



Metropolitan Transportation Authority

Bridges and Tunnels Committee Meeting

December 2016

Committee Members

C. Moerdler, Chair

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, 12/12/2016
11:30 AM - 12:00 PM ET**

1. Public Comments Period

2. Approval of Minutes - November 2016

BT Committee Minutes - November 2016 - Page 4

3. Proposed 2017 Committee Work Plan

BT Committee Work Plan - Page 11

4. Report on Operations - October 2016

BT Report on Operations - October 2016 - Page 18

5. Safety Report - October 2016

BT Safety Report - October 2016 - Page 31

6. E-ZPass Performance Report - October 2016

BT E-ZPass Performance Report - October 2016 - Page 33

7. Financial Report - October 2016

BT Financial Report - October 2016 - Page 39

8. 2017 Budget and 2017-2020 Financial Plan Adoption - Action Item

BT 2017 Budget and 2017-2020 Financial Plan Adoption - Page 55

9. Capital Program Project Status Report - November 2016

BT Capital Program Project Status Report - November 2016 - Page 67

10. Procurements

BT Procurements - December 2016 - Page 84

BT Competitive - December 2016

BT Competitive - Page 87

11. Diversity Report - Third Quarter 2016

BT Diversity Report - Third Quarter 2016 - Page 93

Next Meeting: Monday, January 23, 2017 at 12:00 p.m.



Bridges and Tunnels

Minutes of Committee Meeting November 2016

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

November 14, 2016

12:00 p.m.

In attendance were the Honorable:

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

Donald Spero, President
Pashko Camaj, Acting Vice President of Safety and Health Initiatives
Angelo Cerbone, Assistant Vice President and Controller
Mildred Chua, Vice President and Chief Financial Officer
Daniel Decrescenzo, Acting Vice President and Chief of Operations
James Fortunato, Executive Vice President and Chief of Operations
Sharon Gallo-Kotcher, Vice President, Labor Relations, Administration and Employee Development
Joseph Keane, Vice President and Chief Engineer
Gavin Masterson, Vice President and Chief Procurement Officer
Shawn Moore, Chief Equal Employment Opportunity Officer
Patrick J. Parisi, Vice President, Maintenance and Operations Support
Albert Rivera, Vice President and Chief of Staff
M. Margaret Terry, Senior Vice President and General Counsel

MONTHLY MEETING OF TRIBOROUGH BRIDGE AND TUNNEL AUTHORITY COMMITTEE

November 14, 2016

Minutes of TBTA Committee held November 14, 2016 at 12:00 p.m. A list of those in attendance is attached.

Public Speakers

There was one public speaker. Murray Bodin stated that the Manual on Uniform Traffic Control Devices (MUTCD) is outdated and complimented the State for its new sign initiatives to promote economic development. He also discussed roadway lane markings and guide signs and thanked TBTA for making its roadways safer. Commissioner Trottenberg agreed that the MUTCD is outdated.

Minutes

Upon a motion duly made and seconded, the minutes of the Committee Meeting held on October 26, 2016 were approved.

Committee Work Plan

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

Review of TBTA Committee Charter

Mr. Spero stated that there are no changes to the TBTA Committee Charter and he referred the Committee to the information contained in the Committee Book. There were no questions from the Committee Members.

Report on Operations

With regard to the Report on Operations for September 2016, Mr. Fortunato stated the following:

In September 2016, there were 26.0 million crossings as compared to 25.2 million crossings in September 2015, which is an increase of 3.4%; rainfall amounts totaled 2.5 inches in both September 2015 and 2016; gas prices averaged \$2.23 per gallon in September 2016, which was \$0.21 lower than September 2015; E-ZPass volume increased in September 2016 by 4.4% as compared to September 2015, while crossings using cash and other payment methods decreased by 2.8%; passenger car travel was up by 3.6% and other vehicle travel was up 0.4%. On November 6, 2016, the New York City Marathon was held where approximately 52,000 participants crossed the Verrazano-Narrows Bridge starting line. He thanked TBTA personnel for their pre-race preparation and post-race cleanup. Chairman Moerdler asked why rainfall amounts are relevant. Mr. Fortunato responded that rainfall is reported because it affects the amount of traffic.

Safety Report

With regard to the Report on Safety for September 2016, Mr. Camaj referred the Committee to the charts on page 37 of the Committee materials that include 12-month rolling averages and highlight performance indicators in the categories of customer collisions, customer collisions with injuries, employee accident reports, lost time injuries and contractor injuries. Compared to the previous reporting period, the total customer collision rate increased from 5.75 to 7.06; the total customer injury collision rate increased from 0.94 to 1.01; the number of employee accident reports decreased from 263 to 258; the rate for employee lost time injuries increased from 5.2 to 6.7; and the contractor lost time injury rate decreased from 2.94 to 1.76 or -40.1%. Mr. Camaj mentioned that leading indicator metrics indicate that TBTA continues to meet its goals. Commissioner Zuckerman asked whether the 30% increase in employee lost time injuries is causally or coincidentally related to the 66% decrease in workforce development participants, which is tied to safety training. Mr. Camaj responded that TIM (Traffic Incident Management) Training is offered one time, tool box meetings are conducted and roll call announcements are made but that there is no correlation to the reported employee lost time accidents.

Commissioner Zuckerman stated that it is probably not a good idea to provide safety-related training one time and if the increase in employee lost time injuries is not causally related then workforce development is not a good leading indicator of the accident rate. Mr. Camaj agreed with Commissioner Zuckerman and stated that the leading and lagging indicators will be reviewed at year-end.

Customer Environment Survey – Third Quarter 2016

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

- TBTA striped 129,114 linear feet of roadway at the Queens Midtown Tunnel and at the Verrazano-Narrows, Robert F. Kennedy and Bronx-Whitestone Bridges.
- TBTA repaired 659 potholes, which represents 38% more than the same period in 2015.
- TBTA swept 3,158 miles of roadway, which is 18% less than the same period in 2015 due to the reduction of in-house sweeping as tunnel roadways are being cleaned by Superstorm Sandy construction contractors each night before reopening and there is a hard lane closure on the Verrazano-Narrows Bridge upper level as part of the redecking project.
- Approximately 88.2% of the roadway lights were operational.
- TBTA maintained and cleaned 372 storm drains bringing the year-to-date total to 1,594.
- Compared to the same period in 2015, the customer collision rate was 8.01 as compared to 6.46 and the customer injury collision rate was 1.07 as compared to 1.15.
- E-ZPass toll lane availability remained high at 99.9%.
- There was a 61% decrease in the number of speeding summonses due to a regional officer safety initiative that paired officers for speed enforcement and motor patrol thereby reducing the number of individual assignments.

Chairman Moerdler asked whether signs could be posted well in advance of bridge access points and approaches where construction work is being performed in order to alert motorists who may want to take an alternate route. Mr. Parisi responded that he would look into this request.

Mr. Spero gave a handout to the Committee titled Customer Safety Collision Data and Analysis – Year-To-Date September 2016. Mr. Spero explained that Collision Task Force meetings are held monthly and ACROBAT (Achieving Collision Reduction on Bridges and Tunnels) meetings are held quarterly. Efforts to improve customer safety are focused on identifying collision prone locations and gearing targeted enforcement efforts to unsafe driver behaviors. Mr. Spero then discussed a 15 year trend of collision data. Mr. Fortunato discussed collision prone locations and targeted enforcement. Commissioner Vanterpool asked what comprises the majority of truck enforcement summonses and whether there is a uniform speed limit on the bridges. Mr. Fortunato responded that TBTA's Truck Enforcement Unit issues summonses mostly for safety violations and overweight trucks and that the speed limit is 45 mph at the Verrazano-Narrows and Throgs Neck Bridges and 40 mph at the other crossings. Chairman Moerdler asked whether the Verrazano-Narrows Bridge off ramp onto the Belt Parkway could be reconfigured to better align the merging traffic. Mr. Fortunato responded that years ago TBTA and the New York City Department of Transportation agreed, and that agreement is still in place, that the second lane of the Verrazano-Narrows Bridge and second lane of the Belt Parkway would be used for merging traffic and that the distance for the merge was greatly increased to make it easier and safer for motorists.

E-ZPass Performance Report

With regard to the E-ZPass Performance Report for September 2016, Mr. Spero stated that the E-ZPass market share was 86.1% or 0.9 percentage points higher than the prior September and that the E-ZPass market share at all TBTA facilities is over 80%. A total of 22,631 E-ZPass accounts were opened in September 2016, 46% of which comprised E-ZPass On-the-Go accounts.

Financial Report

Ms. Chua stated that compared to the July mid-year plan, traffic was 3.4% higher on a year-to-year basis and through September traffic was 0.6% higher. Through September toll revenue was \$1.406 billion, which is \$5.7 million or 0.4% better than plan. Total expenses were \$350.1 million, which is \$14.4 million or 3.9% lower than plan. Non-Labor spending was 2.0% lower than plan (\$3.2 million) due to timing of expenses. Labor expenses were approximately \$11.2 million lower or 5.5% as a result of payroll vacancies. Overtime was down 6.7% against plan or \$1.3 million. Total support to mass transit was \$864.6 million, which is \$39.5 million or 4.8% better than plan. Chairman Moerdler asked why unredeemed tolls are listed as a current liability. Mr. Cerbone responded that the amount represents prepaid E-ZPass toll accounts that are a liability until the tolls are incurred and paid.

Capital Program Status Report

With regard to the Capital Program Status Report for October 2016, Mr. Keane stated that seven commitments were made with a total value of \$4.7 million. As of October 31, 2016, 68 commitments were made with a total value of \$103.1 million compared to a plan calling for 74 commitments with a total value of \$117.4 million. The most significant commitment made in October was the award of a design contract for structural steel rehabilitation and bridge painting work at the Henry Hudson Bridge. On November 1, 2016, two significant commitments were made in connection with Open Road Tolling for toll system equipment, installation and integration services, and program management and support services in the amount of \$71.1 million. Inclusive of these awards, total commitments are \$174.2 million compared to the planned \$151.8 million in 2016 commitments. There were no project completions in October but as of October 31, 2016 there have been nine project completions in the amount of \$93.8 million out of TBTA's annual completion plan of \$146.4 million. There were no task level closeouts in October and there have been 91 task level closeouts year-to-date with a value of \$180.0 million. Chairman Moerdler asked whether a range can be given for the completion of ongoing work at facilities and whether there has been any significant cost overruns on the major projects. Mr. Keane responded that a range can be provided and that cost growth on TBTA projects for rehabilitation work generally come in under 5%.

Procurements

Mr. Masterson stated that there are two (2) procurements totaling \$2.4 million.

Non-Competitive Procurements

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

Competitive Procurements

Mr. Masterson stated that there are two (2) competitive procurements for personal services totaling \$2.4 million. One personal service contract is to Gannett Fleming Engineers and Architects for the initial tunnel inspections and designs of miscellaneous repairs, as-needed, at the Queens Midtown and Hugh L. Carey Tunnels in the amount of \$2,115,341.30; and the other is to Hoguet Newman Regal & Kenney, LLP, a certified WBE law firm, to provide wage and hour compliance services in accordance with the Fair Labor Standards Act (FLSA) in the amount of \$285,800.00.

Personal Service Contracts

Gannett Fleming Engineers and Architects	Contract No. PSC-16-2987 B&T is seeking Board approval under the All-Agency Service Contract Procurement Guidelines to award a personal service contract for the Initial Tunnel Inspection at the Queens Midtown Tunnel and the Hugh	\$2,115,341.30
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L. Carey Tunnel.

Hoguet Newman Regal &
Kenney, LLP

Contract No. PSC-16-2989

\$285,800.00

B&T requires a consultant to provide wage and hour compliance services in order to assist B&T in meeting its compliance obligations under FLSA. The FLSA is the federal statute that sets minimum wage, overtime pay, equal pay, record keeping and child labor standards for workers covered by its provisions. As a public employer, B&T is required to comply with the applicable minimum wage and overtime provisions of FLSA and to ensure that employees are appropriately classified. The consultant shall ensure B&T's legal compliance with FLSA and conduct a job classification review for all positions to determine exempt or non-exempt status with FLSA.

The service requirements were publicly advertised. On June 15, 2016 three firms: Hoguet Newman Regal & Kenney, LLP (Hoguet Newman), Sibson Consultant and Wong Fleming PC submitted proposals. The proposals were evaluated against established criteria set forth in the RFP including qualifications of work for specific personnel proposed, depth of understanding of project and related problems, level of expertise, record of performance of firm and cost. Based on the committee's review of all the proposals, it unanimously selected Hoguet Newman, a NYS certified WBE, based on its: (i) highly qualified personnel; (ii) extensive experience related to FLSA; (iii) complete and responsive proposal addressing all the relevant criteria in the scope of services and (iv) detailed description of the resources that will be brought to the assignment. Sibson Consultant and Wong Fleming each failed to adequately address the scope of services or demonstrate the level of experience necessary to provide these services. The committee unanimously waived oral presentations and recommended that negotiations be conducted with Hoguet Newman, the highest rated firm.

Hoguet Newman submitted a cost proposal of \$365,500. Negotiations with Hoguet Newman resulted in a fixed cost of \$285,800 for a five year term, which compares favorably with B&T's estimate of \$301,500. Based on the above, the negotiated amount of \$285,800 is considered fair and reasonable. Hoguet Newman is deemed to be a responsible consultant.

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

Ratifications

Mr. Masterson stated that there are no ratifications.

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

December 2016

2017 Proposed Committee Work Plan
2017 Proposed Final Budget
Diversity Report – 3rd Quarter 2016

Committee Chair & Members
Planning & Budget
EEO

January 2017

Approval of 2017 Work Plan

Committee Chair & Members

February 2017

Preliminary Review of 2016 Operating Budget Results
2017 Adopted Budget/Financial Plan 2017-2020
2016 B&T Operating Surplus
Customer Environment Survey – 4th Quarter 2016
Diversity Report – 4th Quarter 2016

Planning & Budget
Planning & Budget
Controller
Operations
EEO

March 2017

Annual Procurement Contracts Report

Procurement & Materials/
Finance

April 2017

Final Review of 2016 Year-End Operating Results

Planning & Budget

May 2017

Customer Environment Survey – 1st Quarter 2017
Diversity Report – 1st Quarter 2017

Operations
EEO

June 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

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

DECEMBER 2016

2017 Proposed Committee Work Plan

The Committee Chair will present a draft Bridges and Tunnels Committee Work Plan for 2017 that will address initiatives to be reported throughout the year.

