5%	Lower expenses primarily due to vacancies and the timing of expenses against the YTD budget allocation	
OPEB Current Payment	(0.037)	-2.3%	Higher expenses primarily due to the timing of expenses against the monthly budget allocation		(0.165)	-2.6%	Higher expenses primarily due to the timing of expenses against the YTD budget allocation	
Pensions	(0.070)	-2.1%	Higher expenses primarily due to the timing of expenses against the monthly budget allocation		(0.058)	-0.4%	Higher expenses primarily due to the timing of expenses against the YTD budget allocation	
Other Fringe Benefits	0.062	6.6%	Lower expenses primarily due to vacancies		0.564	8.7%	Lower expenses primarily due to vacancies	
Electric Power	0.112	22.9%	Lower electricity expenses primarily due to timing against the monthly budget allocation		0.780	39.7%	Lower electricity expenses primarily due to timing against the YTD budget allocation	
Fuel	0.100	56.1%	Lower fuel expenses primarily due to timing against the monthly budget allocation		0.030	4.0%	Lower fuel expenses primarily due to timing against the YTD budget allocation	
Insurance	0.318	24.8%	Lower insurance expenses primarily due to timing against the monthly budget allocation		1.150	22.4%	Lower insurance expenses primarily due to timing against the YTD budget allocation	
Maintenance and Other Operating Contracts	1.635	23.0%	Lower expenses primarily due to timing against the monthly budget allocation for major maintenance projects (\$1.037M) and E-Z Pass Customer Service Center costs (\$0.648M)		4.877	15.5%	Lower expenses primarily due to timing against the YTD budget allocation for major maintenance projects (\$2.532 M) and E-Z Pass Customer Service Center costs (\$1.991M)	
Professional Service Contracts	0.781	27.1%	Lower expenses primarily due to timing against the monthly budget allocation for engineering services (\$0.352M) and other outside services (\$0.202M)		(5.110)	-42.8%	Higher expenses primarily due to the timing of Bond Issuance costs (\$6.694M) partially offset by lower than budgeted amounts due to the timing of engineering services (\$0.844M) and various consulting services (\$0.429M)	
Materials & Supplies	0.036	12.2%	Lower expenses across a variety of small equipment and supply categories, due to timing, against the monthly adopted budget allocation		0.330	19.4%	Lower expenses across a variety of small equipment and supply categories, due to timing, against the YTD adopted budget allocation	
Other Business Expense	0.357	13.2%	Lower expenses primarily due to timing against the monthly budget allocation for credit card fees		1.040	9.3%	Lower expenses primarily due to timing against the YTD budget allocation for credit card fees	
Depreciation	1.309	12.3%	Variance primarily due to lower than budgeted expenses		5.296	12.4%	Variance primarily due to lower than budgeted expenses	
Other Post Employment Benefits	(0.098)	-1.7%	Higher expense due to increased actuarial assessment of OPEB obligations		(0.392)	-1.7%	Higher expense due to increased actuarial assessment of OPEB obligations	
Reimbursable								
Capital and Other Reimbursements	(0.230)	*	Lower capital reimbursements against the monthly budget allocation due to prior months billing adjustments		1.302	16.5%	Higher capital reimbursements against the YTD budget allocation.	
Payroll	0.198	24.3%	Lower than planned reimbursable expenses against the monthly budget allocation due to prior months billing adjustments		0.003	0.1%	Lower than planned reimbursable expenses against the YTD budget allocation due to prior months billing adjustments	
Overtime	(0.060)	*	See overtime tables		(0.411)	*	See overtime tables	
Health and Welfare	0.080	37.6%	Lower than planned reimbursable expenses against the monthly budget allocation due to prior months billing adjustments		0.151	17.7%	Lower than planned reimbursable expenses against the YTD budget allocation due to prior months billing adjustments	
OPEB Current Payment	0.000	-	No variance		0.000	-	No variance	
Pensions	0.067	27.1%	Lower than planned reimbursable expenses against the monthly budget allocation due to prior months billing adjustments		0.041	4.1%	Lower than planned reimbursable expenses against the YTD budget allocation due to prior months billing adjustments	
Other Fringe Benefits	0.031	26.5%	Lower than planned reimbursable expenses against the monthly budget allocation due to prior months billing adjustments		0.017	3.6%	Lower than planned reimbursable expenses against the YTD budget allocation due to prior months billing adjustments	
Reimbursable Overhead	(0.086)	*	Higher than planned reimbursable expenses against the monthly budget allocation		(1.103)	*	Higher than planned reimbursable expenses against the YTD budget allocation	

*Variance exceeds 100%

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

	April						April Year-to-Date					
	Adopted Budget		Actuals		Var. - Fav./(Unfav)		Adopted Budget		Actuals		Var. - Fav./(Unfav)	
	Hours	\$	Hours	\$	Hours	\$	Hours	\$	Hours	\$	Hours	\$
NON-REIMBURSABLE OVERTIME												
OPERATIONS & MAINTENANCE												
<u>Scheduled Service</u>	6,294	\$0.398	5,931	\$0.375	364	\$0.023	25,608	\$1.619	25,098	\$1.587	510	\$0.032
					5.8%	5.8%					2.0%	2.0%
<u>Unscheduled Service</u>	149	\$0.012	67	\$0.005	83	\$0.007	609	\$0.048	142	\$0.011	467	\$0.037
					55.4%	58.3%					76.7%	77.1%
<u>Programmatic/Routine Maintenance</u>	1,674	\$0.137	1,860	\$0.152	(186)	(\$0.015)	6,696	\$0.548	7,438	\$0.609	(742)	(\$0.061)
					-11.1%	-10.9%					-11.1%	-11.1%
<u>Unscheduled Maintenance</u>	976	\$0.080	913	\$0.075	64	\$0.005	3,908	\$0.321	3,796	\$0.312	112	\$0.009
					6.5%	6.3%					2.9%	2.8%
<u>Vacancy/Absentee Coverage</u>	15,142	\$1.000	21,096	\$1.393	(5,954)	(\$0.393)	60,820	\$4.015	73,200	\$4.832	(12,380)	(\$0.817)
					-39.3%	-39.3%					-20.4%	-20.3%
<u>Weather Emergencies</u>	143	\$0.012	5	\$0.000	138	\$0.012	10,784	\$0.827	7,765	\$0.595	3,019	\$0.232
					96.5%	100.0%					28.0%	28.1%
<u>Safety/Security/Law Enforcement</u>	2,278	\$0.151	1,432	\$0.095	847	\$0.056	9,287	\$0.614	5,602	\$0.370	3,685	\$0.244
					37.2%	37.1%					39.7%	39.7%
<u>Other</u>	160	\$0.013	3,024	\$0.246	(2,864)	(\$0.233)	640	\$0.052	3,477	\$0.282	(2,837)	(\$0.230)
					**	**					**	**
<u>*All Other Departments and Accruals</u>		\$0.288		\$0.098		\$0.190		\$1.242		\$0.687		\$0.554
						65.9%						44.6%
Subtotal	26,816	\$2.091	34,325	\$2.439	(7,509)	(\$0.348)	118,352	\$9.286	126,517	\$9.285	(8,165)	\$0.000
					-28.0%	-16.6%					-6.9%	0.0%
REIMBURSABLE OVERTIME	1,966	\$0.134	2,776	\$0.194	(810)	(\$0.060)	8,349	\$0.571	17,917	\$0.982	(9,568)	(\$0.411)
					-41.2%	-44.8%					**	-72.0%
TOTAL OVERTIME	28,782	\$2.225	37,101	\$2.633	(8,319)	(\$0.408)	126,701	\$9.857	144,434	\$10.267	(17,733)	(\$0.411)
					-28.9%	-18.3%					-14.0%	-4.2%

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 February 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>	364 5.8%	\$0.023 5.8%	Lower than planned expenses	510 2.0%	\$0.032 2.0%	Lower than planned expenses
<u>Unscheduled Service</u>	83 55.4%	\$0.007 58.3%	Lower than planned expenses	467 76.7%	\$0.037 77.1%	Lower than planned expenses
<u>Programmatic/Routine Maintenance</u>	(186) -11.1%	(\$0.015) -10.9%	Higher than planned expenses	(742) -11.1%	(\$0.061) -11.1%	Higher than planned expenses
<u>Unscheduled Maintenance</u>	64 6.5%	\$0.005 6.3%	Lower than planned expenses	112 2.9%	\$0.009 2.8%	Lower than planned expenses
<u>Vacancy/Absentee Coverage</u>	(5,954) -39.3%	(\$0.393) -39.3%	Higher than planned expenses	(12,380) -20.4%	(\$0.817) -20.3%	Higher than planned expenses
<u>Weather Emergencies</u>	138 96.5%	\$0.012 100.0%	Minor variance	3,019 28.0%	\$0.232 28.1%	Lower than planned expenses
<u>Safety/Security/Law Enforcement</u>	847 37.2%	\$0.056 37.1%	Lower than planned expenses	3,685 39.7%	\$0.244 39.7%	Lower than planned expenses
<u>Other</u>	(2,864) **	(\$0.233) **	Higher than planned expenses	(2,837) **	(\$0.230) **	Higher than planned expenses
<u>*All Other Departments and Accruals</u>		\$0.190 65.9%	Primarily due to adjustments for the 28-day OT payroll lag		\$0.554 44.6%	Primarily due to adjustments for the 28-day OT payroll lag
Subtotal	(7,509) -28.0%	(\$0.348) -16.6%		(8,165) -6.9%	\$0.000 0.0%	
REIMBURSABLE OVERTIME	(810) -41.2%	(\$0.060) -44.8%	Primarily due to the timing of billing for projects eligible for reimbursement from the capital program	(9,568) **	(\$0.411) **	Primarily due to the timing of billing for projects eligible for reimbursement from the capital program
TOTAL OVERTIME	(8,319)	(\$0.408)		(17,733)	(\$0.411)	