2017 Proposed Final Budget

The Committee will recommend action to the Board.

Diversity Report – 3rd Quarter 2016

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

JANUARY 2017

Approval of Work Plan for 2017

The committee will have already received a draft work plan for 2017 at the December 2016 meeting. The committee will be requested to approve the amended work plan for the year.

FEBRUARY 2017

Preliminary Review of 2016 Operating Budget Results

The agency will present a brief review of its 2016 Operating Budget results.

2017 Adopted Budget and February Financial Plan 2017-2020

The Agency will present its revised 2017 Adopted Budget and Financial Plan which will incorporate any changes made by the Board at the December 2016 meeting and any Agency technical adjustments.

2016 B&T Operating Surplus

The Committee will recommend action to the Board.

Customer Environment Survey – 4th Quarter 2016

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 2016

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

MARCH 2017

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 2017

Final Review of 2016 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 2017

Customer Environment Survey – 1st 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 – 1st Quarter 2017

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

JUNE 2017

No items scheduled.

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.



Bridges and Tunnels

Report on Operations October 2016



MTA Bridges and Tunnels October 2016 Traffic Trends

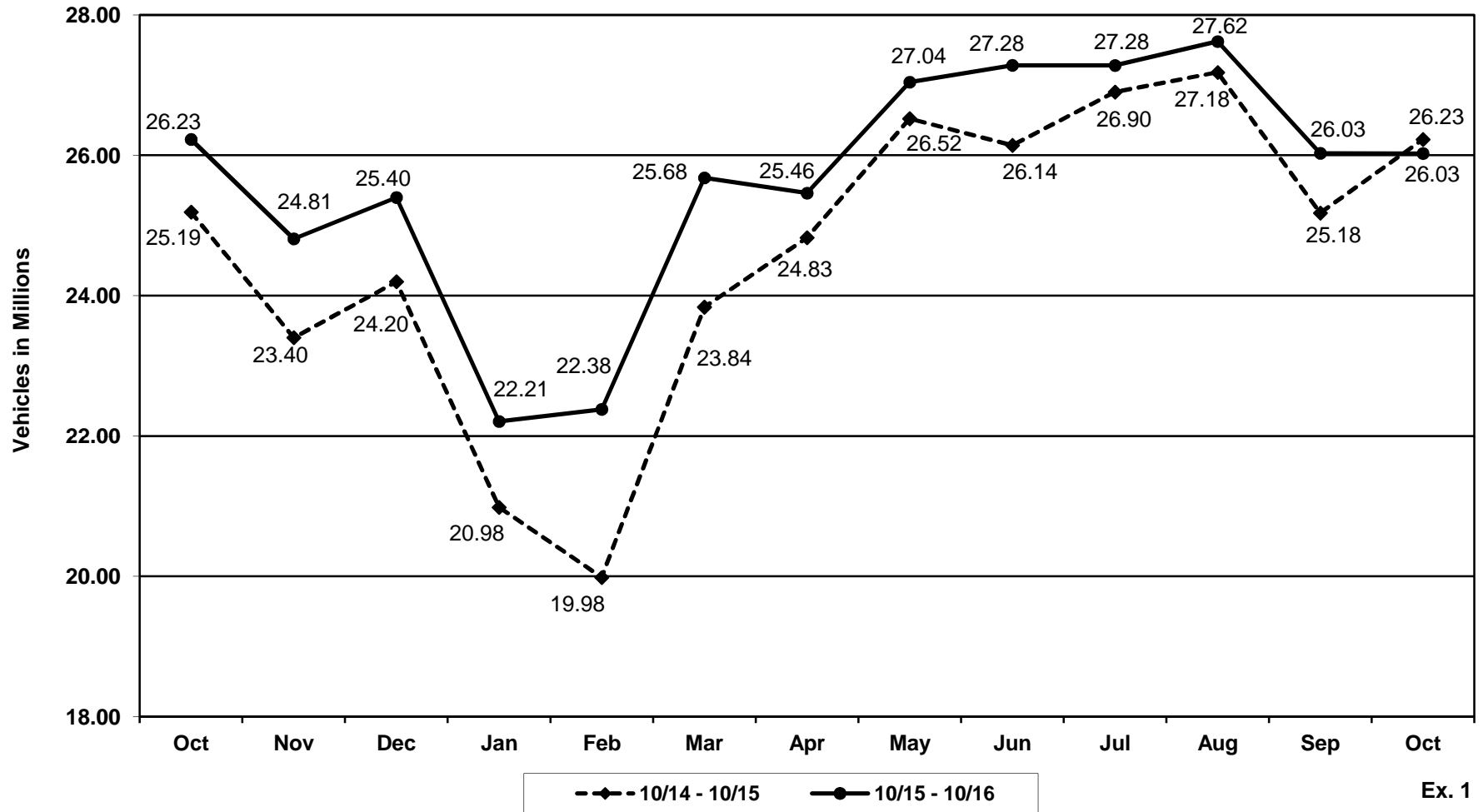
Summary

Traffic was lower on a year-to-year basis, with 26.0 million crossings this month vs. 26.2 million crossings in October 2015 (Exhibit 1).

The 0.2 million year-to-year decrease in traffic is primarily due to 0.7 million less vehicles at B&T's tunnels. This is mainly due to accelerated construction activity at the Queens Midtown Tunnel and the Hugh L. Carey Tunnel. The year-to-year traffic gain from all other facilities totaled 0.5 million vehicles in October. These increases are partially attributable to continued low gas prices, which averaged \$2.27 per gallon this October, or \$0.02 less than last year at this time.

E-ZPass volume decreased in October by 0.4% compared to the same month in 2015, while crossings using cash and other payment methods declined 2.9% (Exhibit 7). Passenger car travel was down 0.3% and other vehicle travel was down 6.9% from October of 2015 (Exhibit 8).

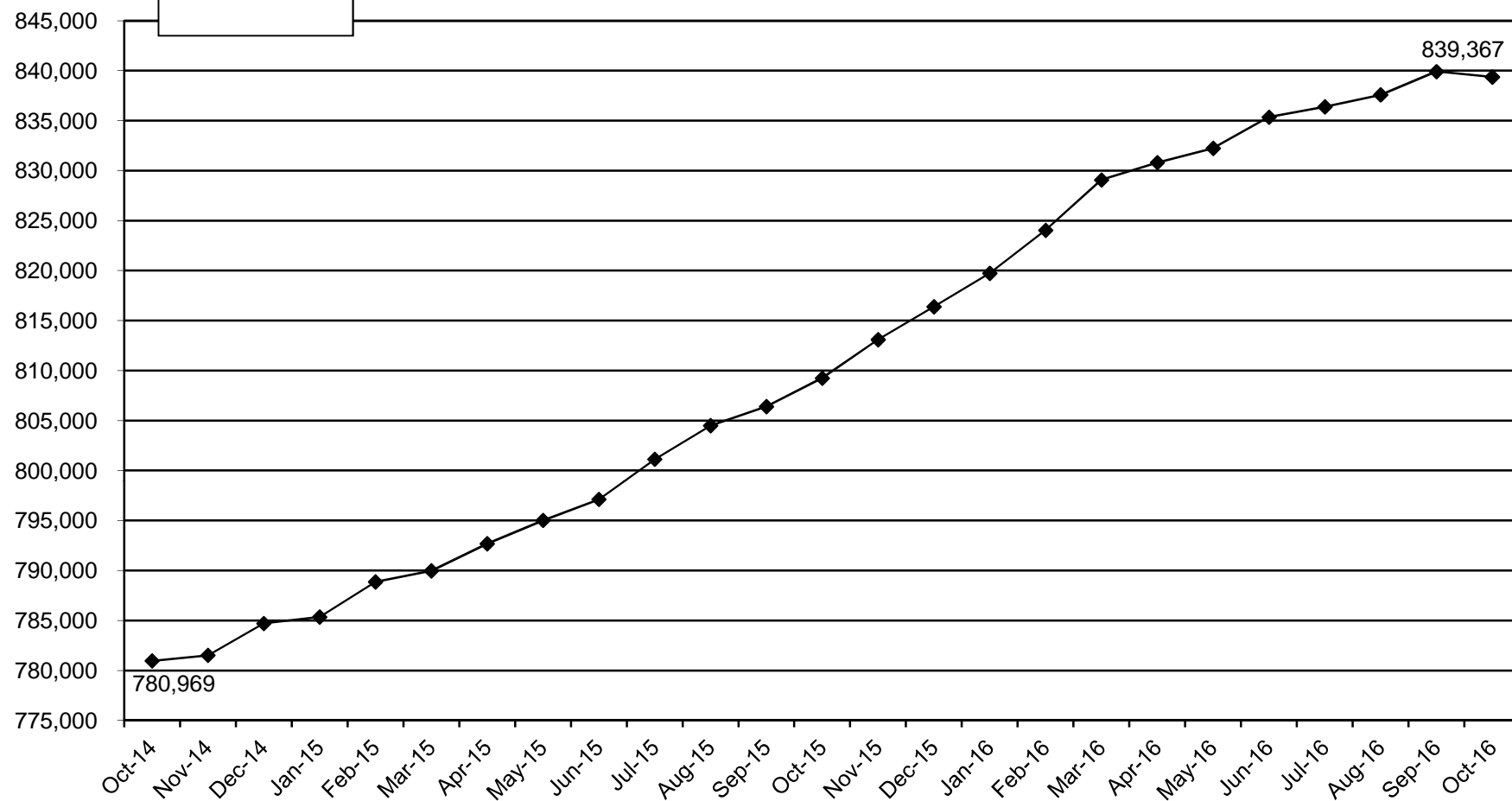
MTA Bridges and Tunnels Traffic Volume - All Facilities Two Years Ending October 2016