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%

METROPOLITAN TRANSPORTATION AUTHORITY
2017 Overtime Reporting
Overtime Legend

OVERTIME DECOMPOSITION LEGEND DEFINITIONS

<u>Type</u>	<u>Definition</u>
<i>Scheduled Service</i>	Crew book/Regular Run/Shift hours (above 8 hours) required by train crews, bus/tower/block operators, transportation supervisors/dispatchers, fare sales and collection, Train & Engineers, as well as non-transportation workers whose work is directly related to providing service (includes coverage for holidays).
<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>Program Maintenance</i> work for which overtime is planned (e.g. Railroad Tie Replacement, Sperry Rail Testing, Running Board Replacement Programs). This also includes <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 trains, buses, subway and bus stations, depots, tracks and administrative and other facilities, including derailments, tour length and weekend coverage.
<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, hurricane, 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 MTA fleet facilities, transportation routes, 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 AprilYear to date ending April 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
3.8	\$26.3	3.9	\$28.0	3.0%	6.4%	Bronx-Whitestone	14.0	\$98.2	14.4	\$101.8	2.9%	3.6%
0.7	1.4	0.7	1.5	0.9%	2.7%	Cross Bay	2.5	5.4	2.5	5.4	0.7%	0.7%
2.0	6.3	2.2	6.7	6.9%	0.2%	Henry Hudson	7.5	23.1	7.8	25.7	3.4%	1.7%
1.5	9.4	1.4	8.8	-6.8%	-3.8%	Hugh L. Carey	5.8	35.5	5.6	32.7	-4.4%	-5.3%
0.6	1.3	0.6	2.0	-0.9%	59.6%	Marine Parkway	2.3	4.9	2.2	5.5	-1.6%	13.8%
2.4	15.5	2.0	11.5	-16.5%	-23.1%	Queens Midtown	9.2	58.4	7.8	47.4	-15.3%	-18.2%
2.5	18.2	2.3	18.9	-6.1%	4.1%	RFK - Bronx	9.3	68.7	9.0	68.7	-2.5%	0.1%
2.7	16.8	2.7	17.4	0.1%	3.7%	RFK - Manhattan	10.0	63.2	10.1	63.6	0.1%	0.7%
3.6	27.9	3.7	29.7	3.7%	6.5%	Throgs Neck	13.4	104.0	13.5	105.8	0.8%	1.7%
5.7	32.1	5.9	34.2	2.5%	6.8%	Verrazano-Narrows	21.7	121.0	22.1	124.7	1.7%	3.1%
25.5	\$155.0	25.3	\$158.8	-0.5%	2.4%	Total	95.7	\$582.3	95.0	\$581.5	-0.8%	-0.1%
	<u>\$6.089</u>		<u>\$6.268</u>		<u>2.9%</u>	Revenue Per Vehicle		<u>\$6.083</u>		<u>\$6.124</u>		<u>0.7%</u>

Note: Numbers may not add due to rounding.

*Toll increase implemented March 19, 2017

Comparison Actual vs. Adopted Budget:

Apr Budget		Apr Actual		Percentage Change			YTD Budget		YTD Actual		Percentage Change	
Traffic	Revenue	Traffic	Revenue	Traffic	Revenue		Traffic	Revenue	Traffic	Revenue	Traffic	Revenue
25.3	161.1	25.3	158.8	0.3%	-1.4%	Total All	93.9	\$582.4	95.0	\$581.5	1.1%	-0.2%
	<u>\$6.381</u>		<u>\$6.268</u>		<u>-1.8%</u>	Revenue Per Vehicle		<u>\$6.202</u>		<u>\$6.124</u>		<u>-1.3%</u>

MTA BRIDGES AND TUNNELS
FEBRUARY FINANCIAL PLAN - 2017 ADOPTED BUDGET
TOTAL POSITIONS BY FUNCTION AND DEPARTMENT
NON-REIMBURSABLE/REIMBURSABLE and FULL-TIME POSITIONS/FULL-TIME EQUIVALENTS
April 2017

Department	Adopted Budget	Actual	Favorable (Unfavorable) Variance	Explanation of Variances
Administration				
Executive	8	4	4	4 Professional vacancies
Law ⁽¹⁾	16	10	6	6 Professional vacancies
CFO ⁽²⁾	25	25	-	
Administration ⁽³⁾	38	41	(3)	3 Professional overages
EEO	2	1	1	1 Managerial vacancy
Total Administration	89	81	8	
Operations				
Revenue Management	43	39	4	2 Managerial and 2 Professional vacancies
Operations (Non-Security)	542	473	69	51 Managerial vacancies, 28 BTO vacancies and 10 Professional overages
Total Operations	585	512	73	
Maintenance				
Maintenance	202	196	6	7 Managerial vacancies and 1 Managerial overage
Operations - Maintainers	181	164	17	17 Maintainer vacancies
Total Maintenance	383	360	23	
Engineering/Capital				
Engineering & Construction	192	158	34	8 Managerial and 26 Professional vacancies
Safety & Health	10	9	1	1 Professional vacancy
Law ⁽¹⁾	22	18	4	4 Professional vacancies
CFO-Planning & Budget Capital	29	19	10	6 Managerial and 4 Professional vacancies
Total Engineering/Capital	253	204	49	
Public Safety				
Operations (Security)	232	232	-	
Internal Security - Operations	47	36	11	4 Managerial and 7 Professional vacancies
Total Public Safety	279	268	11	
Total Positions	1,589	1,425	164	
Non-Reimbursable	1,502	1,338	164	
Reimbursable	87	87	-	
Total Full-Time	1,589	1,425	164	

(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
FEBRUARY FINANCIAL PLAN - 2017 ADOPTED BUDGET
TOTAL POSITIONS BY FUNCTION AND OCCUPATION
FULL-TIME POSITIONS and FULL-TIME EQUIVALENTS
April 2017

	Adopted Budget	Actual	Favorable (Unfavorable) Variance	Explanation of Variances
Administration				
Managers/Supervisors	31	26	5	4 vacancies in CFO and 1 vacancy in EEO
Professional, Technical, Clerical	58	55	3	4 vacancies in Executive, 6 vacancies in Law, 3 overages in Administration and 4 overages in CFO
Operational Hourlies	-	-	-	
Total Administration	89	81	8	
Operations				
Managers/Supervisors	216	163	53	51 vacancies in Operations and 2 vacancies in Revenue Management
Professional, Technical, Clerical	33	41	(8)	2 vacancies in Revenue Management and 10 overages in Operations
Operational Hourlies ⁽¹⁾	336	308	28	28 BTO vacancies in Operations
Total Operations	585	512	73	
Maintenance				
Managers/Supervisors	22	15	7	7 vacancies in Maintenance
Professional, Technical, Clerical	18	19	(1)	1 Overage in Maintenance
Operational Hourlies ⁽²⁾	343	326	17	17 Maintainer vacancies in Operations
Total Maintenance	383	360	23	
Engineering/Capital				
Managers/Supervisors	55	41	14	8 vacancies in Engineering and 6 in CFO
Professional, Technical, Clerical	198	163	35	26 vacancies in Engineering, 4 in CFO, 4 in Law, and 1 in Safety and Health
Operational Hourlies	-	-	-	
Total Engineering/Capital	253	204	49	
Public Safety				
Managers/Supervisors	48	44	4	4 vacancies in Internal Security
Professional, Technical, Clerical	35	28	7	7 vacancies in Internal Security
Operational Hourlies ⁽³⁾	196	196	-	
Total Public Safety	279	268	11	
Total Positions				
Managers/Supervisors	372	289	83	
Professional, Technical, Clerical	342	306	36	
Operational Hourlies	875	830	45	
Total Positions	1,589	1,425	164	

(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

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Capital Program Project Status Report May 2017

MTA BRIDGES & TUNNELS
CAPITAL PROGRAM
STATUS REPORT
MAY 26, 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 May, 19 commitments were made with a total value of \$102.2 million compared to the plan calling for 3 commitments with a total value of \$11.3 million from the 2017 Plan (See *Attachment 1, 2017 Commitment Chart; Attachment 7 – 2017 Commitment Plan*).

Four commitments were made for \$0.8 million against the 2016 Commitment Plan in May (See *Attachment 9, 2016 Commitment Plan*).

The most notable commitment made in May is as follows:

- HH89 – Design-Build for the Skewback Retrofit at the Henry Hudson Bridge \$85.7M

Year to date, 88 commitments have been made with a total value of \$362.3 million against a plan calling for 42 commitments with a total value of \$317.8 million from the 2017 plan. Additionally 10 commitments have been made with a total value of \$31.8 million from the 2016 plan against a plan calling for 15 commitments with a value of \$34.0 million from the 2016 plan.

In aggregate, 98 commitments totaling \$394.1 million have been made to date, against a plan of 57 commitments with a total value of \$351.8 million.

Completions

In May six projects were completed for \$393.5 million accomplishing 76% of yearly goal of \$527.5 million. (See *Attachment 3 - 2017 Completion Chart; Attachment 4 – 2017 Major Project Completions; Attachment 5 - 2017 Project Completion Plan*). The following are the major projects:

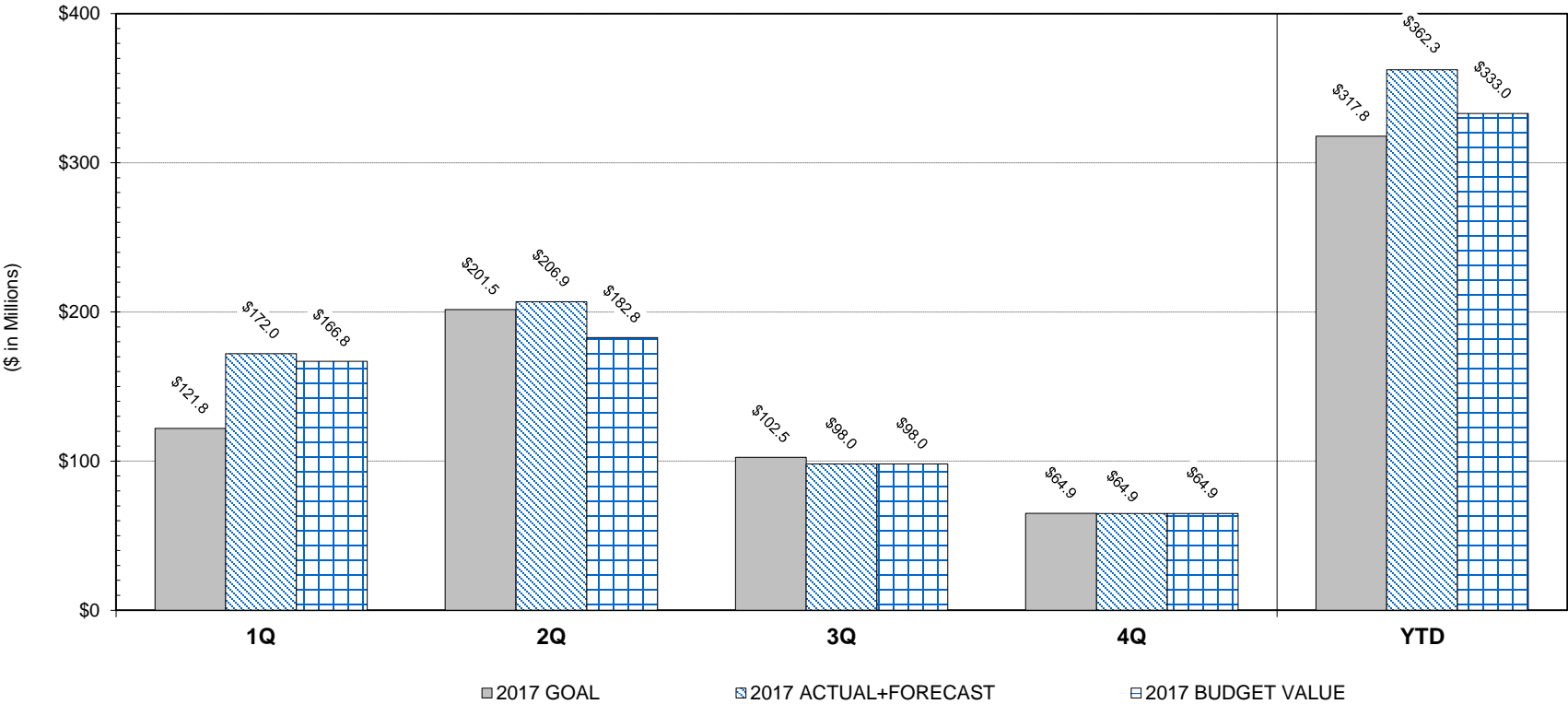
- | | |
|--|----------|
| • VN35-Steel Repair & Concrete Rehabilitation and Drainage Systems | \$11.1M |
| • VN80-VN80C Bus /HOV Access Improvement | \$84.8M |
| • VN35-Paint Brooklyn Staten Island Lower Level Ramp | \$15.9M |
| • VN80-VN80B Replace Upper Level Suspended Span | \$243.9M |
| • VN80-Paint Upper Level Superstructure | \$32.9M |

Close-outs

There were 7 task level closeouts in May for \$0.17 million. Year to date there are 46 task level closeouts for \$88.7 million. (See *Attachment 6 – 2017 Task Level Closeouts*).

MTA Bridges and Tunnels
Commitments as of May 31, 2017

2017 Budget Goal:	\$490.8	
2017 Annual Forecast	\$541.8	
YTD Goal:	\$317.8	
YTD Actual:	\$362.3	(114.0% of YTD Goal)
YTD Budgeted Value:	\$333.0	(104.8% of YTD Goal)
Left to Commit:	\$179.5	



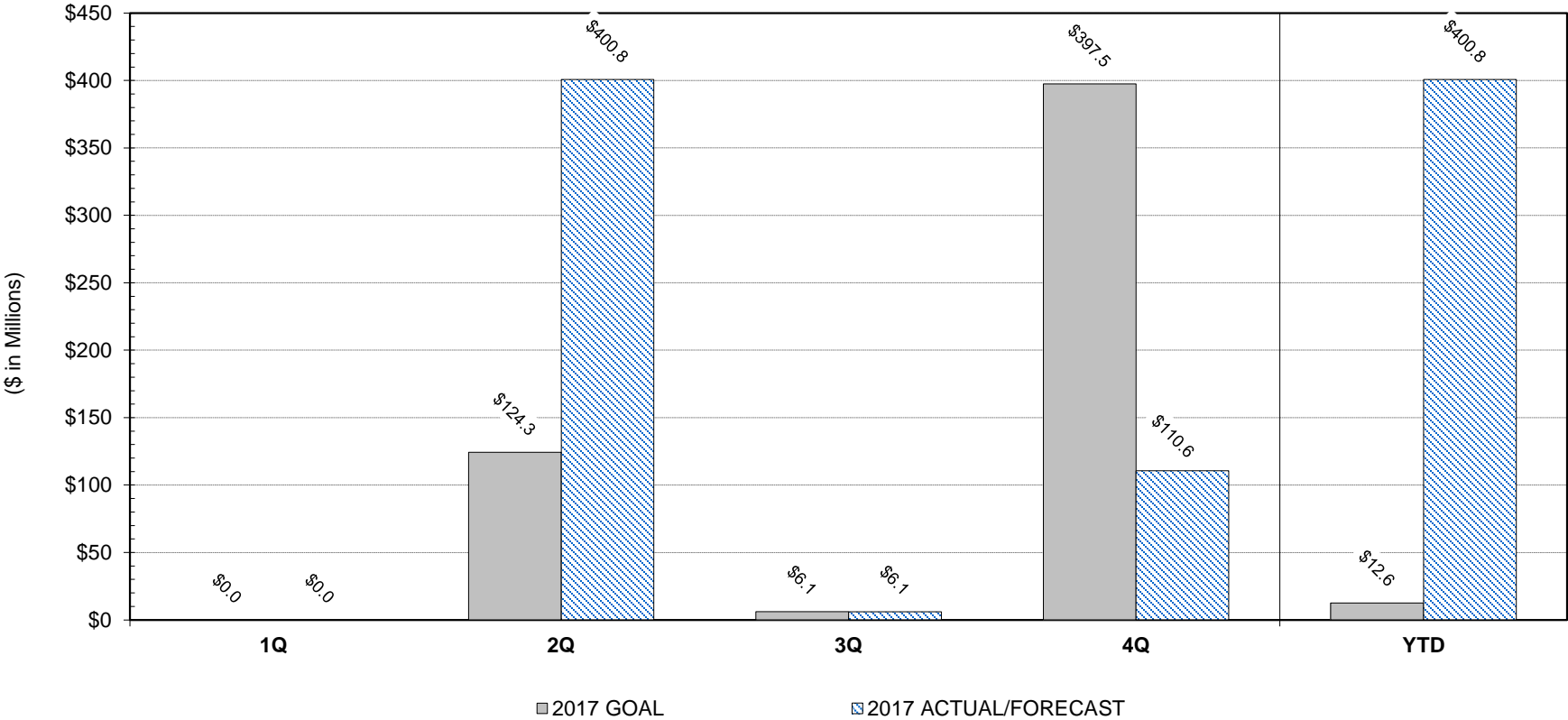
MTA Bridges and Tunnels: Status of Major Commitments as of May 31, 2017

Project		Budget (\$ in Millions)			Award Date				Notes
		2017 Goal	Actual / Forecast*	Budgeted Value	2016 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	\$24.7	\$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	Jul-17	F	
D704RK60	Install Electronic Monitoring & Detection Systems	\$34.3	\$34.3	\$34.3	Jul-17	Apr-16	Jul-17	F	
D701RK22	Interim Repairs - FDR Ramp	\$20.0	\$20.0	\$20.0	Sep-17	Apr-17	Sep-17	F	
D704RK07	Electrical/Mechanical Rehab of HR Lift Span	\$17.0	\$17.0	\$17.0	Nov-17	Jan-17	Nov-17	F	
D701VN34	Main Cable & Suspender Rope Testing - Phase 1	\$33.7	\$33.7	\$33.7	Nov-17	Apr-17	Nov-17	F	

1. Construction task will be procured through on-call construction contracts or change orders to existing capital projects.

MTA Bridges and Tunnels
Completions as of May 31, 2017

2017 Budget Goal:	\$527.9
2017 Annual Forecast:	\$517.5
YTD Goal:	\$12.6
YTD Actual:	\$400.8 (3190.8% of YTD Goal)
Left to Complete:	\$116.7



MTA Bridges and Tunnels: Status of Major Completions as of May 31, 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	98%	0%	Jun-17	May-17	A	
D602VN80	Replace Upper Level Suspended Span; VN80C: Bus/HOV Access Improvement	\$84,780,020	\$84,780,020	98%	72%	Jun-17	May-17	A	
D607VN35	Paint - Brooklyn & Staten Island Lower Level Ramps	\$15,893,313	\$15,893,313	98%	0%	Jun-17	May-17	A	
D601RK23	Miscellaneous Rehab - Manhattan Approach Ramps	\$102,947,301	\$102,947,301	76%	0%	Oct-17	Oct-17	F	
D602VN80	VN80B Replace Upper Level Suspended Span	\$243,929,977	\$243,929,977	96%	0%	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	80%	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	May-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			Sep-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				
<u>Unplanned Completions</u>									
			Grand Total:	\$527,853,817	\$527,853,817		\$400,801,110	Remaining	\$116,716,837

* 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	CERTIFICATE 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.- Suspende 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 Grade Approach	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 DATE	CERTIFICATE 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. Phl(PSC-08-2849A,WO#33)	E00001507A	May-17	\$54,216
Total					46	\$88,742,844