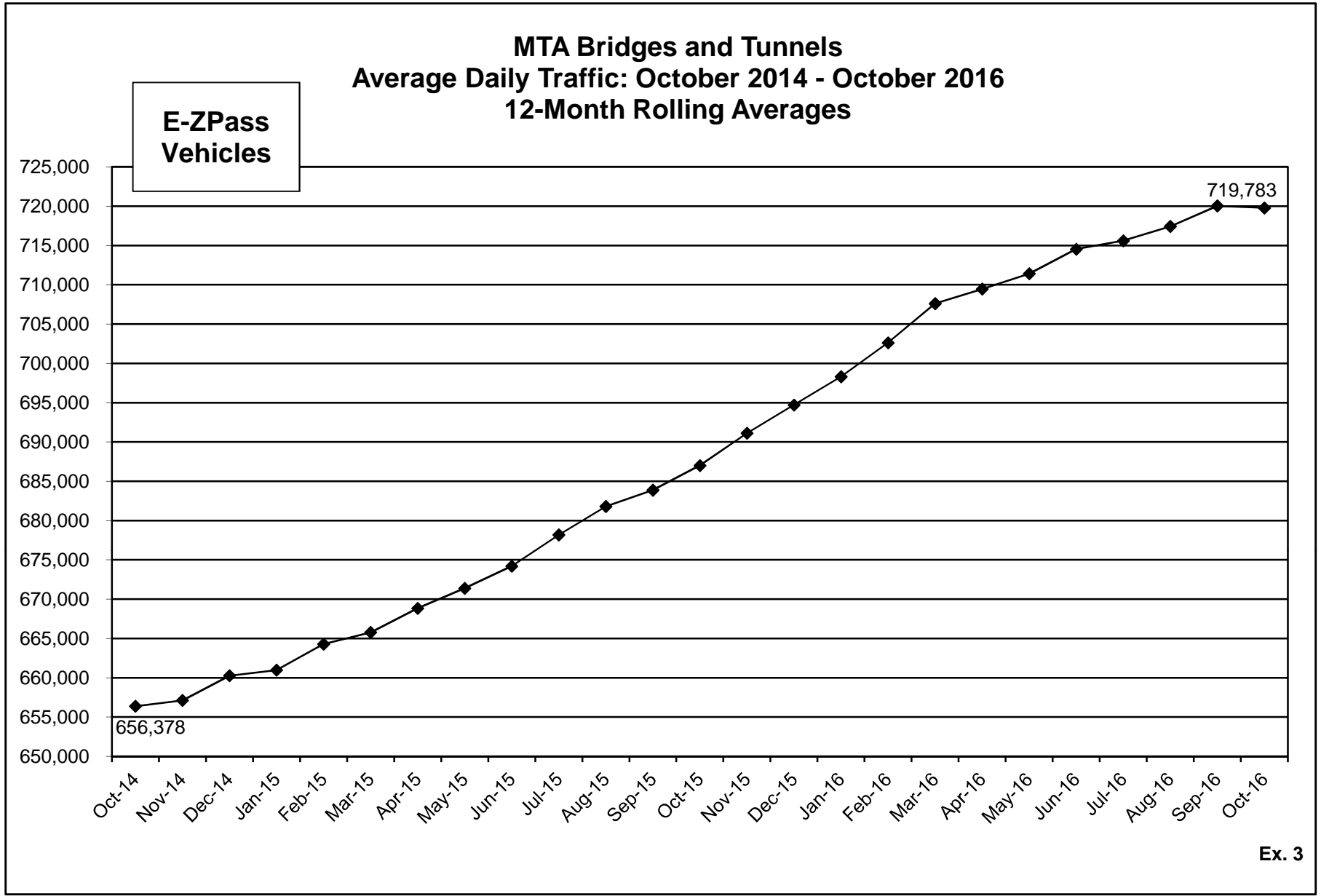
Ex. 1

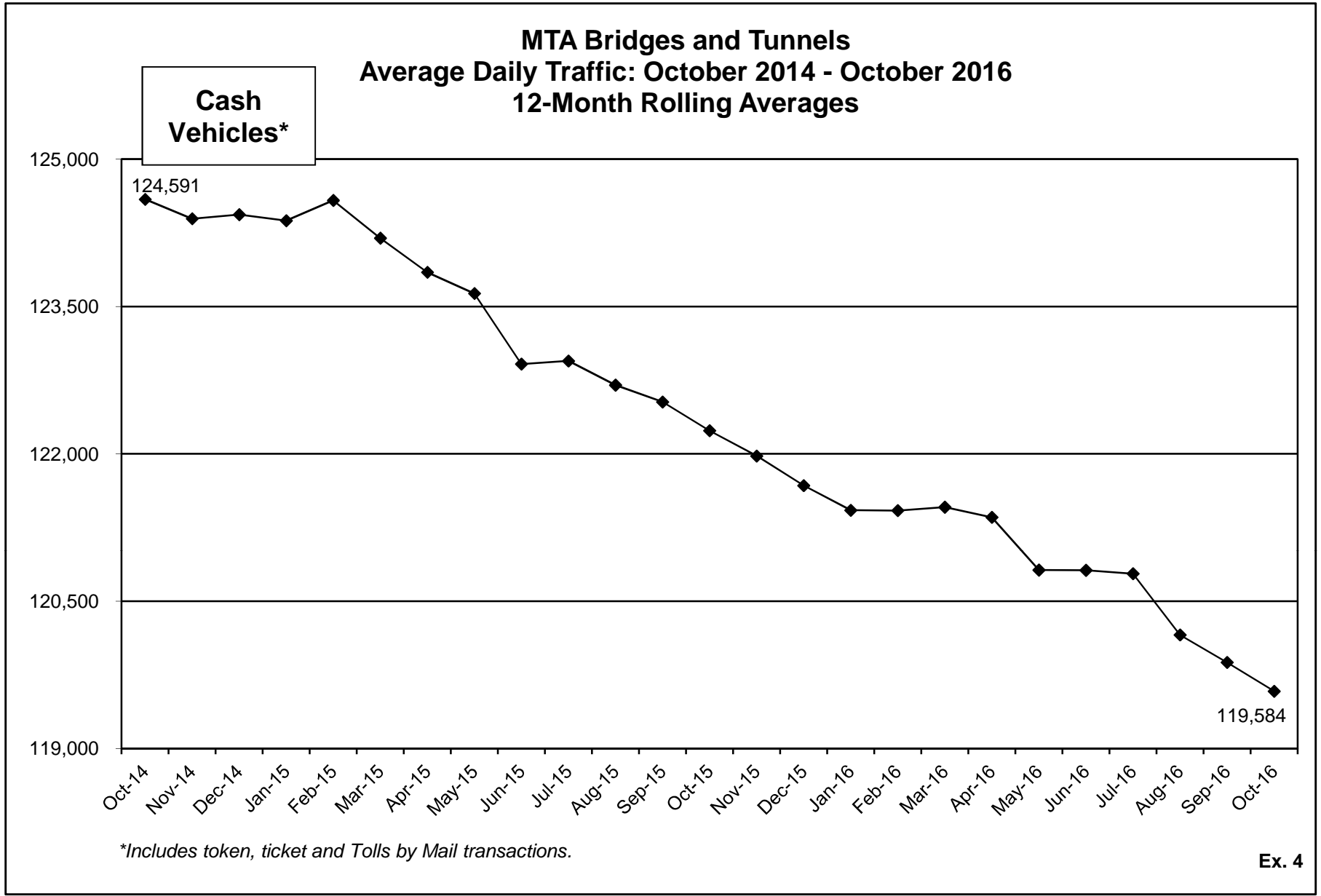
MTA Bridges and Tunnels
Average Daily Traffic: October 2014 - October 2016
12-Month Rolling Averages

All Vehicles



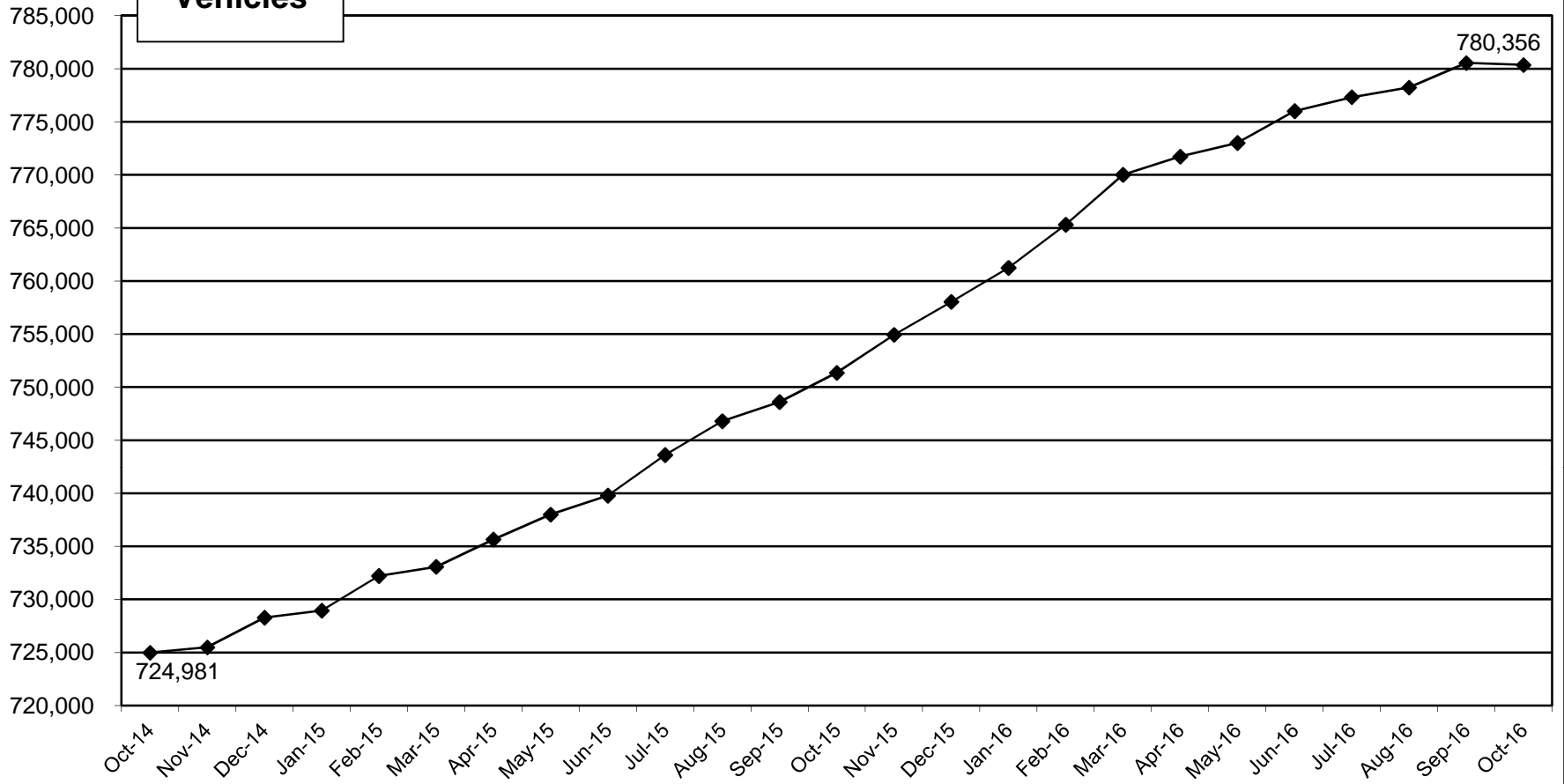
Ex. 2



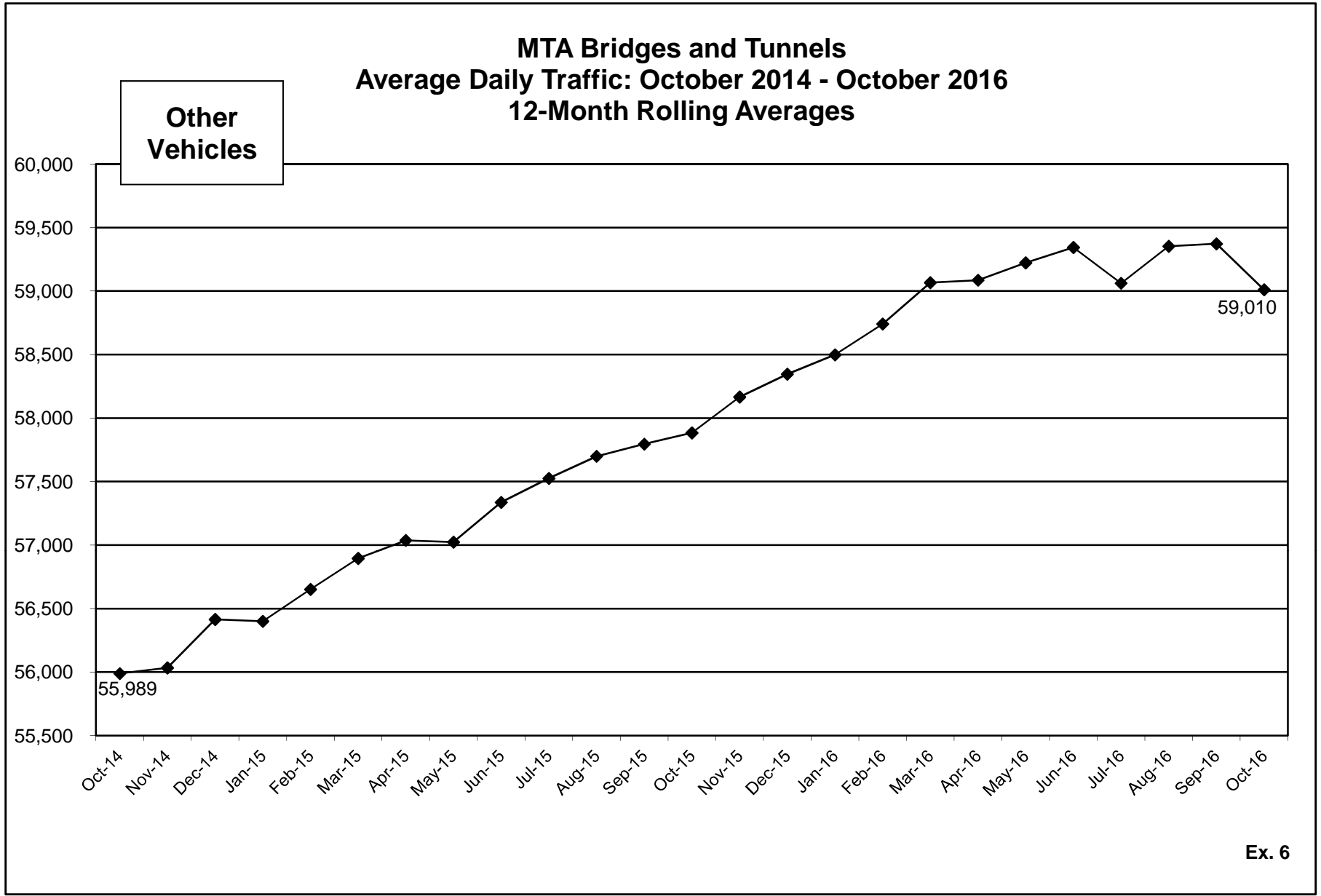


**MTA Bridges and Tunnels
Average Daily Traffic: October 2014 - October 2016
12-Month Rolling Averages**

**Passenger
Vehicles**



Ex. 5



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

Corridor	Toll Media	Oct ⁽¹⁾	3 Months ⁽²⁾ (Aug-Oct)	6 Months ⁽³⁾ (May-Oct)	9 Months ⁽⁴⁾ (Feb-Oct)	12 Months ⁽⁵⁾ (Nov-Oct)
All Facilities	Total Vehicles	-0.8%	1.4%	2.0%	3.2%	3.7%
	E-ZPass	-0.4%	2.3%	2.8%	4.1%	4.8%
	Cash ⁽⁶⁾	-2.9%	-3.7%	-2.7%	-2.0%	-2.2%
RFK Bridge-Bronx Plaza Bronx-Whitestone Bridge Throgs Neck Bridge	Total Vehicles	2.5%	2.8%	2.9%	4.2%	4.8%
	E-ZPass	3.3%	4.0%	4.0%	5.4%	6.2%
	Cash ⁽⁶⁾	-0.7%	-2.5%	-1.6%	-0.7%	-0.8%
RFK Bridge-Manhattan Plaza Queens Midtown Tunnel Hugh L. Carey Tunnel	Total Vehicles	-9.4%	-4.5%	-2.5%	-1.1%	0.0%
	E-ZPass	-8.8%	-3.7%	-1.7%	-0.2%	1.0%
	Cash ⁽⁶⁾	-13.3%	-10.4%	-8.0%	-7.3%	-7.3%
Verrazano-Narrows Bridge	Total Vehicles	2.8%	4.9%	4.6%	5.3%	5.3%
	E-ZPass	3.2%	5.8%	5.5%	6.3%	6.4%
	Cash ⁽⁶⁾	0.7%	-0.8%	-1.1%	-0.9%	-1.4%
Henry Hudson Bridge	Total Vehicles	3.0%	5.2%	4.9%	6.1%	6.5%
	E-ZPass	2.7%	5.2%	5.0%	6.2%	6.5%
	Tolls By Mail	6.7%	4.7%	3.1%	5.4%	6.7%
Marine Parkway Bridge Cross Bay Bridge	Total Vehicles	-1.5%	0.2%	2.0%	3.1%	3.8%
	E-ZPass	-1.6%	1.2%	2.7%	3.9%	4.8%
	Cash ⁽⁶⁾	-0.8%	-5.7%	-1.7%	-1.5%	-2.3%

(1) October 2016 vs. October 2015.

(2) August 2016 to October 2016 vs. August 2015 to October 2015.

(3) May 2016 to October 2016 vs. May 2015 to October 2015.

(4) February 2016 to October 2016 vs. February 2015 to October 2015.

(5) November 2015 to October 2016 vs. November 2014 to October 2015.

(6) Includes tokens and tickets.