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			Jun-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			Jun-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	\$37,911,250		
				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			Jun-17	\$750,000
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	CSS	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			Jun-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			Jun-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			Jun-17	\$3,700,000
D707RK70	Paint Suspended Span/Bronx Truss Steel	D03670	Design	Apr-17	\$330,000	\$330,000			Jun-17	\$330,000
D701RK19	Seismic/Wind Retrofit & Structural Rehab Ph1	D03592	Design	Apr-17	\$3,500,000	\$3,500,000			Jun-17	\$3,500,000
				Apr-17 Total	\$184,667,208	\$156,597,703				
D702TN55	Study for Bx/Queens Approach Viaduct Replacement	D03694	PM Design Study F/A	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			Jun-17	\$1,700,000
D705AW66	Operations Command Center Replacement	D03958	OCCC Workstation equipment purchases	Jun-17	\$200,000	\$200,000			Jun-17	\$200,000
D505QM01	Service Building Rehab.	D03959	Renovate Bathroom/Kitchens -Svc. & Vent Bldgs Ph.5	Jun-17	\$1,400,000	\$1,400,000			Jun-17	\$1,400,000
D701RK20	Cable Inspection and Rehabilitation	D03608	Design	Jun-17	\$2,221,243	\$2,221,243			Jun-17	\$2,221,243
				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			Jul-17	\$1,727,250
D704BW39	Install Electronic Monitoring & Detection Systems	D03560	CSS	Jul-17	\$1,000,000	\$1,000,000			Jul-17	\$1,000,000
D704BW39	Install Electronic Monitoring & Detection Systems	D03566	Design/Build	Jul-17	\$22,955,703	\$22,955,703			Jul-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			Jul-17	\$2,263,689
D704RK60	Install Electronic Monitoring & Detection Systems	D03649	CSS	Jul-17	\$1,000,000	\$1,000,000			Jul-17	\$1,000,000
D704RK60	Install Electronic Monitoring & Detection Systems	D03650	Design/Build	Jul-17	\$34,270,492	\$34,270,492			Jul-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			Aug-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			Sep-17	\$500,000
D701RK22	Interim Repairs - FDR Ramp	D03625	PM Construction F/A	Sep-17	\$400,000	\$400,000			Sep-17	\$400,000
D701RK22	Interim Repairs - FDR Ramp	D03626	Construction Administration	Sep-17	\$2,300,000	\$2,300,000			Sep-17	\$2,300,000
D701RK22	Interim Repairs - FDR Ramp	D03627	CSS	Sep-17	\$600,000	\$600,000			Sep-17	\$600,000
D701RK22	Interim Repairs - FDR Ramp	D03628	Construction	Sep-17	\$20,000,000	\$20,000,000			Sep-17	\$20,000,000
D705RK58	Rehab Robert Moses Bldg & Ancillary Facilities	D03639	PM Design F/A	Sep-17	\$800,000	\$800,000			Sep-17	\$800,000
D705RK58	Rehab Robert Moses Bldg & Ancillary Facilities	D03640	Design	Sep-17	\$2,000,000	\$2,000,000			Sep-17	\$2,000,000
D601TN52	Miscellaneous Structural Rehabilitation	D03960	TN52-A1-Construction - Catwalk	Sep-17	\$4,800,000	\$4,800,000			Sep-17	\$4,800,000
D601TN52	Miscellaneous Structural Rehabilitation	D03961	TN52-A1-Const. Adm. - Catwalk	Sep-17	\$600,000	\$600,000			Sep-17	\$600,000
D601TN52	Miscellaneous Structural Rehabilitation	D03962	TN52-A1-PM Construction F/A	Sep-17	\$220,000	\$220,000			Sep-17	\$220,000
D601TN52	Miscellaneous Structural Rehabilitation	D03963	TN52-A1-Flag Repairs	Sep-17	\$2,520,000	\$2,520,000			Sep-17	\$2,520,000
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 Admin.	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		

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	D03971	ORT-Asb. AbateConduit Remv.(ETS/12HS2894C			\$147,265	Mar-17	\$147,265		
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 Maint F/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			\$184,398	Mar-17	\$184,398		
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		
Grand Total					\$490,750,758	\$501,488,092	YTD Total	\$362,309,293	Remaining	\$179,494,285
									Grand Total	\$541,803,578

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 Date	Goal Value	Budget Value	Actual Start Date	Actual Value	Forecast Start Date	Forecast Value
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			Jun-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			Jun-17	\$200,000
D704HC64	Brooklyn Service Building Electrical Rehab.	D03735	PM Design F/A & D/B RFP Dev.	Sep-16	Apr-17	\$224,973	\$224,973			Jun-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			Jun-17	\$200,000
D707VN49	Painting of Suspended Span Upper & Lower Level Steel & Truss	D03827	In-House Design F/A	Oct-16	Apr-17	\$285,000	\$285,000			Jun-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			Jun-17	\$1,871,967
D603AW35	Replacement of Weather Information Systems	D03326	Capital Materials Purchase		Jun-17	\$25,000	\$25,000			Jun-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			Sep-17	\$800,000
D704RK21	Installation of Fire Standpipe & Upgrade of Fire Protection System	D03398	Operations F/A		Sep-17	\$243,331	\$243,331			Sep-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	\$31,827,868	Remaining	\$4,460,172
										Grand Total	\$36,288,040

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 June 2017



Staff Summary

Subject:	Request for Authorization to Award Various Procurements
Department:	Procurement
Department Head Name	M. Margaret Terry <i>MMT</i>
Department Head Signature	
Project Manager Name	Various

Date:	06/02/2017
Vendor Name	
Contract Number	
Contract Manager Name	
Table of Contents Ref #	

Board Action					
Order	To	Date	Approval	Info	Other
1	President	06/02/2017	<i>AP</i>		
2	MTA B&T Committee	06/19/2017			
3	MTA Board	06/21/2017			

Internal Approvals			
Order	Approval	Order	Approval
	President		VP Operations
	Executive Vice President	<i>AP</i>	VP & Chief Engineer
	SVP & General Counsel		VP & Chief Procurement Officer <i>BB</i>
	VP & Chief Financial Officer <i>AP</i>		

Internal Approvals (cont.)							
Order	Approval	Order	Approval	Order	Approval	Order	Approval
	Chief Financial Officer		Chief Technology Officer		Chief Health & Safety Officer		Chief EEO Officer
	Chief Security Officer		Chief Maintenance Officer		MTA Office of Civil Rights		

PURPOSE:

To obtain approval of the Board to award various contracts and purchase orders, and to inform the MTA B&T Committee of these procurement actions.

DISCUSSION:

MTA B&T proposes to award Non-Competitive procurements in the following categories: None

MTA B&T proposes to award Competitive procurements in the following categories:

Schedules Requiring Majority Vote:

	# of Actions	\$ Amount
Schedule E: Miscellaneous Procurement Contracts	1	\$ 3.567M
Schedule F: Personal Service Contracts	1	\$ 1.368M
Schedule H: Modifications to Personal Service Contracts and Miscellaneous Service Contracts	1	\$ 2.000M
Schedule I: Modifications to Purchase and Public Works Contracts	5	\$ 33.102M

SUBTOTAL 8 \$ 40.037M

MTA B&T presents the following procurement actions for Ratification: None

TOTAL 8 \$ 40.037M

BUDGET IMPACT:

The purchases/contracts will result in obligating MTA B&T and Capital funds in the amount listed. Funds are available in the current MTA B&T operating/capital budgets for this purpose.

RECOMMENDATION:

That the purchases/contracts be approved as proposed. (Items are included in the resolution of approval at the beginning of the Procurement Section.)
The legal name of MTA Bridges and Tunnels is Triborough Bridge and Tunnel Authority.

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
JUNE 2017

MTA BRIDGES & TUNNELS

Procurements Requiring Majority Vote:

E: Miscellaneous Procurement Contracts

(Staff Summaries required for items greater than: \$100K Sole Source; \$250K Other Non-Competitive)

- | | | |
|--------------------------|------------------------|--------------------------------------|
| 1. Vaisala, Inc. | \$ 3,566,609.00 | <u>Staff Summary Attached</u> |
| Contract No. 16-MNT-2956 | | |

6 yrs, Competitive RFP

B&T is seeking Board approval in accordance with the All Agency General Contract Procurement Guidelines to award a competitively solicited miscellaneous procurement contract in order to Design, Upgrade and Maintain a Roadway Weather Information System (RWIS).

F: Personal Service Contracts

(Staff Summaries required for items greater than: \$100K Sole Source; \$250K Other Non-Competitive; \$1M Competitive)

- | | | |
|---|------------------------|--------------------------------------|
| 1. Ammann & Whitney / Parsons JV | \$ 1,367,570.00 | <u>Staff Summary Attached</u> |
| Contract No. PSC-16-2999 | | |

5 yrs, 6 mo. Contract- Competitive RFP

B&T is seeking Board approval under the All Agency Service Contract Procurement Guidelines to award a personal service contract to provide Design and Construction Support Services for RK-20 Main Bridge Cable Inspection and Rehabilitation at the Robert F. Kennedy Bridge (RFK).

H: Modifications to Personal Service Contracts and Miscellaneous Service Contracts Awarded as Contracts for Services

(Approvals/Staff Summaries required for substantial change orders and change orders that cause original contract to equal or exceed monetary or durational threshold required for Board approval)

- | | | |
|---|------------------------|--------------------------------------|
| 1. Jacobs Civil Consultants, Inc. | | |
| Atkins, P.A. d/b/a Atkins Architecture | \$ 2,000,000.00 | <u>Staff Summary Attached</u> |
| and Engineering | | |
| Contract Nos. PSC-13-2941A | | |
| PSC-13-2941B | | |

3 yrs, 2 mo. Contract- Competitive RFP

B&T is seeking Board Approval in accordance the All Agency Service Contract Procurement Guidelines to amend the personal service contracts in order to provide additional support and technical consulting services in toll collection and toll violation enforcement at all of the Authority's facilities.

LIST OF COMPETITIVE PROCUREMENTS FOR BOARD APPROVAL
JUNE 2017

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. **Tully Construction Co., Inc.** **\$ 11,531,318.00** **Staff Summary Attached**
Contract No. BB-28S

3 yrs, 3mo. Contract- Competitive RFP

B&T is seeking Board Approval under the All Agency General Contract Procurement Guidelines to amend a public work contract, Contract BB-28S, with Tully Construction Co., Inc. (Tully) to: furnish and install electrical and LED lighting upgrades at the Manhattan and Brooklyn Plazas to modernize the plazas and coordinate with the new Open Road Tolling (ORT) gantries and furnish and install additional fire standpipe insulation.

2. **Judlau Contracting, Inc.** **\$ 9,800,000.00** **Staff Summary Attached**
Contract No. QM-40S

3 yrs. 2 mo Contract- Competitive RFP

B&T is seeking Board approval under the All Agency General Contract Procurement Guidelines to amend public work contract to fabricate, furnish and install architectural enhancements that include tower structures to modernize the plazas and coordinate with the new Open Road Tolling (ORT) gantries; and provide paving services.

3. **Kiska Construction, Inc.** **\$ 6,479,010.06** **Staff Summary Attached**
Contract No. MP-03/MP 16

2 yrs. 11 mo Contract- Competitive Bid

B&T is seeking Board approval under the All Agency General Contract Procurement Guidelines to amend public work contract for long lead time LED lighting materials to modernize the plazas' appearances, including the new towers to coordinate with the Open Road Tolling (ORT) gantries and related equipment for the Marine Parkway-Gil Hodges Memorial Bridge (MPB) and Cross Bay Veterans Memorial Bridge (CBB) and to purchase two (2) transformers for the rehabilitation of the MPB lift span.

4. **DeFoe Corp.** **\$ 3,665,502.00** **Staff Summary Attached**
Contract No. RK-23A

2 yrs., 11 mo. Contract- Competitive Bid

B&T is seeking Board Approval under the All Agency General Contract Procurement Guidelines to amend a public works contract to install foundations, paint gantry pipes, fiber optic integration and fabricate, furnish and install tower structures as architectural enhancements of the Open Road Tolling (ORT) gantries at the Manhattan Plaza of the RFK Bridge.

LIST OF COMPETITIVE PROCUREMENTS FOR BOARD APPROVAL
JUNE 2017

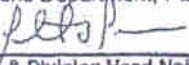
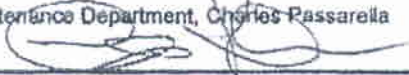




5. **Selex ES, Inc. (d/b/a ELSAG North America)** **\$ 1,626,235.00** **Staff Summary Attached**
 Contract No. PO 3000002520

4 yrs, 11 mo. Contract- Competitive Ride NYSOGS

B&T is seeking Board approval under the All Agency General Contract Procurement Guidelines to amend a purchase contract to continue the procurement of Selex's proprietary advanced License Plate Recognition System (LPRS) to strengthen safety, security and law enforcement efforts in accordance with the terms and conditions of the New York State Office of General Services (NYSOGS) Contract PC66814.

Staff Summary

Page 1 of 2

Item Number 1 (Final)					
Dept & Dept Head Name: Operations Department, Patrick Parisi 					
Division & Division Head Name: Maintenance Department, Charles Passarella 					
Board Reviews					
Order	To	Date	Approval	Info	Other
1	President				
2	MTA B&T Committee				
3	MTA Board				
Internal Approvals					
Order	Approval	Order	Approval		
1	Chief Maintenance Officer 	4	Chief Procurement Officer		
2	VP & Chief Financial Officer 	5	Executive Vice President 		
3	VP & General Counsel	6	President 		

SUMMARY INFORMATION	
Vendor Name Vaisala, Inc.	Contract Number 16-MNT-2956
Description Design, Upgrade and Maintain Roadway Weather Information System (RWIS)	
Total Amount \$3,566,609	
Contract Term (Including Options, if any) Six (6) years	
Option(s) included in Total Amount? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Renewal? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Procurement Type <input checked="" type="checkbox"/> Competitive <input type="checkbox"/> Non-competitive	
Solicitation Type <input checked="" type="checkbox"/> RFP <input type="checkbox"/> Bid <input type="checkbox"/> Other:	
Funding Source <input checked="" type="checkbox"/> Operating <input checked="" type="checkbox"/> Capital <input type="checkbox"/> Federal <input type="checkbox"/> Other:	

Narrative

I. PURPOSE/RECOMMENDATION

B&T is seeking Board approval in accordance with the All-Agency Procurement Guidelines to award a competitively solicited miscellaneous procurement contract, Contract 16-MNT-2956 to Vaisala, Inc., located at 194 South Taylor Avenue, Louisville, CO 80027 to Design, Upgrade and Maintain a Roadway Weather Information System (RWIS) in the amount of \$3,566,609 over a period of six (6) years.

II. DISCUSSION

B&T requires the services of an experienced firm to upgrade and modify the existing Weather Recording System equipment located at the Verrazano-Narrows, Robert F. Kennedy (Manhattan, Bronx & Queens spans), Bronx-Whitestone, Throgs Neck, Henry Hudson, Cross Bay and Marine Park Bridges. The RWIS helps to ensure customer safety by providing information on the type and amounts of precipitation, wind speed and temperature to enable real-time evaluation of roadway conditions. Operations personnel use the system to monitor weather conditions and maintain safe roadways. The RWIS system is essential to the Authority's efforts to meet its critically important customer and employee safety goals.

The requirements were publicly advertised. Eight hundred and seventeen (817) firms were sent letters. Nine (9) firms requested a copy of the solicitation and proposals were received from one (1) firm Vaisala, Inc. After review, the selection

(rev. 3/22/07)

After review, the selection committee deemed the proposal technically sufficient and recommended that the Authority conduct negotiations with Vaisala. Vaisala demonstrated that their firm possess a significant level of experience and knowledge on the RWIS system and is the incumbent contractor for the existing RWIS system at TBTA and has always performed satisfactorily.

The Authority conducted a market survey to ascertain the limited response from the marketplace. Vendors requesting the RFP were contacted and questioned. The survey disclosed two main reasons: (i) the number of firms that perform this type of RWIS work is limited and (ii) most firms that showed an interest in the project only wanted to perform the design work. Visalia, was the only firm that expressed interest in performing the design, installation and maintenance of the system. It also noted that Visalia's has contracts with Port Authority of NYNJ, South Jersey Transportation Authority and New Jersey DOT for RWIS systems. Therefore, the Authority sees no benefits to resolicit the RFP.

Vaisala submitted a proposal in the amount of \$3,566,609. The project manager's estimate is \$3,349,861. The proposal is 6.08% above the estimate and is considered to be fair and reasonable. The contract contains two two-year options that may be exercised and funded at a later time.

III. D/M/WBE INFORMATION

The MTA DDCR has established M/WBE goals of 0% and 0%, respectively, for the contract due to insufficient availability of M/WBE firms in the marketplace.

IV. IMPACT ON FUNDING

Funding in the amount of \$2,728,841 is available in the Capital Budget under D603AW35.

Funding in the amount of \$837,768 is available in the Operating Budget under GL #713131.

V. ALTERNATIVES

There are no recommended alternatives. The Authority does not possess the resources required to perform these services.

Staff Summary

Page 1 of 2

Item Number 2 (Final)					
Dept & Dept Head Name: Engineering & Construction, Joe Keane P.E. <i>Joe Keane</i>					
Division & Division Head Name: Engineering & Construction, Walter Hickey, P.E.					
Board Reviews					
Order	To	Date	Approval	Info	Other
1	President	6/2/17	<i>W</i>		
2	MTA B&T Committee	6/19/17			
3	MTA Board	6/21/17			
Internal Approvals					
Order	Approval	Order	Approval		
1	Chief Financial Officer <i>Sub for MC</i>	4	Chief of Staff		
2	General Counsel <i>MMT</i>	5	Executive Vice President <i>AP</i>		
3	Chief Procurement Officer <i>BB</i>	6	President <i>W</i>		

SUMMARY INFORMATION	
Vendor Name Ammann & Whitney / Parsons JV	Contract Number PSC-16-2999
Description Design and Construction Support Services for RK-20 Main Bridge Cable Inspection and Rehabilitation at the Robert F. Kennedy Bridge	
Total Amount \$1,367,570.00	
Contract Term (including Options, if any) Five (5) Years, Six (6) Months	
Option(s) included in Total Amount? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Renewal? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Procurement Type <input checked="" type="checkbox"/> Competitive <input type="checkbox"/> Non-competitive	
Solicitation Type <input checked="" type="checkbox"/> RFP <input type="checkbox"/> Bid <input type="checkbox"/> Other:	
Funding Source <input type="checkbox"/> Operating <input checked="" type="checkbox"/> Capital <input type="checkbox"/> Federal <input type="checkbox"/> Other:	

Narrative

PURPOSE/RECOMMENDATION

B&T is seeking Board approval under the All Agency Service Contract Procurement Guidelines to award a personal service contract to provide Design and Construction Support Services for RK-20 Main Bridge Cable Inspection and Rehabilitation at the Robert F. Kennedy Bridge (RFK) to Ammann & Whitney / Parsons JV (AWPJV) in the agreed upon amount of \$1,367,570.00 for a duration of five (5) years, six (6) months.

DISCUSSION

B&T requires the services of an engineering consultant to provide design and construction support services for RK-20 Main Bridge Cable Inspection and Rehabilitation at the RFK Bridge. The Contract requires the Consultant to inspect, select and test main cable wires to determine the condition and strength of the bridge main cable wires in accordance with the industry guidelines. The consultant will prepare plans and specifications for the in-depth inspections; provide field services and laboratory testing of cable wire specimens; perform analysis and modeling to determine the cable wires strength and condition and prepare a final report.

The service requirements were publicly advertised and three (3) firms submitted qualification information. All three (3) firms were chosen to receive the Request For Proposal (RFP) based on a review of their qualifications and the three (3) firms submitted proposals: AWPJV \$1,399,321.00; AECOM USA, Inc. \$964,685.00; and Modjeski and Masters, Inc. \$1,160,016.98. The proposals were evaluated against established criteria set forth in the RFP including an understanding of the technical requirements and expertise, qualifications of proposed personnel, oral presentations and cost. The Selection Committee unanimously selected AWPJV based on: (a) demonstrated extensive experience with cable

Staff Summary

inspection and strength evaluation projects; (b) AWPJV provided an in-depth description of their technical approach during the oral presentations which demonstrated their superior understanding of the project and the related issues; (c) this JV team recommended specific modifications to the current industry guideline (NCHRP 534) to more accurately assess and model the existing cable condition and evaluate the cable strength; (d) their highly qualified team of engineers and inspectors has better knowledge and understanding of the site specific live load on the RFK bridge that would be critical for an accurate determination of the strength of the main cable.