Ex. 7

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

Corridor	Vehicle Type	Oct ⁽¹⁾	3 Months ⁽²⁾ (Aug-Oct)	6 Months ⁽³⁾ (May-Oct)	9 Months ⁽⁴⁾ (Feb-Oct)	12 Months ⁽⁵⁾ (Nov-Oct)
All Facilities	Total Vehicles	-0.8%	1.4%	2.0%	3.2%	3.7%
	Passenger	-0.3%	1.5%	2.1%	3.3%	3.9%
	Other	-6.9%	-0.3%	-0.2%	1.1%	1.9%
RFK Bridge-Bronx Plaza Bronx-Whitestone Bridge Throgs Neck Bridge	Total Vehicles	2.5%	2.8%	2.9%	4.2%	4.8%
	Passenger	3.3%	2.9%	3.1%	4.4%	5.0%
	Other	-4.4%	1.1%	1.0%	2.3%	3.1%
RFK Bridge-Manhattan Plaza Queens Midtown Tunnel Hugh L. Carey Tunnel	Total Vehicles	-9.4%	-4.5%	-2.5%	-1.1%	0.0%
	Passenger	-9.2%	-4.5%	-2.3%	-0.9%	0.1%
	Other	-11.6%	-4.8%	-4.4%	-2.7%	-1.7%
Verrazano-Narrows Bridge	Total Vehicles	2.8%	4.9%	4.6%	5.3%	5.3%
	Passenger	3.4%	5.1%	4.8%	5.5%	5.5%
	Other	-5.7%	1.8%	1.8%	2.7%	3.0%
Henry Hudson Bridge	Total Vehicles	3.0%	5.2%	4.9%	6.1%	6.5%
	Passenger	3.2%	5.2%	4.9%	6.1%	6.5%
	Other	-15.6%	2.5%	2.4%	6.5%	9.3%
Marine Parkway Bridge Cross Bay Bridge	Total Vehicles	-1.5%	0.2%	2.0%	3.1%	3.8%
	Passenger	-0.8%	0.5%	2.2%	3.2%	3.9%
	Other	-13.2%	-4.2%	-1.0%	1.2%	2.3%

(1) October 2016 vs. October 2015.

(2) August 2016 to October 2016 vs. August 2015 to October 2015.

(3) May 2016 to October 2016 vs. May 2015 to October 2015.

(4) February 2016 to October 2016 vs. February 2015 to October 2015.

(5) November 2015 to October 2016 vs. November 2014 to October 2015.

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>
Oct-14	25,189,827	\$3.36	61	3.9	-	9
Nov-14	23,400,720	\$3.03	51	3.9	0.4	8
Dec-14	24,198,616	\$2.78	41	6.1	1.3	16
Jan-15	20,983,289	\$2.30	30	4.8	15.5	11
Feb-15	19,983,679	\$2.33	24	2.0	15.2	8
Mar-15 ³	23,836,645	\$2.48	38	4.5	17.3	14
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	51	4.3	-	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	26,028,046	\$2.23	74	2.5	-	9
Oct-16	26,025,189	\$2.27	61	4.8	-	6

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>
2015 vs. 2014						
October	1,035,340	(\$1.07)	(2)	(0.5)	-	(2)
November	1,408,267	(\$0.78)	3	(2.2)	(0)	(3)
December	1,199,721	(\$0.60)	10	(1.8)	(1)	1
2016 vs. 2015						
January	1,223,571	(\$0.25)	6	(0.6)	13	(4)
February	2,395,766	(\$0.43)	15	2.4	(10)	5
March	1,841,362	(\$0.55)	11	(3.2)	(16)	(3)
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	851,265	(\$0.21)	0	0.0	-	3
October	(199,978)	(\$0.02)	2	1.4	-	(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

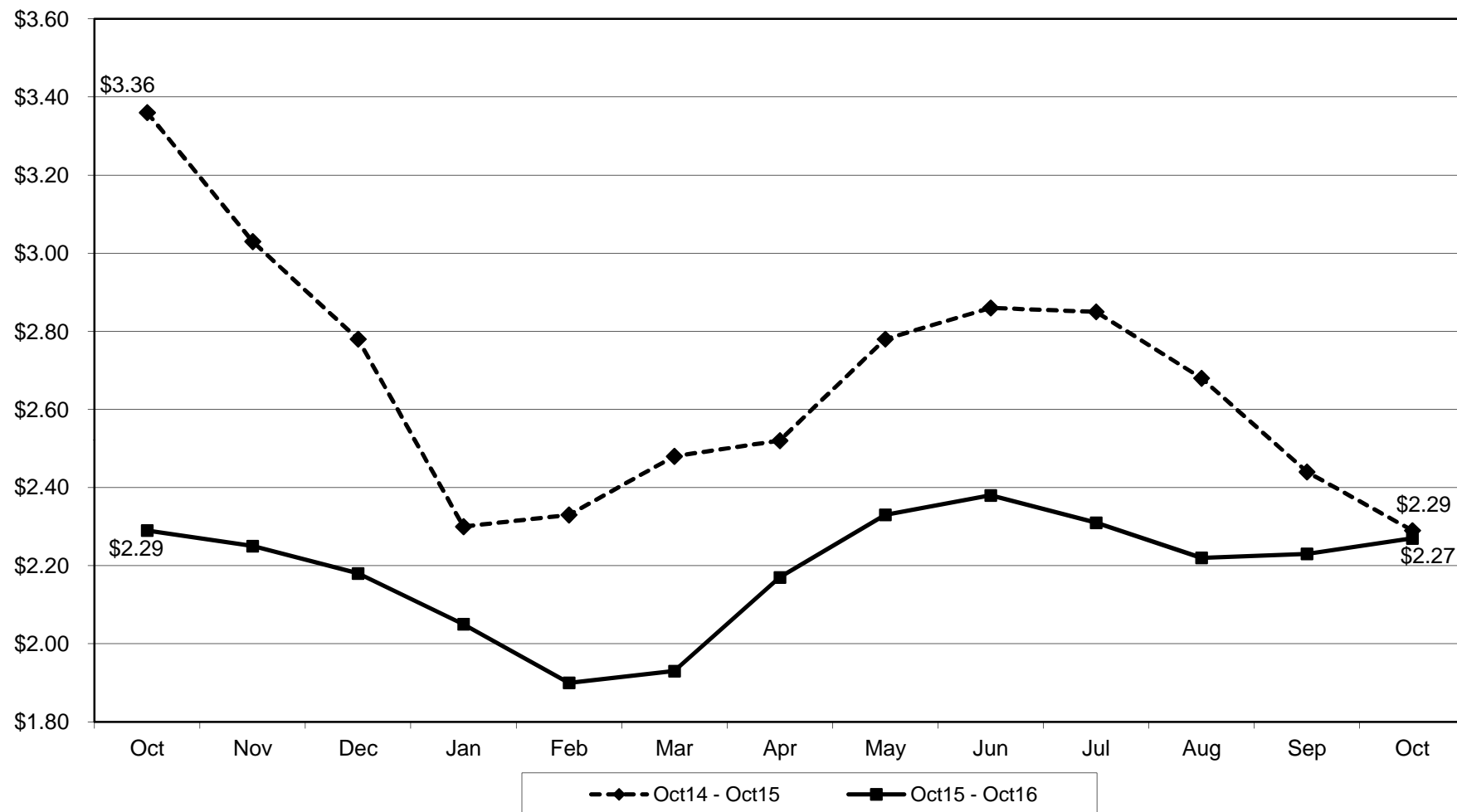
<u>Month</u>	<u>All Vehicles¹</u>	<u>E-ZPass</u>	<u>Cash²</u>	<u>Passenger</u>	<u>Other</u>
Oct-14	780,969	656,378	124,591	724,981	55,989
Nov-14	781,519	657,125	124,394	725,485	56,033
Dec-14	784,704	660,268	124,436	728,289	56,415
Jan-15	785,350	660,977	124,373	728,950	56,400
Feb-15	788,863	664,283	124,580	732,211	56,651
Mar-15	789,972	665,777	124,196	733,077	56,896
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	839,913	720,036	119,878	780,541	59,372
Oct-16	839,367	719,783	119,584	780,356	59,010

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 October 2014 - October 2016





Bridges and Tunnels

Safety Report October 2016



Safety Report

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

Performance Indicator			
Performance Indicator	12-Month Average		
	November 2014 - October 2015	November 2015 - October 2016	% Change
Customer Collisions Rate for Bridge Customers per Million Vehicles	5.81	7.34	26.3%
Customer Injury Collisions Rate for Bridge Customers per Million Vehicles	0.94	1.07	13.8%
Employee Accident Reports	256	248	-3.1%
Employee Lost Time Injuries Rate per 200,000 worker hours	4.9	6.8	38.8%
Construction Injuries per 200,000 worker hours	2.77	2.04	-26.4%

Leading Indicators				
Roadway Safety	2015		2016	
	October	Year End	October	Year to Date
Workforce Development (# of Participants)	23	1687	62	630
Fleet Preventative Maintenance Insp.	66	1186	108	1037
Safety Taskforce Inspections	2	12	2	8
Construction Safety	October	Year End	October	Year to Date
	403	3419	377	3561
Fire Safety	October	Year End	October	Year to Date
	1	13	1	10
FDNY Liaison Visits	2	23	10	25

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 October 2016



MTA Bridges and Tunnels
E-ZPASS Performance Report
October 2016
Preliminary data subject to final audit

E-ZPass Performance at All B&T Facilities			
	October 2016	Year to Date	October 2015
Total E-ZPass Traffic ¹	22,476,522	220,403,665	22,568,996
E-ZPass Market Share: Total	86.4%	85.8%	86.1%
Cars	85.9%	85.2%	85.5%
Trucks	93.3%	93.3%	93.0%

Weekday E-ZPass Performance by Facility²			
Facility	October Average E-Zpass Weekday Traffic and Market Share		
	2016 Average Traffic	2016 Market Share	2015 Market Share
Bronx-Whitestone Bridge	106,220	83.9%	83.1%
Cross Bay Veterans Memorial Bridge	21,241	88.4%	88.5%
Henry Hudson Bridge	68,976	94.4%	94.5%
Hugh L. Carey Tunnel	48,556	92.1%	91.6%
Marine Parkway-Gil Hodges Memorial Bridge	19,291	90.6%	90.5%
Queens Midtown Tunnel	67,242	91.8%	90.9%
Robert F. Kennedy Bridge - Bronx Plaza	68,141	81.5%	80.3%
Robert F. Kennedy Bridge - Manhattan Plaza	85,117	88.2%	87.7%
Throgs Neck Bridge	104,289	87.0%	86.5%
Verrazano-Narrows Bridge ¹	<u>174,613</u>	<u>89.0%</u>	<u>88.7%</u>
All Facilities ¹	763,686	88.1%	87.6%

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
October 2016
Preliminary data subject to final audit

Weekday Peak Hour E-ZPass Performance by Facility³				
Facility	October E-ZPass Market Share			
	2016 AM Peak	2015 AM Peak	2016 PM Peak	2015 PM Peak
Bronx-Whitestone Bridge	88.1%	87.9%	84.6%	84.3%
Cross Bay Veterans Memorial Bridge	91.8%	92.2%	88.9%	88.7%
Henry Hudson Bridge	95.9%	96.1%	94.6%	94.8%
Hugh L. Carey Tunnel	94.6%	93.4%	91.8%	91.5%
Marine Parkway-Gil Hodges Memorial Bridge	92.5%	92.8%	89.8%	90.2%
Queens Midtown Tunnel	93.7%	92.7%	91.9%	91.0%
Robert F. Kennedy Bridge - Bronx Plaza	85.7%	85.4%	81.9%	81.4%
Robert F. Kennedy Bridge - Manhattan Plaza	90.4%	89.9%	88.1%	88.3%
Throgs Neck Bridge	91.3%	90.9%	87.7%	87.0%
Verrazano-Narrows Bridge ⁴	N/A	N/A	91.7%	91.4%
All Facilities	91.0%	90.7%	88.8%	88.6%

Weekend E-ZPass Performance by Facility			
Facility	October Average E-ZPass Weekend Traffic and Market Share		
	2016 Avg. Traffic	2016 Market Share	2015 Market Share
Bronx-Whitestone Bridge	100,084	77.4%	76.7%
Cross Bay Veterans Memorial Bridge	15,769	85.0%	84.5%
Henry Hudson Bridge	61,685	91.9%	92.1%
Hugh L. Carey Tunnel	34,483	88.5%	87.2%
Marine Parkway-Gil Hodges Memorial Bridge	14,338	87.6%	87.3%
Queens Midtown Tunnel	43,096	87.0%	87.0%
Robert F. Kennedy Bridge - Bronx Plaza	62,480	75.2%	74.3%
Robert F. Kennedy Bridge - Manhattan Plaza	77,677	84.5%	83.0%
Throgs Neck Bridge	99,291	82.0%	81.1%
Verrazano-Narrows Bridge ¹	<u>155,274</u>	83.7%	82.8%
All Facilities ¹	664,177	82.9%	82.3%

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
October 2016**

Preliminary data subject to final audit

E-ZPass Interoperability Statistics

B&T E-ZPass Transactions From Other Agencies ⁵			
Customer's E-ZPass Agency	October 2016 Total B&T E-ZPass Transactions	October 2016 Percentage of B&T Total Transactions	October 2015 Percentage of B&T Total Transactions
New York State Thruway Authority ⁶	1,942,947	8.42%	8.04%
Port Authority of NY and NJ	1,213,617	5.26%	5.19%
New Jersey Toll Agencies ⁷	1,177,643	5.11%	5.29%
Massachusetts Turnpike Authority ⁸	121,351	0.53%	0.59%
Pennsylvania Turnpike Commission	111,185	0.48%	0.42%
Maryland Transportation Authority	43,912	0.19%	0.17%
Virginia Department of Transportation ⁹	37,739	0.16%	0.14%
New Hampshire Department of Transportation	17,720	0.08%	0.07%
Delaware Department of Transportation	16,717	0.07%	0.07%
Other ¹⁰	<u>55,100</u>	<u>0.24%</u>	<u>0.21%</u>
Total	4,737,931	20.54%	20.19%