AWPJV submitted a cost proposal in the amount of \$1,399,321.00. The Engineer's estimate is \$2,190,000.00. Negotiations resulted in B&T and AWPJV agreeing to a cost totaling \$1,367,570.00, which is 38% below the estimate and is considered fair and reasonable. AWPJV is considered to be a responsible consultant. All three proposing firms—AWPJV, AECOM USA, Inc. (AECOM) and Modjeski & Masters, Inc. provided cost proposals based on their understanding of the scope of work, past experience, and offered their best and competitive prices. However, AWPJV's proposed manhours most realistically reflect the anticipated level of effort needed to complete the main cable inspection and cable strength modeling tasks.

In connection with a previous contract awarded to the Louis Berger Group, Inc. (LBG), LBG was found to be responsible not withstanding significant adverse information pursuant to the All-Agency Responsibility Guidelines and such responsibility finding was approved by the MTA Chairman and Chief Executive Officer on November 12, 2015 in consultation with the MTA General Counsel. On May 23, 2017, the Authority was notified that Ammann & Whitney Consulting Engineers, Inc. (A&W) would be integrated into Louis Berger U.S., which is a member of the LBG family of corporations. As a result, the significant adverse information which related to LBG was now identified as applying to A&W and therefore constituted new significant adverse information for A&W. A&W was found to be responsible notwithstanding such new significant adverse information and the award of the Contract is subject to the approval of such responsibility finding by the Interim Executive Director in consultation with the Acting MTA General Counsel.

D/M/WBE INFORMATION

MTA Department of Diversity and Civil Rights have assigned goals of 15% MBE and 15% WBE on this contract. Ammann and Whitney and Parsons Transportation Group have achieved their M/WDBE goals on recent substantially completed MTA Contracts.

IMPACT ON FUNDING

Funding is available in the 2015-2019 Capital Program under D701RK-20, Task #D03608 in the amount of \$1,367,570.

ALTERNATIVES

There are no recommended alternatives. B&T does not have the resources needed to perform these services.

Schedule H: Modifications to Personal Service Contracts and Miscellaneous Service Contracts

Item Number: 3 (Final)

Vendor Name (& Location) Jacobs Civil Consultants, Inc. Atkins, P.A. dba Atkins Architecture and Engineering		Contract Number PSC-13-2941A, PSC-13-2941B	AWO/Modification
Description Miscellaneous Toll Collection Consultant Support Services On An As-Needed Basis		Original Amount: \$3,000,000	
Contract Term (including Options, if any) September 30, 2013 – November 30, 2016		Prior Modifications: \$0.00	
Option(s) included in Total Amount? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Prior Budgetary Increases: \$0.00	
Procurement Type <input checked="" type="checkbox"/> Competitive <input type="checkbox"/> Non-competitive		Current Amount: \$3,000,000	
Solicitation Type <input checked="" type="checkbox"/> RFP <input type="checkbox"/> Bid <input type="checkbox"/> Other:		This Request: \$2,000,000	
Funding Source <input checked="" type="checkbox"/> Operating <input checked="" type="checkbox"/> Capital <input type="checkbox"/> Federal <input type="checkbox"/> Other:		% of This Request to Current Amount: 60%	
Requesting Dept/Div & Dept/Div Head Name: Operations Dept., Toll System Maintenance Div., Patrick Parisi		% of Modifications (including This Request) to Original Amount: 60%	

Discussion

B&T is seeking Board Approval in accordance the All-Agency Guidelines for Procurement of Services to amend a personal service Contract No.'s PSC-13-2941A with Jacobs Civil Consultants, Inc. (JCCI) and PSC-13-2941B with Atkins, P.A. dba Atkins Architecture and Engineering (Atkins) for additional work in the not-to exceed amount of \$2,000,000 to provide support and technical consulting services in toll collection and toll violation enforcement at all of the Authority's facilities. The contracts were competitively awarded to Jacobs in December 2014 and to Atkins in June 2014 for duration of four (4) years to provide support services for Toll Collection at all B&T facilities.

The Consulting Services under this project include various tasks designed to (i) ensure that the Authority's toll collection and violation enforcement systems are robust, accurate, reliable and maintainable, (ii) develop plans to improve, modernize, and replace toll system components when necessary, (iii) assist in the development of toll marketing strategies based on toll technology information, and (iv) study and propose means and methods to protect privacy and comply with all applicable laws and regulations.

When this Contract was first formulated, it included support services for the implementation of Open Road Tolling (ORT) at the Henry Hudson Bridge and All Electronic Tolling (AET) at the Cross Bay and Marine Parkway Bridges. With the expansion of ORT to all Authority facilities as part of the New York Crossings initiative, there is a significant increase in support services needed to protect B&T's revenue stream. To address this need, an additional amount not to exceed \$2,000,000 is required to enable JCCI and Atkins to continue to support B&T's ORT implementation for the Robert F. Kennedy Bridge, Verrazano Narrows Bridge, Bronx-Whitestone Bridge, and Throgs Neck Bridge. Work will be performed on an as-needed basis at the competitively procured rates. Funds are available under the 2015-2019 Capital Program, project D703AW63.

In connection with previous contracts awarded to the JCCI and Atkins. JCCI 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 May 19, 2013. In addition, Atkins 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 1, 2016. No new SAI has been found related to either consultants and both have been found responsible.

Schedule I: Modifications to Purchase and Public Works Contracts

Item Number: 4 (Final)

Vendor Name (& Location) Tully Construction Co., Inc., Flushing, New York	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Contract Number BB-28S</td> <td style="width: 50%;">AWO/Modification #</td> </tr> <tr> <td colspan="2" style="height: 20px;"></td> </tr> <tr> <td>Original Amount:</td> <td style="text-align: right;">\$282,454,276.12</td> </tr> <tr> <td>Prior Modifications:</td> <td style="text-align: right;">\$42,943,836.91</td> </tr> <tr> <td>Prior Budgetary Increases:</td> <td style="text-align: right;">\$0.00</td> </tr> <tr> <td>Current Amount:</td> <td style="text-align: right;">\$320,650,325.03</td> </tr> <tr> <td>This Request:</td> <td style="text-align: right;">\$11,531,318.00</td> </tr> <tr> <td>% of This Request to Current Amount:</td> <td style="text-align: right;">3.6%</td> </tr> <tr> <td>% of Modifications (including This Request) to Original Amount:</td> <td style="text-align: right;">17.6%</td> </tr> </table>	Contract Number BB-28S	AWO/Modification #			Original Amount:	\$282,454,276.12	Prior Modifications:	\$42,943,836.91	Prior Budgetary Increases:	\$0.00	Current Amount:	\$320,650,325.03	This Request:	\$11,531,318.00	% of This Request to Current Amount:	3.6%	% of Modifications (including This Request) to Original Amount:	17.6%
Contract Number BB-28S	AWO/Modification #																		
Original Amount:	\$282,454,276.12																		
Prior Modifications:	\$42,943,836.91																		
Prior Budgetary Increases:	\$0.00																		
Current Amount:	\$320,650,325.03																		
This Request:	\$11,531,318.00																		
% of This Request to Current Amount:	3.6%																		
% of Modifications (including This Request) to Original Amount:	17.6%																		
Description Sandy Restoration and Project BB-28/BB-54, Rehabilitation of the Tunnel and Brooklyn Plaza at the Hugh L. Carey Tunnel																			
Contract Term (including Options, if any) December 12, 2014 – March 31, 2018																			
Option(s) included in Total Amount? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																			
Procurement Type <input checked="" type="checkbox"/> Competitive <input type="checkbox"/> Non-competitive																			
Solicitation Type <input checked="" type="checkbox"/> RFP <input type="checkbox"/> Bid <input type="checkbox"/> Other:																			
Funding Source <input type="checkbox"/> Operating <input checked="" type="checkbox"/> Capital <input type="checkbox"/> Federal <input type="checkbox"/> Other:																			
Requesting Dept/Div & Dept/Div Head Name: Engineering & Construction, Joe Keane, P.E.																			
Discussion: <p>B&T is seeking Board Approval under the All Agency General Contract Procurement Guidelines to amend a public work contract, Contract BB-28S, with Tully Construction Co., Inc. (Tully) to: furnish and install electrical and LED lighting upgrades to modernize the Manhattan and Brooklyn Plazas in coordination with the new Open Road Tolling (ORT) gantries and furnish and install additional tunnel fire standpipe insulation in the negotiated amount totaling \$11,531,318, which includes the ratification of funding in the amount totaling \$2,750,000.</p> <p>The Contract was awarded to Tully in December 2014 in the amount of \$282,454,276.12 subsequent to a competitive RFP process and Board approval. The Scope of Work required to restore the Hugh L. Carey Tunnel (HCT) to a pre-storm state of good repair includes system replacements as follows: tunnel pumping; electrical; lighting; communications, monitoring and control systems; tunnel structural and civil repairs; tunnel wall tile, ceiling panels, polymer panels, curbs and gutters; and tunnel ventilation building rehabilitation as well as asbestos and incidental lead abatement; and maintenance and protection of traffic. Also, Capital Program Projects BB-28, Ph. II and BB-54 scopes include fire line replacements and rehabilitation of the Brooklyn Plaza. To date, prior modifications totaling \$42,943,836.91 have been approved, inclusive of ORT related amendments totaling \$14,721,722.82. B&T is accelerating the substantial completion of the Project, which is currently scheduled for March 31, 2018.</p> <p>As part of the New York Crossings initiative, B&T is embarking on full implementation of cashless all-electronic ORT at B&T facilities. The implementation required necessary civil, structural and electrical infrastructure construction work to install ORT gantries prior to the installation of E-ZPass tag readers, cameras, system software and integration that were performed by others. Additionally, architectural enhancements that include foundations, tower structures, mesh, beacon light fixtures and LED lighting upgrades, which are complementary and integral to the plaza modernization and the ORT gantry system have commenced in order to complete the transformation of the B&T tunnel plazas. Similar improvements are being implemented at all other B&T facilities in order to modernize the toll plazas in concert with the delivery of ORT. The remaining work for related ORT and other toll plaza improvement initiatives is being finalized and shall be presented to the Board for approval in subsequent procurement actions.</p> <p>In order to complete the modernization and architectural transformation of the Manhattan and Brooklyn Plazas, LED lighting and electrical power distribution upgrades have been initiated. The work includes power distribution upgrades to the Manhattan and Brooklyn Plazas, which includes underground civil construction work and the installation of LED lighting on the plaza walls, the newly installed towers and the ORT gantry. Tully submitted proposals in the amount totaling \$11,166,497.68, inclusive of additional civil construction and support activities. The estimates total \$8,853,841. Negotiations resulted in B&T and Tully agreeing to an amount totaling \$10,204,118 (inclusive of an allowance in the amount of \$1,500,000 for additional modifications and design revisions). The negotiated amount is considered fair and reasonable. The estimates did not completely account for the impacts associated with limited site access, the complexities of performing the tower and plaza wall electrical installations, and the work being performed during nights and continuously on weekends at premium time.</p>																			