Other Agency B&T E-ZPass Transactions			
Agency Used By B&T Customers	October 2016	YTD 2016	October 2015
New York State Thruway Authority ⁶	3,107,526	28,740,053	2,947,236
Port Authority of NY and NJ	3,738,452	35,691,811	3,454,468
New Jersey Toll Agencies ⁷	5,951,012	61,744,874	5,861,896
New York State Bridge Authority	322,170	2,857,581	298,184
Massachusetts Turnpike Authority ⁸	530,810	5,998,833	660,197
Pennsylvania Turnpike Commission	346,731	3,304,215	295,282
Maryland Transportation Authority	381,158	3,903,711	349,560
Virginia Department of Transportation ⁹	205,924	2,080,671	204,390
New Hampshire Department of Transportation	145,167	1,331,053	140,195
Delaware Department of Transportation	247,984	2,861,793	247,874
Other ¹⁰	<u>470,165</u>	<u>4,387,373</u>	<u>468,333</u>
Total	15,447,099	152,901,968	14,927,615

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
October 2016
Preliminary data subject to final audit

E-ZPass Customer Service Statistics

MTA Bridges and Tunnels Customers				
	October 2016	YTD 2016	YTD 2015	
Accounts Opened:				
Internet	8,948	86,054	83,788	
Walk-In	2,686	27,790	27,603	
Mail	267	2,741	2,765	
On-The-Go	<u>9,485</u>	<u>104,728</u>	<u>103,376</u>	
Total Accounts Opened	21,386	221,313	217,532	
Total Active Accounts		3,085,466	2,955,540	
Number of E-ZPass Tags Issued ¹¹	54,674	543,257	581,348	
Total Active Tags ¹²		4,889,677	4,674,178	
Total Reload Cards Distributed	2,308	170,642	142,827	
Reload Card % of Cash Replenishments	18.5%	17.4%	16.2%	

Customer Service Indicators				
	October 2016	YTD 2016	YTD 2015	
Phone Calls Answered by Customer Service Center:				
Customer Service Representatives	295,720	2,925,539	2,694,266	
Automated System	<u>679,574</u>	<u>6,322,948</u>	<u>5,591,343</u>	
Total Phone Calls Answered	975,294	9,248,487	8,285,609	
Average Phone Call Waiting Time (in min.):				
General Call Unit	0.47	0.37	0.33	
Commercial Call Unit	0.43	0.40	0.58	
Avg. Monthly B&T E-ZPass Trips Per Account	5.75	5.78	5.85	
Average Number of Active Tags Per Account	1.58	1.59	1.59	

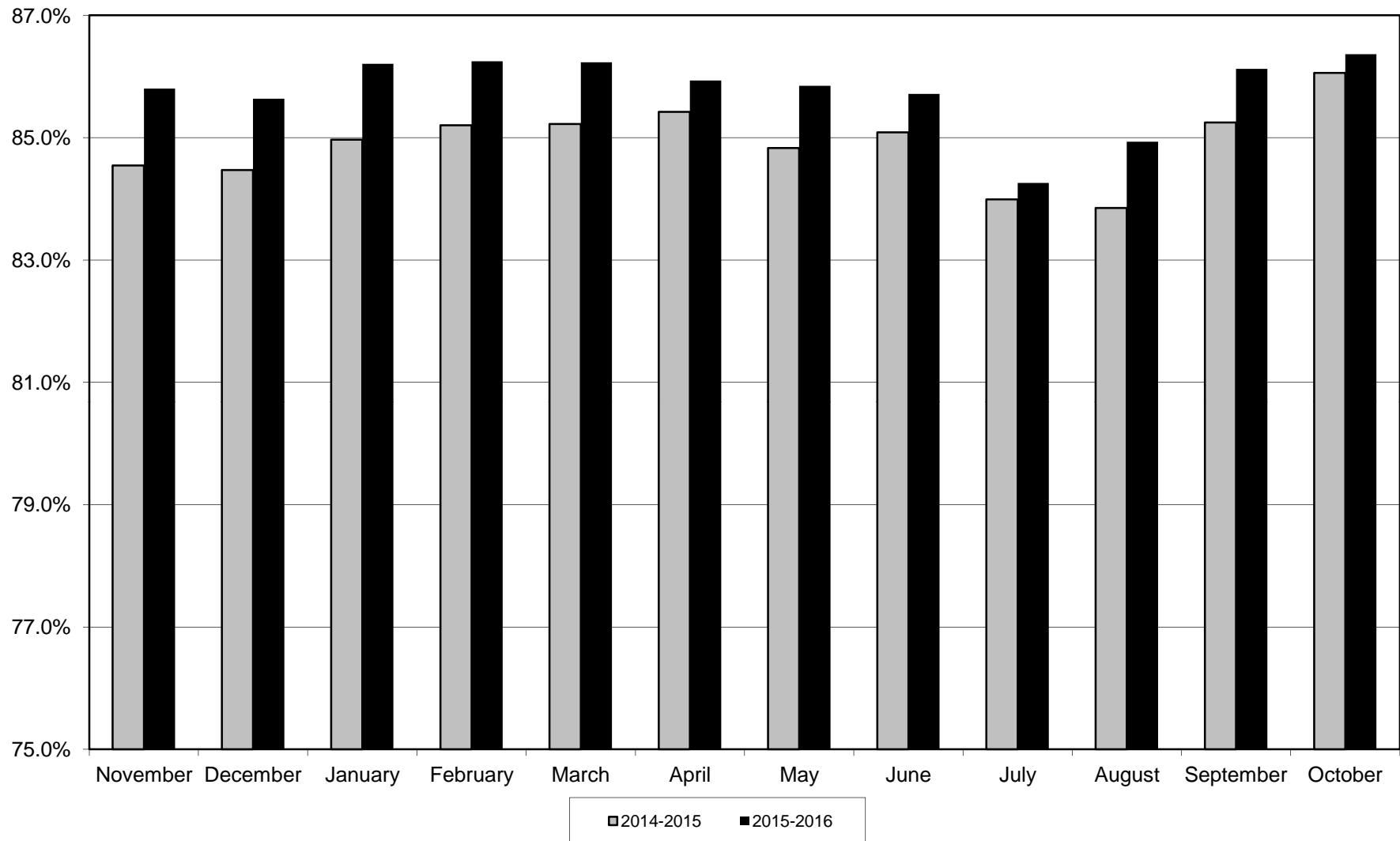
E-ZPass Tag Replacement Program				
	October 2016	YTD 2016	2011-2016	
Number of Replacement Tags Mailed	18,860	101,889	1,938,021	
Number of Tags Returned ¹³	7,260	103,599	1,902,366	
Number of Tags Pending Return	N/A	N/A	35,655	

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
November 2014 through October 2016**





Bridges and Tunnels

Financial Report October 2016



MTA BRIDGES & TUNNELS**STATEMENT OF NET POSITION****As of October 31, 2016**

(in thousands)

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

Cash-Unrestricted	17,881
Investments:	
Unrestricted	195,774
Restricted	947,445
Accrued interest receivable	1,321
Accounts receivable	16,927
Tolls due from other agencies	33,363
Prepaid expenses	918
	<hr/>
Total current assets	1,213,629

NONCURRENT ASSETS:

Investments:	
Restricted	5
Insurance recovery receivable	126,325
Facilities, less acc.dep of \$1,292,984	5,038,801
Capital lease 2 Broadway net acc. dep.	40,162
Derivative Hedge Assets	3,580
Security Deposits	9,890
	<hr/>
Total noncurrent assets	5,218,763

TOTAL ASSETS:

6,432,392**DEFERRED OUTFLOWS OF RESOURCES:**

Deferred outflows of resources related to Pension	63,832
Accumulated decreases in fair value of derivative instruments	160,954
Defeasance costs	157,869
	<hr/>

TOTAL DEFERRED OUTFLOWS OF RESOURCES:

382,655**TOTAL ASSETS AND DEFERRED OUTFLOWS
OF RESOURCES**

6,815,047

MTA BRIDGES & TUNNELS**STATEMENT OF NET POSITION****As of October 31, 2016**

(in thousands)

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

Current portion-long term debt	317,508
Interest Payable	158,518
Accounts Payable	128,483
Accrued Pension Payable	14,515
Payable to MTA-CAP	111,467
Due to MTA-Operating Expenses	1,507
Due to NYCTA-Operating Expenses	696
Accrued salaries	17,582
Accrued Vac & Sick Benefits	17,840
Current portion of estimated liability arising from injury	4,757
Current portion of capital lease obligation	0
Pollution remediation projects	1,829
Due to New York City Transit Authority	56,099
Due to Metropolitan Transportation Authority	75,528
Unredeemed Tolls	154,893
Tolls due to other agencies	63,495
E-ZPass Airport Toll Liability	<u>7,324</u>
Total current liabilities	<u>1,132,040</u>

NONCURRENT LIABILITIES:

Long term debt	8,910,282
Post Employment Benefits Other than Pensions	629,634
Estimated liability arising from injury	34,884
Capital lease obligations	38,398
Derivative Hedge Liabilities	165,166
Net Pension Liability	243,901
Security deposits-Contra	<u>9,890</u>
Total noncurrent liabilities	<u>10,032,156</u>

DEFERRED INFLOW OF RESOURCES

Deferred Inflow of resources related to Pension	48,006
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**TOTAL LIABILITIES AND DEFERRED INFLOWS OF
RESOURCES**

11,212,202

NET POSITION-4,397,155 ***TOTAL LIABILITIES, DEFERRED INFLOWS OF
RESOURCES & NET POSITION**6,815,047

*The negative Net Position of \$4,397,155 consists of various fund balances such as surplus monies and purchase of assets on behalf of MTA and NYCTA. The negative balance occurs because the assets are transferred to MTA and NYCTA during the year, and taken off the B&T Statement of Net Position; while the debt to purchase these assets remains as a liability on the Statement of Net Position of B&T.

MTA BRIDGES AND TUNNELS
JULY FINANCIAL PLAN - 2016 MID-YEAR FORECAST
ACCRUAL STATEMENT of OPERATIONS by CATEGORY
OCTOBER 2016

(\$ in millions)

	Nonreimbursable				Reimbursable				Total			
	Mid-Year Forecast	Actual	Favorable (Unfavorable)		Mid-Year Forecast	Actual	Favorable (Unfavorable)		Mid-Year Forecast	Actual	Favorable (Unfavorable)	
			Variance	Percent			Variance	Percent			Variance	Percent
Revenue												
Farebox Revenue	\$0.000	\$0.000	\$0.000	-	\$0.000	\$0.000	\$0.000	-	\$0.000	\$0.000	\$0.000	-
Vehicle Toll Revenue	160.707	159.624	(1.083)	(0.7)	0.000	0.000	0.000	-	160.707	159.624	(1.083)	(0.7)
Other Operating Revenue	1.912	2.421	0.509	26.6	0.000	0.000	0.000	-	1.912	2.421	0.509	26.6
Capital & Other Reimbursements	0.000	0.000	0.000	-	2.149	1.595	(0.554)	(25.8)	2.149	1.595	(0.554)	(25.8)
Investment Income	0.037	0.074	0.037	99.6	0.000	0.000	0.000	-	0.037	0.074	0.037	99.6
Total Revenue	\$162.656	\$162.119	(\$0.537)	(0.3)	\$2.149	\$1.595	(\$0.554)	(25.8)	\$164.805	\$163.714	(\$1.091)	(0.7)
Expenses												
<i>Labor:</i>												
Payroll	\$11.498	\$9.963	\$1.535	13.3	\$0.950	\$0.579	\$0.370	39.0	\$12.447	\$10.542	\$1.905	15.3
Overtime	2.301	2.206	0.095	4.1	0.172	0.189	(0.017)	(9.7)	2.474	2.395	0.079	3.2
Health and Welfare	2.466	2.161	0.305	12.4	0.244	0.132	0.112	46.0	2.709	2.292	0.417	15.4
OPEB Current Payment	1.473	1.515	(0.042)	(2.8)	0.000	0.000	0.000	-	1.473	1.515	(0.042)	(2.8)
Pensions	3.350	3.481	(0.132)	(3.9)	0.286	0.154	0.131	46.0	3.635	3.636	(0.000)	(0.0)
Other Fringe Benefits	0.956	0.788	0.169	17.6	0.138	0.074	0.063	46.0	1.094	0.862	0.232	21.2
Reimbursable Overhead	(0.360)	(0.466)	0.106	29.5	0.360	0.466	(0.106)	(29.5)	0.000	0.000	0.000	-
Total Labor Expenses	\$21.684	\$19.647	\$2.037	9.4	\$2.149	\$1.595	\$0.554	25.8	\$23.833	\$21.242	\$2.591	10.9
<i>Non-Labor:</i>												
Electric Power	\$0.382	\$0.714	(\$0.331)	(86.7)	\$0.000	\$0.000	\$0.000	-	\$0.382	\$0.714	(\$0.331)	(86.7)
Fuel	0.160	0.064	0.096	60.1	0.000	0.000	0.000	-	0.160	0.064	0.096	60.1
Insurance	1.221	1.227	(0.006)	(0.5)	0.000	0.000	0.000	-	1.221	1.227	(0.006)	(0.5)
Claims	0.000	0.000	0.000	-	0.000	0.000	0.000	-	0.000	0.000	0.000	-
Paratransit Service Contracts	0.000	0.000	0.000	-	0.000	0.000	0.000	-	0.000	0.000	0.000	-
Maintenance and Other Operating Contracts	12.915	7.015	5.899	45.7	0.000	0.000	0.000	-	12.915	7.015	5.899	45.7
Professional Service Contracts	2.950	1.247	1.703	57.7	0.000	0.000	0.000	-	2.950	1.247	1.703	57.7
Materials & Supplies	0.407	0.148	0.260	63.8	0.000	0.000	0.000	-	0.407	0.148	0.260	63.8
Other Business Expenses	2.294	1.936	0.358	15.6	0.000	0.000	0.000	-	2.294	1.936	0.358	15.6
Total Non-Labor Expenses	\$20.329	\$12.350	\$7.979	39.2	\$0.000	\$0.000	\$0.000	-	\$20.329	\$12.350	\$7.979	39.2
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.	\$42.013	\$31.998	\$10.015	23.8	\$2.149	\$1.595	\$0.554	25.8	\$44.162	\$33.592	\$10.570	23.9
Depreciation	\$10.093	\$9.038	\$1.054	10.4	\$0.000	\$0.000	\$0.000	-	\$10.093	\$9.038	\$1.054	10.4
OPEB Obligation	5.558	5.558	0.000	0.0	0.000	0.000	0.000	-	5.558	5.558	0.000	0.0
GASB 68 Pension Adjustment	0.000	0.000	0.000	-	0.000	0.000	0.000	-	0.000	0.000	0.000	-
Environmental Remediation	0.000	0.000	0.000	-	0.000	0.000	0.000	-	0.000	0.000	0.000	-
Total Expenses after Non-Cash Liability Adjs.	\$57.664	\$46.594	\$11.070	19.2	\$2.149	\$1.595	\$0.554	25.8	\$59.813	\$48.189	\$11.624	19.4
Less: Depreciation	\$10.093	\$9.038	\$1.054	10.4	\$0.000	\$0.000	\$0.000	-	\$10.093	\$9.038	\$1.054	10.4
Less: OPEB Obligation	5.558	5.558	0.000	0.0	0.000	0.000	0.000	-	5.558	5.558	0.000	0.0
Less: GASB 68 Pension Adjustment	0.000	0.000	0.000	-	0.000	0.000	0.000	-	0.000	0.000	0.000	-
Total Expenses	\$42.013	\$31.998	\$10.015	23.8	\$2.149	\$1.595	\$0.554	25.8	\$44.162	\$33.592	\$10.570	23.9
Net Surplus/(Deficit)	\$120.643	\$130.121	\$9.478	7.9	\$0.000	\$0.000	\$0.000	-	\$120.643	\$130.121	\$9.478	7.9

Differences are due to rounding.