The quantity for Item 15085.1-Plumbing Piping Insulation has overrun its current quantity by 3,060 Linear Feet. The insulation is for the tunnel fire standpipe system to ensure certain areas are not susceptible to freezing conditions during the winter months. Tully submitted a proposal in the amount of \$1,548,874.97. The Engineer's estimate is \$721,919.04. Negotiations resulted in the Authority and Tully agreeing to an amount totaling \$1,327,200, which is considered fair and reasonable. The estimate did not account for the shop fabrication time required to form the stainless steel cladding material, sufficient plumbing support necessary for insulation demolition and removal and replacement of the standpipe clamps at the locations to be insulated.

The negotiated total amount of the amendment is \$11,531,318 and is considered fair and reasonable.

Funding for the tower and wall LED lighting and support in the amount of \$10,204,118 is available in the 2015 - 2019 Capital Program under Project D703HC63 Task D04012 (Gateway Towers). Funding for the additional piping insulation in the amount of \$1,137,250 is available in the 2010 – 2014 Capital Program under Project D602BB28, Task D02562.

Schedule I: Modifications to Purchase and Public Works Contracts

Item Number: 5 (Final)

Vendor Name (& Location) Judlau Contracting, Inc, College Point, New York		Contract Number QM-40S	AWO/Modification #
Description Sandy Restoration and Mitigation and Projects QM-40/QM-18, Rehabilitation of the Tunnel and Manhattan Exit Plaza at the Queens Midtown Tunnel		Original Amount: \$236,500,000.00	
Contract Term (including Options, if any) April 23, 2015 – July 9, 2018		Prior Modifications: \$39,512,696.73	
Option(s) included in Total Amount? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Prior Budgetary Increases: \$0.00	
Procurement Type <input checked="" type="checkbox"/> Competitive <input type="checkbox"/> Non-competitive		Current Amount: \$ 276,012,696.73	
Solicitation Type <input checked="" type="checkbox"/> RFP <input type="checkbox"/> Bid <input type="checkbox"/> Other:		This Request: \$9,800,000.00	
Funding Source <input checked="" type="checkbox"/> Operating <input checked="" type="checkbox"/> Capital <input type="checkbox"/> Federal <input type="checkbox"/> Other:		% of This Request to Current Amount: 3.6%	
Requesting Dept/Div & Dept/Div Head Name: Engineering & Construction, Joe Keane, P.E.		% of Modifications (including This Request) to Original Amount: 20.9%	

Discussion:

B&T is seeking Board approval under the All Agency General Contract Procurement Guidelines to amend public work Contract QM-40S with Judlau Contracting, Inc. (Judlau) to fabricate, furnish and install architectural enhancements that include tower structures to modernize the plazas and coordinate with the new Open Road Tolling (ORT) gantries; and provide paving services in the negotiated amount totaling \$9,800,000, which includes the ratification of funding in the amount totaling \$2,400,000.

The Contract was awarded to Judlau in April 2015 in the amount of \$236,500,000 (inclusive of incentives totaling \$6,460,000) subsequent to a competitive RFP process and Board approval. The Scope of Work required the contractor to restore the Queens Midtown Tunnel (QMT) to a pre-storm state of good repair including system replacements as follows: tunnel electrical; lighting; communications; monitoring and control systems; mid-river pump room; tunnel structural and civil repairs; tunnel wall tile; ceiling panels; polymer panels; catwalk, curbs and gutters; and tunnel ventilation building rehabilitation as well as asbestos and incidental lead abatement and maintenance and protection of traffic. Additionally Project QM-18 includes the rehabilitation of the Manhattan Exit Plaza. To date, prior modifications totaling \$39,512,696.73 have been approved, inclusive of ORT amendments totaling \$10,954,000. B&T is accelerating the substantial completion of the Project, which is now scheduled for July 9, 2018.

As part of the New York Crossings initiative, B&T is embarking on full implementation of cashless all-electronic ORT at B&T facilities. The implementation required necessary civil, structural and electrical infrastructure construction work to install ORT gantries prior to the installation of E-ZPass tag readers, cameras, system software and integration that were performed by others. Additionally, architectural enhancements that include: foundations; tower structures; mesh; beacon light fixtures and LED lighting upgrades, which are complementary and integral to the plaza modernization and the ORT gantry system have commenced in order to complete the transformation of the B&T tunnel plazas. Similar improvements are being implemented at all other B&T facilities in order to modernize the toll plazas in concert with the delivery of ORT. The remaining work for related ORT and other toll plaza improvement initiatives are being finalized and shall be presented to the Board for approval in subsequent procurement actions.

The plaza modernization work included in this amendment is for the fabrication and installation of foundations, tower structures, mesh and installation of beacon light fixtures (provided by others); additionally milling and permanent paving for the Queens Plaza is included in this request. Judlau submitted proposals totaling \$11,280,000. The estimates total \$9,022,305.72. Negotiations resulted in B&T and Judlau agreeing to an amount totaling \$9,800,000 which includes allowances for \$2,500,000 for architectural enhancements as part for the tower structures and \$750,000 for utility relocation and restoration. The negotiated amount is 8.6% above the estimate and is considered fair and reasonable based on the accelerated completion schedule and risks associated with performing the Work in an expedited manner. In order to meet the expedited schedule for this work, B&T authorized Judlau to commence the work and B&T seeking ratification in the amount of \$2,400,000.

The funding for this work in the amount of \$7,900,000 is available in the 2015-2019 Capital Program, under Project D703QM63, Task D04015 (Gateway Towers) and \$1,900,000 under Major Maintenance Project R701QM40, Task R03052.

In connection with a previous contract awarded to the Judlau, Judlau 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. In addition, as a result of the review of Judlau's responsibility since the prior contract award, new SAI was identified and Judlau was found to be responsible notwithstanding such new SAI and such responsibility finding was subsequently approved by the TBTA President in consultation with the TBTA General Counsel on February 21, 2017.

Schedule I: Modifications to Purchase and Public Works Contracts

Item Number: 6 (Final)

Vendor Name (& Location) Kiska Construction, Inc., Long Island City, New York		Contract Number MP-03/MP-16	AWO/Modification #
Description Electrical and Mechanical Rehabilitation, Friction Mitigation, Miscellaneous Steel Repairs, Painting and Fire Standpipe Installation at the Marine Parkway-Gil Hodges Memorial Bridge		Original Amount: \$98,500,000.00	
Contract Term (including Options, if any) December 11, 2015 – December 10, 2018		Prior Modifications: \$18,968,199.74	
Option(s) included in Total Amount? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Prior Budgetary Increases: \$0.00	
Procurement Type <input checked="" type="checkbox"/> Competitive <input type="checkbox"/> Non-competitive		Current Amount: \$117,468,199.74	
Solicitation Type <input type="checkbox"/> RFP <input checked="" type="checkbox"/> Bid <input type="checkbox"/> Other:		This Request: \$6,479,010.06 MPB-\$3,290,111.01 CBB-\$3,188,899.05	
Funding Source <input type="checkbox"/> Operating <input checked="" type="checkbox"/> Capital <input type="checkbox"/> Federal <input type="checkbox"/> Other:		% of This Request to Current Amount: 5.5%	
Requesting Dept/Div & Dept/Div Head Name: Engineering & Construction, Joe Keane, P.E.		% of Modifications (including This Request) to Original Amount: 25.8%	

Discussion:

B&T is seeking Board approval under the All Agency General Contract Procurement Guidelines to amend public work Contract MP-03/MP-16 with Kiska Construction, Inc. (Kiska) for long lead time LED lighting materials to modernize the plazas' appearances, including the new towers to coordinate with the Open Road Tolling (ORT) gantries and related equipment for the Marine Parkway-Gil Hodges Memorial Bridge (MPB) and Cross Bay Veterans Memorial Bridge (CBB) and to purchase two (2) transformers for the rehabilitation of the MPB lift span. The amendment is in the agreed amount totaling \$6,479,010.06, which includes the ratification of funding in the amount totaling \$2,250,000.

The Contract was awarded to Kiska in December 2015 in the amount of \$98,500,000 subsequent to competitive bidding with a duration of three (3) years. The Scope of Work requires the following: replacement of lift span motors and drives, PLCs, droop cables and barrier gates; other lift span electrical upgrades; mechanical replacements and upgrades for the machinery room; installation of new auxiliary counterweight ropes; installation of new fire line system and hydrants; architectural upgrades and repairs; various structural steel and grid deck repairs; furnish and install structural health monitoring system; rope socket enhancements; abatement of asbestos and lead containing materials; painting; and maintenance and protection of traffic. Four amendments totaling \$18,968,199.74 have been issued, inclusive of \$17,795,000 for phased ORT, civil, structural, electrical and toll booth demolition work at the MPB and CBB.