*Variance exceeds 100%

MTA BRIDGES AND TUNNELS
JULY FINANCIAL PLAN - 2016 MID-YEAR FORECAST
ACCRUAL STATEMENT of OPERATIONS by CATEGORY
OCTOBER 2016
(\$ in millions)

	Nonreimbursable				Reimbursable				Total			
	Favorable (Unfavorable)				Favorable (Unfavorable)				Favorable (Unfavorable)			
	Mid-Year Forecast	Actual	Variance	Percent	Mid-Year Forecast	Actual	Variance	Percent	Mid-Year Forecast	Actual	Variance	Percent
Net Income/(Deficit)									\$120.643	\$130.121	\$9.478	7.9
Less: Capitalized Assets									2.194	0.266	1.928	87.9
Reserves									2.240	2.240	0.000	0.0
GASB Reserves									0.000	0.000	0.000	-
Adjusted Net Income/(Deficit)									\$116.209	\$127.615	\$11.406	9.8
Less: Debt Service									54.530	53.919	0.611	1.1
Income Available for Distribution									\$61.679	\$73.696	\$12.017	19.5
Distributable To:												
MTA - Investment Income									0.037	0.074	0.037	99.6
MTA - Distributable Income									35.043	41.788	6.745	19.2
NYCTR - Distributable Income									26.599	31.834	5.235	19.7
Total Distributable Income									\$61.679	\$73.696	\$12.017	19.5
<u>Support to Mass Transit:</u>												
Total Revenues									164.805	163.714	(1.091)	(0.7)
Less: Total Operating Expenses									<u>44.162</u>	<u>33.592</u>	<u>10.570</u>	23.9
Net Operating Income/(Deficit)									\$120.643	\$130.121	\$9.478	7.9
Deductions from Net Operating Income:												
Capitalized Assets									2.194	0.266	1.928	87.9
Reserves									2.240	2.240	0.000	0.0
B&T Debt Service									25.881	21.984	3.897	15.1
GASB Reserves									0.000	0.000	0.000	-
Total Deductions From Operating Income									\$30.315	\$24.491	\$5.825	19.2
Total Support to Mass Transit									\$90.327	\$105.631	\$15.303	16.9

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
JULY FINANCIAL PLAN - 2016 MID-YEAR FORECAST
ACCRUAL STATEMENT of OPERATIONS by CATEGORY
OCTOBER Year-To-Date

(\$ in millions)

	Nonreimbursable				Reimbursable				Total			
	Mid-Year Forecast	Actual	Favorable (Unfavorable)		Mid-Year Forecast	Actual	Favorable (Unfavorable)		Mid-Year Forecast	Actual	Favorable (Unfavorable)	
			Variance	Percent			Variance	Percent			Variance	Percent
Revenue												
Farebox Revenue	\$0.000	\$0.000	\$0.000	-	\$0.000	\$0.000	\$0.000	-	\$0.000	\$0.000	\$0.000	-
Vehicle Toll Revenue	1,560.596	1,565.214	4.618	0.3	0.000	0.000	0.000	-	1,560.596	1,565.214	4.618	0.3
Other Operating Revenue	22.751	25.415	2.664	11.7	0.000	0.000	0.000	-	22.751	25.415	2.664	11.7
Capital & Other Reimbursements	0.000	0.000	0.000	-	18.853	16.023	(2.830)	(15.0)	18.853	16.023	(2.830)	(15.0)
Investment Income	0.352	0.483	0.131	37.2	0.000	0.000	0.000	-	0.352	0.483	0.131	37.2
Total Revenue	\$1,583.699	\$1,591.113	\$7.414	0.5	\$18.853	\$16.023	(\$2.830)	(15.0)	\$1,602.552	\$1,607.136	\$4.584	0.3
Expenses												
<i>Labor:</i>												
Payroll	\$105.751	\$98.099	\$7.652	7.2	\$7.924	\$6.211	\$1.713	21.6	\$113.675	\$104.310	\$9.365	8.2
Overtime	20.987	19.879	1.108	5.3	1.214	0.914	0.300	24.7	22.201	20.793	1.408	6.3
Health and Welfare	22.617	20.558	2.058	9.1	1.940	1.411	0.529	27.3	24.557	21.969	2.587	10.5
OPEB Current Payment	14.850	15.287	(0.436)	(2.9)	0.000	0.000	0.000	-	14.850	15.287	(0.436)	(2.9)
Pensions	35.142	35.766	(0.624)	(1.8)	2.275	1.655	0.620	27.3	37.417	37.421	(0.004)	(0.0)
Other Fringe Benefits	14.342	13.803	0.539	3.8	1.097	0.798	0.299	27.3	15.439	14.601	0.838	5.4
Reimbursable Overhead	(4.403)	(5.034)	0.631	14.3	4.403	5.034	(0.631)	(14.3)	0.000	0.000	0.000	-
Total Labor Expenses	\$209.286	\$198.358	\$10.929	5.2	\$18.853	\$16.023	\$2.830	15.0	\$228.139	\$214.381	\$13.759	6.0
<i>Non-Labor:</i>												
Electric Power	\$4.269	\$5.261	(\$0.991)	(23.2)	\$0.000	\$0.000	\$0.000	-	\$4.269	\$5.261	(\$0.991)	(23.2)
Fuel	1.378	0.926	0.452	32.8	0.000	0.000	0.000	-	1.378	0.926	0.452	32.8
Insurance	11.848	11.854	(0.006)	(0.1)	0.000	0.000	0.000	-	11.848	11.854	(0.006)	(0.1)
Claims	0.006	0.046	(0.040)	*	0.000	0.000	0.000	-	0.006	0.046	(0.040)	*
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	105.207	95.899	9.309	8.8	0.000	0.000	0.000	-	105.207	95.899	9.309	8.8
Professional Service Contracts	29.885	26.260	3.625	12.1	0.000	0.000	0.000	-	29.885	26.260	3.625	12.1
Materials & Supplies	3.399	2.953	0.446	13.1	0.000	0.000	0.000	-	3.399	2.953	0.446	13.1
Other Business Expenses	24.542	26.166	(1.624)	(6.6)	0.000	0.000	0.000	-	24.542	26.166	(1.624)	(6.6)
Total Non-Labor Expenses	\$180.535	\$169.364	\$11.171	6.2	\$0.000	\$0.000	\$0.000	-	\$180.535	\$169.364	\$11.171	6.2
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.	\$389.821	\$367.722	\$22.099	5.7	\$18.853	\$16.023	\$2.830	15.0	\$408.674	\$383.745	\$24.929	6.1
Depreciation	\$99.336	\$92.948	\$6.388	6.4	\$0.000	\$0.000	\$0.000	-	\$99.336	\$92.948	\$6.388	6.4
OPEB Obligation	56.174	56.173	0.001	0.0	0.000	0.000	0.000	-	\$56.174	56.173	0.001	0.0
GASB 68 Pension Adjustment	0.000	0.000	0.000	-	0.000	0.000	0.000	-	\$0.000	0.000	0.000	-
Environmental Remediation	0.000	0.000	0.000	-	0.000	0.000	0.000	-	0.000	0.000	0.000	-
Total Expenses after Non-Cash Liability Adjs.	\$545.332	\$516.842	\$28.489	5.2	\$18.853	\$16.023	\$2.830	15.0	\$564.185	\$532.865	\$31.319	5.6
Less: Depreciation	\$99.336	\$92.948	\$6.388	6.4	\$0.000	\$0.000	\$0.000	-	\$99.336	\$92.948	\$6.388	6.4
Less: OPEB Obligation	56.174	56.173	0.001	0.0	0.000	0.000	0.000	-	56.174	56.173	0.001	0.0
Less: GASB 68 Pension Adjustment	0.000	0.000	0.000	-	0.000	0.000	0.000	-	0.000	0.000	0.000	-
Total Expenses	\$389.821	\$367.722	\$22.099	5.7	\$18.853	\$16.023	\$2.830	15.0	\$408.674	\$383.745	\$24.929	6.1
Net Surplus/(Deficit)	\$1,193.878	\$1,223.391	\$29.513	2.5	\$0.000	\$0.000	\$0.000	-	\$1,193.877	\$1,223.391	\$29.513	2.5

Differences are due to rounding.

*Variance exceeds 100%

MTA BRIDGES AND TUNNELS
JULY FINANCIAL PLAN - 2016 MID-YEAR FORECAST
ACCURAL STATEMENT of OPERATIONS by CATEGORY
OCTOBER Year-To-Date
(\$ in millions)

	Nonreimbursable				Reimbursable				Total			
	Favorable (Unfavorable)				Favorable (Unfavorable)				Favorable (Unfavorable)			
	Mid-Year Forecast	Actual	Variance	Percent	Mid-Year Forecast	Actual	Variance	Percent	Mid-Year Forecast	Actual	Variance	Percent
Net Income/(Deficit)									\$1,193.877	\$1,223.391	\$29.513	2.5
Less: Capitalized Assets									20.076	13.959	\$6.117	30.5
Reserves									22.401	22.401	0.000	0.0
GASB Reserves									0.000	0.000	0.000	-
Adjusted Net Income/(Deficit)									\$1,151.400	\$1,187.031	\$35.631	3.1
Less: Debt Service									538.048	536.852	1.196	0.2
Income Available for Distribution									\$613.352	\$650.178	\$36.826	6.0
Distributable To:												
MTA - Investment Income									0.352	0.483	0.131	37.2
MTA - Distributable Income									352.346	374.782	22.436	6.4
NYCTR - Distributable Income									260.654	274.913	14.259	5.5
Total Distributable Income									\$613.352	\$650.178	\$36.826	6.0
Support to Mass Transit:												
Total Revenues									1,602.552	1,607.136	4.584	0.3
Less: Total Operating Expenses									<u>408.674</u>	<u>383.745</u>	<u>24.929</u>	6.1
Net Operating Income/(Deficit)									\$1,193.877	\$1,223.391	\$29.513	2.5
Deductions from Net Operating Income:												
Capitalized Assets									20.076	13.959	6.117	30.5
Reserves									22.401	22.401	0.000	0.0
B&T Debt Service									235.903	216.769	19.134	8.1
GASB Reserves									0.000	0.000	0.000	-
Total Deductions From Operating Income									\$278.380	\$253.129	\$25.251	9.1
Total Support to Mass Transit									\$915.498	\$970.262	\$54.764	6.0

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

MTA BRIDGES AND TUNNELS
JULY FINANCIAL PLAN - 2016 MID-YEAR FORECAST
EXPLANATION OF VARIANCES BETWEEN FORECAST AND ACTUAL ACCRUAL BASIS
(\$ in millions)

			October 2016		Year-to-Date		
Generic Revenue or Expense Category	Favorable/ (Unfavorable) Variance		Reason for Variance	Favorable/ (Unfavorable) Variance		Reason for Variance	
	\$	%		\$	%		
Nonreimbursable							
Vehicle Toll Revenue	(1.083)	-0.7%	Lower toll revenue due to 0.8% lower traffic than forecast primarily attributable to accelerated construction work at the Queens Midtown Tunnel and the Hugh L. Carey Tunnel	4.618	0.3%	Higher toll revenue due to 0.5% higher traffic than forecast	
Other Operating Revenue	0.509	26.6%	Higher Other Operating Revenue primarily due to higher E-ZPass administrative and other toll collection fees	2.664	11.7%	Higher Other Operating Revenue primarily due to higher E-ZPass administrative and other toll collection fees	
Investment Income	0.037	99.6%	Minor variance	0.131	37.2%	Minor variance	
Payroll	1.535	13.3%	Lower payroll expenses against the YTD forecast allocation primarily due to vacancies	7.652	7.2%	Lower payroll expenses against the YTD forecast allocation primarily due to vacancies	
Overtime	0.095	4.1%	See overtime tables	1.108	5.3%	See overtime tables	
Health and Welfare	0.305	12.4%	Lower expenses primarily due to vacancies and the timing of expenses against the monthly forecast allocation	2.058	9.1%	Lower expenses primarily due to vacancies and the timing of expenses against the YTD forecast allocation	
OPEB Current Payment	(0.042)	-2.8%	Minor variance	(0.436)	-2.9%	Minor variance	
Pensions	(0.132)	-3.9%	Higher non-reimbursable expenses due to lower capital reimbursement offsets. Total variance is minor for combined non-reimbursable and reimbursable expenses	(0.624)	-1.8%	Higher non-reimbursable expenses due to lower capital reimbursement offsets. Total variance is minor for combined non-reimbursable and reimbursable expenses	
Other Fringe Benefits	0.169	17.6%	Lower expenses primarily due to vacancies	0.539	3.8%	Lower expenses primarily due to vacancies	
Electric Power	(0.331)	-86.7%	Higher electricity expenses primarily due to timing against the monthly forecast allocation	(0.991)	-23.2%	Higher electricity expenses primarily due to timing against the YTD forecast allocation	
Fuel	0.096	60.1%	Lower fuel expenses primarily due to lower usage and timing against the monthly forecast allocation	0.452	32.8%	Lower fuel expenses primarily due to lower usage and timing against the YTD forecast allocation	
Insurance	(0.006)	-0.5%	Minor variance	(0.006)	-0.1%	Minor variance	
Maintenance and Other Operating Contracts	5.899	45.7%	Lower expenses primarily due to the timing of major maintenance projects (\$3.162M), E-ZPass Customer Service Center expenses (\$0.516M) and smaller under-runs across a variety of maintenance areas	9.309	8.8%	Lower expenses primarily due to the timing of E-ZPass Customer Service Center expenses (\$2.205M), security equipment and maintenance (\$2.144M), maintenance of E-ZPass equipment (\$0.754M) and numerous smaller under-runs across a variety of maintenance areas	
Professional Service Contracts	1.703	57.7%	Lower expenses primarily due to the timing of Engineering Services (\$0.696M) and lower than forecast Bond Issuance costs (\$0.915)	3.625	12.1%	Lower expenses primarily due lower than forecast Bond Issuance Costs	
Materials & Supplies	0.260	63.8%	Minor variance	0.446	13.1%	Minor variance	
Other Business Expense	0.358	15.6%	Lower expenses primarily due to the timing of Credit Card Fees (\$263K) against the monthly forecast allocation	(1.624)	-6.6%	Higher expenses primarily due to higher than forecast Credit Card Fees	
Depreciation	1.054	10.4%	Variance primarily due to the timing of accounting entries	6.388	6.4%	Variance primarily due to the timing of accounting entries	
Other Post Employment Benefits	0.000	0.0%	No variance	0.001	0.0%	Minor variance	
Reimbursable							
Capital and Other Reimbursements	(0.554)	-25.8%	Lower capital reimbursements against the monthly forecast allocation	(2.830)	-15.0%	Lower capital reimbursements against the YTD forecast allocation	
Payroll	0.370	39.0%	Lower than planned reimbursable expenses against the monthly forecast allocation	1.713	21.6%	Lower than planned reimbursable expenses against the YTD forecast allocation	
Overtime	(0.017)	-9.7%	Minor variance.	0.300	24.7%	Lower than planned reimbursable expenses against the YTD forecast allocation	
Health and Welfare	0.112	46.0%	Lower than planned reimbursable expenses against the monthly forecast allocation	0.529	27.3%	Lower than planned reimbursable expenses against the YTD forecast allocation	
OPEB Current Payment	0.000	-	No variance	0.000	-	No variance	
Pensions	0.131	46.0%	Lower than planned reimbursable expenses against the monthly forecast allocation	0.620	27.3%	Lower than planned reimbursable expenses against the YTD forecast allocation	
Other Fringe Benefits	0.063	46.0%	Lower than planned reimbursable expenses against the monthly forecast allocation	0.299	27.3%	Lower than planned reimbursable expenses against the YTD forecast allocation	
Reimbursable Overhead	(0.106)	-29.5%	Higher than planned reimbursable expenses against the monthly forecast allocation	(0.631)	-14.3%	Higher than planned reimbursable expenses against the YTD forecast allocation	

MTA Bridges and Tunnels
July Financial Plan - 2016 Mid-Year Forecast
Non-Reimbursable/Reimbursable Overtime
(\$ in millions)

	October						October Year-to-Date					
	MidYear Forecast		Actuals		Var. - Fav./(Unfav)		MidYear Forecast		Actuals		Var. - Fav./(Unfav)	
	Hours	\$	Hours	\$	Hours	\$	Hours	\$	Hours	\$	Hours	\$
NON-REIMBURSABLE OVERTIME												
OPERATIONS & MAINTENANCE												
<u>Scheduled Service</u>	7,955	\$0.577	5,841	\$0.424	2,114 26.6%	\$0.153 26.5%	62,517	\$ 4.506	50,515	\$3.641	12,002 19.2%	\$0.865 19.2%
<u>Unscheduled Service</u>	129	\$0.011	62	\$0.005	67 51.9%	\$0.006 55.5%	844	\$ 0.141	458	\$0.076	387 45.8%	\$0.065 46.1%
<u>Programmatic/Routine Maintenance</u>	1,660	\$0.156	2,763	\$0.260	(1,103) -66.4%	(\$0.104) -66.5%	16,291	\$ 1.591	20,063	\$1.959	(3,772) -23.2%	(\$0.368) -23.2%
<u>Unscheduled Maintenance</u>	764	\$0.072	580	\$0.055	185 24.1%	\$0.017 23.5%	7,562	\$ 0.700	8,360	\$0.774	(799) -10.6%	(\$0.074) -10.6%
<u>Vacancy/Absentee Coverage</u>	12,410	\$0.960	16,332	\$1.263	(3,922) -31.6%	(\$0.303) -31.6%	146,054	\$ 10.934	174,101	\$13.034	(28,047) -19.2%	(\$2.100) -19.2%
<u>Weather Emergencies</u>	14	\$0.001	88	\$0.008	(74) **	(\$0.007) **	9,661	\$ 0.762	11,330	\$0.894	(1,669) -17.3%	(\$0.132) -17.3%
<u>Safety/Security/Law Enforcement</u>	3,216	\$0.241	1,378	\$0.103	1,838 57.2%	\$0.138 57.3%	22,453	\$ 1.679	14,315	\$1.070	8,138 36.2%	\$0.609 36.3%
<u>Other</u>	188	\$0.018	263	\$0.025	(75) -39.9%	(\$0.007) -41.4%	1,447	\$ 0.138	500	\$0.048	948 65.5%	\$0.090 65.2%
<u>*All Other Departments and Accruals</u>		\$0.266		\$0.063		\$0.203 76.2%		\$0.537		(\$1.617)		\$2.154 **
Subtotal	26,336	\$2.301	27,307	\$2.206	(971) -3.7%	\$0.095 4.1%	266,828	\$20.987	279,640	\$19.879	(12,812) -4.8%	\$1.108 5.3%
REIMBURSABLE OVERTIME	2,617	\$0.172	2,592	\$0.189	25 1.0%	(\$0.017) -9.7%	18,693	\$1.214	13,911	\$0.914	4,782 25.6%	\$0.300 24.7%
TOTAL OVERTIME	28,953	\$2.474	29,899	\$2.395	(946) -3.3%	\$0.079 3.2%	285,521	\$22.201	293,551	\$20.793	(8,030) -2.8%	\$1.408 6.3%

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
July Financial Plan - 2016 Mid-Year Forecast
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>	2,114 26.6%	\$0.153 26.5%	Lower than planned expenses	12,002 19.2%	\$0.865 19.2%	Lower than planned expenses
<u>Unscheduled Service</u>	67 51.9%	\$0.006 55.5%	Minor variance	387 45.8%	\$0.065 46.1%	Lower than planned expenses
<u>Programmatic/Routine Maintenance</u>	(1,103) -66.4%	(\$0.104) -66.5%	Higher than planned expenses	(3,772) -23.2%	(\$0.368) -23.2%	Higher than planned expenses
<u>Unscheduled Maintenance</u>	185 24.1%	\$0.017 23.5%	Minor variance	(799) -10.6%	(\$0.074) -10.6%	Higher than planned expenses
<u>Vacancy/Absentee Coverage</u>	(3,922) -31.6%	(\$0.303) -31.6%	Higher than planned expenses	(28,047) -19.2%	(\$2.100) -19.2%	Higher than planned expenses
<u>Weather Emergencies</u>	(74) **	(\$0.007) **	Minor variance	(1,669) -17.3%	(\$0.132) -17.3%	Higher than planned expenses primarily due to Tropical Storm Hermine
<u>Safety/Security/Law Enforcement</u>	1,838 57.2%	\$0.138 57.3%	Lower than planned expenses	8,138 36.2%	\$0.609 36.3%	Lower than planned expenses
<u>Other</u>	(75) -39.9%	(\$0.007) -41.4%	Minor variance	948 65.5%	\$0.090 65.2%	Lower than planned expenses
<u>*All Other Departments and Accruals</u>		\$0.203 76.2%	Primarily due to adjustments for the 28-day OT payroll lag		\$2.154 **	Primarily due to adjustments for the 28-day OT payroll lag
Subtotal	(971) -3.7%	\$0.095 4.1%		(12,812) -4.8%	\$1.108 5.3%	
REIMBURSABLE OVERTIME	25 1.0%	(\$0.017) -9.7%	Primarily due to the timing of billing for projects eligible for reimbursement from the capital program	4,782 25.6%	\$0.300 24.7%	Primarily due to the timing of billing for projects eligible for reimbursement from the capital program
TOTAL OVERTIME	(946)	\$0.079		(8,030)	\$1.408	

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
2016 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 OctoberYear to date ending October 2016**Comparison Current Year vs. Prior Year:**

<u>Prior Year</u>		<u>Current Year</u>		<u>Percentage Change</u>			<u>Prior Year*</u>		<u>Current Year</u>		<u>Percentage Change</u>	
<u>Traffic</u>	<u>Revenue</u>	<u>Traffic</u>	<u>Revenue</u>	<u>Traffic</u>	<u>Revenue</u>		<u>Traffic</u>	<u>Revenue</u>	<u>Traffic</u>	<u>Revenue</u>	<u>Traffic</u>	<u>Revenue</u>
3.7	\$26.4	3.9	\$27.4	5.3%	4.0%	Bronx-Whitestone	34.9	\$243.2	38.3	\$267.6	9.8%	10.0%
0.7	1.5	0.7	1.5	2.1%	1.3%	Cross Bay	6.7	14.8	7.0	15.6	4.7%	5.8%
2.1	6.5	2.2	6.6	3.0%	2.4%	Henry Hudson	19.2	58.8	20.5	63.4	6.8%	7.7%
1.6	9.5	1.5	8.9	-6.9%	-6.5%	Hugh L. Carey	14.6	88.4	15.1	91.8	3.1%	3.7%
0.6	1.4	0.6	1.3	-5.3%	-6.2%	Marine Parkway	6.5	14.2	6.7	14.6	2.4%	2.8%
2.6	16.5	2.0	12.9	-21.6%	-21.5%	Queens Midtown	23.9	151.9	22.9	146.3	-4.3%	-3.7%
2.6	19.0	2.6	18.8	0.7%	-0.6%	RFK - Bronx	24.7	181.8	24.9	183.8	0.7%	1.1%
2.9	18.4	2.9	18.2	0.2%	-0.7%	RFK - Manhattan	27.2	170.3	27.5	173.2	1.4%	1.7%
3.7	28.7	3.7	28.7	1.0%	0.2%	Throgs Neck	35.1	270.0	36.1	280.0	2.7%	3.7%
5.8	32.2	5.9	35.1	2.8%	9.2%	Verrazano-Narrows	54.9	309.2	58.0	328.9	5.6%	6.4%
26.2	\$159.9	26.0	\$159.6	-0.8%	-0.2%	Total	247.8	\$1,502.6	257.0	\$1,565.2	3.7%	4.2%
	\$6.096		\$6.133		0.6%	Revenue Per Vehicle		\$6.064		\$6.090		0.4%

Note: Numbers may not add due to rounding.

*Toll increase implemented March 22, 2015

Comparison Actual vs. Mid-Year Forecast:

<u>Mid-Year Forecast</u>		<u>Oct Actual</u>		<u>Percentage Change</u>			<u>Mid-Year Forecast</u>		<u>YTD Actual</u>		<u>Percentage Change</u>	
<u>Traffic</u>	<u>Revenue</u>	<u>Traffic</u>	<u>Revenue</u>	<u>Traffic</u>	<u>Revenue</u>		<u>Traffic</u>	<u>Revenue</u>	<u>Traffic</u>	<u>Revenue</u>	<u>Traffic</u>	<u>Revenue</u>
26.2	160.7	26.0	159.6	-0.8%	-0.7%	Total All	255.7	\$1,560.6	257.0	\$1,565.2	0.5%	0.3%
	\$6.125		\$6.133		0.1%	Revenue Per Vehicle		\$6.103		\$6.090		-0.2%

MTA BRIDGES AND TUNNELS
JULY FINANCIAL PLAN - 2016 MID-YEAR FORECAST
TOTAL POSITIONS BY FUNCTION AND DEPARTMENT
NON-REIMBURSABLE/REIMBURSABLE and FULL-TIME POSITIONS/FULL-TIME EQUIVALENTS
October 2016

Department	Mid-Year Forecast	Actual	Favorable (Unfavorable) Variance	Explanation of Variances
Administration				
Executive	8	5	3	4 Professional vacancies and 1 Managerial overage
Law ⁽¹⁾	13	14	(1)	1 Professional overage
CFO ⁽²⁾	25	23	2	4 Managerial vacancies and 2 Professional overages
Administration ⁽³⁾	37	39	(2)	1 Managerial and 1 Professional overage
EEO	2	1	1	1 Managerial vacancy
Total Administration	85	82	3	
Operations				
Revenue Management	43	39	4	2 Managerial vacancies, and 1 Professional and 1 BTO vacancy
Operations (Non-Security)	716	487	229	176 BTO vacancies, 51 Managerial vacancies and 2 Professional vacancies
Total Operations	759	526	233	
Maintenance				
Maintenance	197	195	2	1 Managerial and 1 Professional vacancy
Operations - Maintainers	181	179	2	2 Maintainer vacancies
Total Maintenance	378	374	4	
Engineering/Capital				
Engineering & Construction	190	163	27	14 Managerial and 13 Professional vacancies
Safety & Health	10	8	2	1 Managerial and 1 Professional vacancy
Law ⁽¹⁾	24	19	5	2 Managerial and 3 Professional vacancies
CFO-Planning & Budget Capital	29	19	10	3 Managerial and 7 Professional vacancies
Total Engineering/Capital	253	209	44	
Public Safety				
Operations (Security)	232	232	-	
Internal Security - Operations	43	39	4	2 Managerial and 2 Professional vacancies
Total Public Safety	275	271	4	
Total Positions	1,750	1,462	288	
Non-Reimbursable	1,663	1,375	288	
Reimbursable	87	87	-	
Total Full-Time	1,750	1,462	288	

(1) Includes Legal and Procurement staff.