As part of the New York Crossings initiative, B&T is embarking on full implementation of cashless all-electronic ORT at B&T facilities. The implementation required necessary civil, structural and electrical infrastructure construction work to install ORT gantries prior to the installation of E-ZPass tag readers, cameras, system software and integration that were performed by others. Additionally, architectural enhancements that include foundations, tower structures, mesh, beacon light fixtures and LED lighting upgrades, which are complementary and integral to the plaza modernization and the ORT gantry system have commenced in order to complete the transformation of the B&T bridge plazas. Similar improvements are being implemented at all other B&T facilities in order to modernize the toll plazas in concert with the delivery of ORT. The remaining work for related ORT and other toll plaza improvement initiatives is being finalized and shall be presented to the Board for approval in subsequent procurement actions.

Long lead time LED electrical and architectural materials to modernize the plazas and for the new towers at the MPB and CBB require the expedited placement of material orders and deposits to ensure timely delivery in order to meet the installation schedules. This request includes the procurement of two new transformers required for the lift span rehabilitation at the MPB. Kiska submitted a proposals and quotations in the amount of \$4,479,010.06. The Engineering estimates is \$4,580,790.99. Negotiations resulted in B&T accepting Kiska's proposals totaling \$4,479,010.06, which is 2.2% below the estimate and is fair and reasonable. Additionally, B&T is requesting an allowance of \$2,000,000 (\$1,000,000 per facility) to commence tower and related LED lighting electrical installations. The total amendment amount is \$6,479,010.06.

Funding in the amount of \$6,479,010.06 is available in the 2015-2019 Capital Program under Projects D703/MP63/D04024 (\$3,188,890.04), Project D703/CB63/D04027 (3,188,890.05) and Project D604/MP03/D03310 (\$101,211.97).

(rev. 3/16/07)

Schedule I: Modifications to Purchase and Public Works Contracts

Item Number: 7 (Final)

Vendor Name (& Location) DeFoe Corp., Mount Vernon, NY		Contract Number RK-23A	AWO/Modification
Description Reconstruction and Rehabilitation of the 125 th Street Manhattan Approach Ramps to the RFK Bridge			
Contract Term (including Options, if any) December 22, 2014 – December 21, 2017		Original Amount:	\$68,300,000.70
Option(s) included in Total Amount? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Prior Modifications:	\$31,618,556.83
Procurement <input checked="" type="checkbox"/> Competitive <input type="checkbox"/> Non-competitive		Prior Budgetary Increases:	\$0.00
Solicitation Type <input type="checkbox"/> RFP <input checked="" type="checkbox"/> Bid <input type="checkbox"/> Other:		Current Amount:	\$99,918,557.53
Funding Source <input type="checkbox"/> Operating <input checked="" type="checkbox"/> Capital <input type="checkbox"/> Federal <input type="checkbox"/> Other:		This Request:	\$3,665,502.00
Requesting Dept/Div & Dept/Div Head Name: Engineering & Construction, Joe Keane, P.E.		% of This Request to Current Amount:	3.7%
		% of Modifications (including This Request) to Original Amount:	51.7%

Discussion:

B&T is seeking Board Approval under the All Agency General Contract Procurement Guidelines to amend a public works contract, Contract RK-23A, with DeFoe Corp. (DeFoe) to: install foundations, paint gantry pipes, fiber optic integration and fabricate, furnish and install tower structures as architectural enhancements of the Open Road Tolling (ORT) gantries at the Manhattan Plaza of the RFK Bridge in the negotiated amount of \$3,665,502.00.

The Contract was awarded to DeFoe in December 2014 in the amount of \$68,300,000.70 (inclusive of an incentive totaling \$1,165,440.00) subsequent to a competitive sealed bid process. The Scope of Work required replacing the on and off-bound ramps from 125th Street in Manhattan to the RFK Bridge, inclusive of maintenance and protection of traffic and incidental lead abatement. Previous amendments totaling \$31,618,556.83 have been issued for changed field conditions, the construction phase for ORT implementation and extension of the ORT gantries across both travel directions for future two-way tolling operation, associated strengthening of the steel superstructure to support the wider gantry and roadway restoration at the Manhattan approach to the RFK Harlem River Lift Span Bridge.

As part of the New York Crossings initiative B&T is embarking on full implementation of cashless all-electronic ORT at B&T facilities which requires necessary civil, structural and electrical infrastructure construction work that will enable the installation of E-ZPass tag readers and cameras, to be installed under a separate contract along with related software and integration services. In addition, portions of the steel reinforced concrete roadway are being replaced to avoid interferences with ORT functionality and to maintain the roadway in a state of good repair. In addition toll booths will be demolished in order to move to a fully open road tolling environment. Architectural enhancements at the RFK will include towers at the gantry legs and architectural mesh installed above the gantries that are intended to enhance the appearance of the ORT gantry system. Similar improvements are being implemented at all other B&T facilities in order to modernize the toll plazas in concert with the delivery of ORT.

This proposed Amendment is for:

- (i) The Manhattan Plaza architectural work including fabrication and installation of tower structures, painting of ORT gantry pipes and fiber optic integration at the Manhattan approach to the RFK. The remaining work for the Manhattan ORT is currently in design development, will include electrical and other related two-way tolling operation work and will be submitted to the Board for approval in future procurement action(s). DeFoe submitted proposals totaling \$2,438,670 for these ORT enhancements. Negotiations resulted in B&T and DeFoe agreeing to the negotiated amount totaling \$2,400,000, which is 0.66% above the Engineer's estimate of \$2,384,250 and is fair and reasonable.

(ii) Foundations and anchors for the architectural enhancements required for the Bronx Plaza installation. This work requires: installation of thirty mini caissons, removal and re-installation of existing retaining wall, core drilling the existing sidewalk slab and installation of rock anchors. In order to meet the current schedule for completion of this work verbal authorization was given on May 9, 2017 in the amount of \$500,000 for Defoe to begin preliminary foundation work. DeFoe submitted proposals totaling \$1,424,500. Discussions resulted in B&T and DeFoe agreeing to the negotiated amount totaling \$1,265,502, 7.1% above the Engineer's estimate of \$1,181,168.24. The estimates did not account for work being performed during nights and continuously on weekends at premium time, which increased the pricing for the installation and construction work.

The negotiated total amount of the amendment is \$3,665,502.00 and is considered fair and reasonable.

Funding for the proposed amendment is available under the 2015-2019 Capital Program for ORT architectural work at the Manhattan approach to the RFK in the amount of \$2,400,000.00 (Project D703/RK63/D04018) and for the civil work at the Bronx plaza in the amount of \$1,265,502 (Project D703/RK63/D040074).

Schedule I: Modifications to Purchase and Public Works Contracts

Item Number: 8 (Final)

Vendor Name (& Location) Selex ES, Inc. (dba ELSAG North America) (Greensboro, NC)	Contract Number PO 3000002520	AWO/Modification # 1
Description ELSAG License Plate Recognition System	Original Amount: \$3,738,545.00	
Contract Term (including Options, if any) October 28, 2016 – October 27, 2021	Prior Modifications: \$0.00	
Option(s) included in Total Amount? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Prior Budgetary Increases: \$0.00	
Procurement Type <input checked="" type="checkbox"/> Competitive <input type="checkbox"/> Non-competitive	Current Amount: \$3,738,545.00	
Solicitation Type <input type="checkbox"/> RFP <input type="checkbox"/> Bid <input checked="" type="checkbox"/> Other: Ride NYSOGS	This Request: \$1,626,235.00	
Funding Source <input checked="" type="checkbox"/> Operating <input type="checkbox"/> Capital <input type="checkbox"/> Federal <input type="checkbox"/> Other:	% of This Request to Current Amount: 44%	
Requesting Dept/Div & Dept/Div Head Name: Internal Security, Donald Look	% of Modifications (including This Request) to Original Amount: 44%	

Discussion:

B&T is seeking Board approval under the All Agency General Contract Procurement Guidelines to amend a purchase contract PO 3000002520 with Selex ES, Inc. - dba ELSAG North America – (Selex) to continue the procurement of Selex's proprietary advanced License Plate Recognition System (LPRS) to strengthen safety, security and law enforcement efforts in the amount of \$1,626,235 in accordance with the terms and conditions of the New York State Office of General Services (NYSOGS) Contract PC66814.

The contract was awarded to Selex in October 2016 for acquiring a license plate recognition system which includes: cameras, hardware, software and other auxiliary equipment together with configuration/installation, testing, training and maintenance in the amount of \$3,738,545. The LPRS is deployed at B&T facilities on ORT gantries.

As part of the New York Crossings initiative, B&T is embarking on full implementation of cashless all-electronic ORT at B&T facilities. The implementation requires necessary civil, structural and electrical infrastructure construction work to install ORT gantries and the installation of E-ZPass tag readers, cameras, and system software and integration. Additionally safety, security and plaza modernization enhancement initiatives have commenced at B&T's bridge and tunnel facilities.

The proposed amendment for additional funding of \$1,626,235 is needed to cover unforeseen additional expenses as well as to accommodate for field conditions experienced during installation. The unforeseen additional expenses include: servers and equipment needed by MTAIT for the rapid implementation of the project; engineering and field support hours for customized reporting and other fine-tuning; customer integration work to supply law enforcement access to images and data from the TBTA License Plate Reader (LPR) System; and required licensing not allotted for in the first estimate. The additional field condition accommodations include: field cabling length changes in response to design reconfigurations and a \$500,000 contingency fund for changes resulting from architectural enhancements.

Selex's proposed cost is in accordance with NYSOGS discount of 35% off catalog/list price as well as an additional negotiated 10% discount for a total discount of 45%. The amount of \$1,626,235 inclusive of the \$500,000 contingency fund is considered fair and reasonable.

Funding is available under the Operating Budget GL#714220.