(2) Includes Controller and Operating Budget staff.

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

MTA BRIDGES AND TUNNELS
JULY FINANCIAL PLAN - 2016 MID-YEAR FORECAST
TOTAL POSITIONS BY FUNCTION AND OCCUPATION
FULL-TIME POSITIONS and FULL-TIME EQUIVALENTS
October 2016

	Mid-Year Forecast	Actual	Favorable (Unfavorable) Variance	Explanation of Variances
Administration				
Managers/Supervisors	31	28	3	4 vacancies in CFO, 1 vacancy in EEO, 1 overage in Administration and 1 in Executive
Professional, Technical, Clerical	54	54	-	4 vacancies in Executive, 2 overages in CFO, 1 overage in Law and 1 in Administration
Operational Hourlies	-	-	-	
Total Administration	85	82	3	
Operations				
Managers/Supervisors	215	162	53	51 vacancies in Operations and 2 in Revenue Management
Professional, Technical, Clerical	35	32	3	2 vacancies in Operations and 1 vacancy in Revenue Management
Operational Hourlies ⁽¹⁾	509	332	177	176 BTO vacancies in Operations and 1 BTO vacancy in Revenue Management
Total Operations	759	526	233	
Maintenance				
Managers/Supervisors	18	17	1	1 vacancy in Maintenance
Professional, Technical, Clerical	19	18	1	1 vacancy in Maintenance
Operational Hourlies ⁽²⁾	341	339	2	2 Maintainer vacancies in Operations
Total Maintenance	378	374	4	
Engineering/Capital				
Managers/Supervisors	60	40	20	14 vacancies in Engineering, 3 in CFO, 2 in Law, and 1 vacancy in Safety and Health
Professional, Technical, Clerical	193	169	24	13 vacancies in Engineering, 7 in CFO, 3 in Law, and 1 vacancy in Safety and Health
Operational Hourlies	-	-	-	
Total Engineering/Capital	253	209	44	
Public Safety				
Managers/Supervisors	46	44	2	2 vacancies in Internal Security
Professional, Technical, Clerical	33	31	2	2 vacancies in Internal Security
Operational Hourlies ⁽³⁾	196	196	-	
Total Public Safety	275	271	4	
Total Positions				
Managers/Supervisors	370	291	79	
Professional, Technical, Clerical	334	304	30	
Operational Hourlies	1,046	867	179	
Total Positions	1,750	1,462	288	

(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.

MTA BRIDGES AND TUNNELS
MID-YEAR FORECAST AND NOVEMBER FORECAST vs. ACTUAL RESULTS (NON-REIMBURSABLE)
OCTOBER 2016 YEAR-TO-DATE
(\$ in millions)

	October Year-to-Date			Favorable(Unfavorable) Variance			
	Mid-Year Forecast	November Forecast	Actual	Mid-Year Forecast		November Forecast	
	\$	\$	\$	\$	%	\$	%
Total Revenue	1,583.699	1,590.831	1,591.113	7.414	0.5	0.282	0.0
Investment Income	0.352	0.415	0.483	0.131	37.2	0.068	16.5
Total Revenue without Investment Income	1,583.347	1,590.416	1,590.629	7.283	0.5	0.214	0.0
Total Expenses before Non-Cash Liability Adjs	389.821	376.555	367.722	22.099	5.7	8.833	2.3
Depreciation	99.336	99.336	92.948	6.388	6.4	6.388	6.4
Other Post-Employment Benefits	56.174	56.174	56.173	0.001	0.0	0.001	0.0
Environmental Remediation	0.000	0.000	0.000	0.000		0.000	
Total Expenses after Non-Cash Liability Adjs	545.332	532.066	516.842	28.489	5.2	15.223	2.9
Less: Depreciation	99.336	99.336	92.948	6.388	6.4	6.388	6.4
Less: Other Post-Employment Benefits	56.174	56.174	56.173	0.001	0.0	0.001	0.0
Total Expenses	389.821	376.555	367.722	22.099	5.7	8.833	2.3
Net Income/(Deficit)	1,193.878	1,214.275	1,223.391	29.513	2.5	9.115	0.8
Net Income without Investment Income	1,193.525	1,213.860	1,222.907	29.382	2.5	9.047	0.7

Note: Totals may not add due to rounding

MTA BRIDGES AND TUNNELS
EXPLANATION OF VARIANCES BETWEEN NOVEMBER FORECAST AND ACTUAL RESULTS
NON-REIMBURSABLE
OCTOBER 2016 YEAR-TO-DATE
(\$ in millions)

	Favorable/(Unfavorable)		Variance Explanation
	<u>Variance</u>	<u>Percent</u>	
Total Revenue	\$0.282	0.0	Primarily due to higher than forecast E-ZPass administrative fee income
Total Expenses	\$8.833	2.3	Primarily due to vacancies, lower overtime, and the timing of major maintenance projects

NOTE: Mid-Year Forecast vs. Actual Variance explanations are provided in the monthly report to the Finance Committee




Bridges and Tunnels

2017 Budget and 2017-2020 Financial Plan Adoption

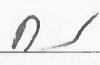


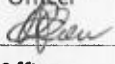
Staff Summary

Subject
B&T 2017 Budget and 2017-2020 Financial Plan Adoption
Department
Office of the Chief Financial Officer
Department Head Name
Mildred Chua
Department Head Signature

Project Manager Name
Dore Abrams

Date
December 2, 2016
Vendor Name
Contract Number
Contract Manager Name
Table of Contents Ref #

Board Action					
Order	To	Date	Approval	Info	Other
1	B&T Committee	12/12/16	X		
2	Finance Committee	12/12/16	X		
3	MTA Board	12/14/16	X		

Internal Approvals			
Order	Approval	Order	Approval
2	President 		VP Staff Services
	Executive Vice President		VP Procurement & Materials
	General Counsel		VP Labor Relations
	VP Operations		VP & Chief Engineer

Internal Approvals (cont.)							
Order	Approval	Order	Approval	Order	Approval	Order	Approval
1	Chief Financial Officer 		Chief Technology Officer		Chief Health & Safety Officer		Other
	Chief Security Officer		Chief Maintenance Officer		Chief EEO Officer		

PURPOSE:

To secure MTA Board adoption of the MTA Bridges and Tunnels' (B&T) 2016 November Forecast, 2017 Final Proposed Budget, and the Four-Year Financial Plan for 2017-2020.

DISCUSSION:

The 2017 Final Proposed Budget, which is consistent with information presented to the Board in November, provides sufficient funding to maintain B&T's planned service levels, as well as MTA's commitment to provide safe, reliable and efficient transportation service to the metropolitan New York region. The baseline projections exclude the estimated impacts from projected toll increases, unidentified MTA efficiencies, and MTA policy actions. These impacts will be presented as part of MTA consolidated materials.

B&T estimates that for 2016 and 2017 combined, \$2,737.4 million will be provided in baseline net operating income.

2016 NOVEMBER FORECAST-BASELINE

The 2016 November Forecast projects \$1,897.3 million in non-reimbursable revenues, of which \$1,869.3 million is from Toll Revenue. Total non-reimbursable expenses before depreciation and other post-employment benefits are projected to be \$501.1 million, consisting of nearly \$248.1 million in labor expenses and nearly \$253.1 million in non-labor expenses. Total Support to Mass Transit is projected to be \$1.067 billion. Reimbursable revenue and expenses are both forecast at \$23.2 million. Total end-of-year positions are projected at 1,578, including 1,491 non-reimbursable positions and 87 reimbursable positions.

2017 FINAL PROPOSED BUDGET-BASELINE

The 2017 Final Proposed Budget projects \$1,894.2 million in non-reimbursable revenues, of which \$1,867.0 million is from Toll Revenue. Total non-reimbursable expenses before depreciation and other post-employment benefits are projected to be \$552.8 million, consisting of nearly \$273.5 million in labor expenses and nearly \$279.4 million in non-labor expenses. Total Support to Mass Transit is projected to be \$992.1 million. Reimbursable revenue and expenses are both forecast at \$23.9 million. Total end-of-year positions are projected at 1,591, including 1,504 non-reimbursable positions and 87 reimbursable positions.

MAJOR PROGRAMMATIC INITIATIVES

- **Governor's New York Crossings Project (NYCP)** – Major components of this initiative include:
 - B&T will be implementing Open Road Tolling (ORT) at its facilities throughout 2017 and all facilities will be fully operational by the end of the year. ORT will significantly enhance traffic flow, reduce congestion and decrease commute times, making it easier for New Yorkers to get where they need to go. Sensors and cameras will be suspended over the highway on gantries and vehicles will not be required to stop. Vehicles with E-ZPass will be automatically charged and non-E-ZPass vehicles will have their license plate recorded and a bill will be mailed to the registered owner of the vehicle.
 - New tunnel barriers will be installed to control major floods and seismic measures will be undertaken on bridges to provide long-term protection from earthquakes and other natural forces.
 - Approach plazas will be re-designed in ways that will enhance both the functionality and the aesthetics of the facilities. LED lighting, which can be programmed into different colors and patterns, will also be adopted on all B&T facilities.
 - Collaborations with New York State agencies will significantly enhance B&T's safety and security efforts. Anti-terrorism teams will be combined with traffic enforcement at crossings and new operating protocols will be developed across agencies.
- **Programs to Increase E-ZPass Usage**
 - **Marketing** efforts to promote the benefits of E-ZPass and the ease of opening and maintaining accounts may include promotional videos; links to social media, the MTA web site and travel related web sites; television, radio and print advertisements; customer communication through variable message signs; and a marketing presence at community events.
 - **MTA Reload Card** has made it significantly easier for customers to replenish their E-ZPass account with cash. To date, more than 170,000 cards have been issued to customers and approximately 17% of total cash replenishments are currently made using the reload cards.
 - **E-ZPass Pay Per Trip** enables customers to set up an E-ZPass account without a pre-paid balance by debiting their checking account through an Automated Clearinghouse (ACH) deduction on days when tolls are posted. To date, over 80,000 account holders have signed up for this initiative.

IMPACT ON FUNDING

The 2016 November Forecast, the 2017 Final Proposed Budget, and the Four-Year Financial Plan 2017–2020, which are presented in the attached tables, are consistent with the proposed MTA Financial Plan.

RECOMMENDATION

It is recommended that the MTA Board adopt the 2016 November Forecast, the 2017 Final Proposed Budget, and the Four-Year Financial Plan for 2017–2020 for MTA Bridges and Tunnels.

The legal name of MTA Bridges and Tunnels is Triborough Bridge and Tunnel Authority.

MTA BRIDGES AND TUNNELS
November Financial Plan 2017-2020
Accrual Statement of Operations by Category
(\$ in millions)

NON-REIMBURSABLE

	2015	2016	2017			
	<u>Actual</u>	<u>November Forecast</u>	<u>Final Proposed Budget</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>
Operating Revenue						
Vehicle Toll Revenue	\$1,808.901	\$1,869.308	\$1,866.960	\$1,865.491	\$1,878.098	\$1,885.161
Other Operating Revenue	36.172	27.527	26.220	26.220	26.220	26.220
Capital and Other Reimbursements	0.000	0.000	0.000	0.000	0.000	0.000
Investment Income	0.183	0.427	0.987	1.240	1.240	1.240
Total Revenue	\$1,845.256	\$1,897.261	\$1,894.167	\$1,892.951	\$1,905.558	\$1,912.621
Operating Expenses						
<u>Labor:</u>						
Payroll	\$118.804	\$124.397	\$141.608	\$144.664	\$150.593	\$150.530
Overtime	21.914	26.309	26.658	27.190	27.740	28.305
Health and Welfare	25.014	24.854	31.044	31.554	32.774	34.026
OPEB Current Payment	16.799	18.153	19.424	19.871	20.745	21.679
Pensions	39.850	41.812	41.182	41.891	41.520	40.800
Other Fringe Benefits	19.918	17.681	18.936	19.291	21.210	21.960
Reimbursable Overhead	(7.200)	(5.123)	(5.368)	(5.151)	(5.150)	(5.148)
Total Labor Expenses	\$235.099	\$248.084	\$273.483	\$279.309	\$289.432	\$292.152
<u>Non-Labor:</u>						
Electric Power	\$4.991	\$4.966	\$5.971	\$6.221	\$6.488	\$6.961
Fuel	1.977	1.445	1.774	1.867	1.959	2.161
Insurance	14.798	14.855	15.617	16.323	17.081	17.886
Claims	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
Maintenance and Other Operating Contracts	129.500	151.154	177.037	227.408	231.890	239.017
Professional Service Contracts	27.936	39.450	40.885	40.914	41.410	42.513
Materials & Supplies	3.255	4.049	4.212	4.319	4.425	4.538
Other Business Expenses	35.203	37.141	33.866	34.753	35.649	36.743
Total Non-Labor Expenses	\$217.660	\$253.059	\$279.363	\$331.805	\$338.902	\$349.818
<u>Other Expense Adjustments:</u>						
Other	\$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
Total Expenses Before Depreciation and GASB Adjs.	\$452.759	\$501.144	\$552.846	\$611.114	\$628.335	\$641.970
Add: Depreciation	\$109.783	\$119.521	\$127.853	\$136.766	\$146.300	\$156.499
Add: OPEB Obligation	71.148	67.291	70.656	74.189	77.898	81.793
Add: GASB 68 Pension Adjustment	(8.691)	(10.409)	(8.740)	(8.423)	(6.772)	(4.672)
Add: Environmental Remediation	0.000	0.000	0.000	0.000	0.000	0.000
Total Expenses After Depreciation and GASB Adjs.	\$624.999	\$677.546	\$742.615	\$813.646	\$845.761	\$875.590
Less: Depreciation	\$109.783	\$119.521	\$127.853	\$136.766	\$146.300	\$156.499
Less: OPEB Obligation	71.148	67.291	70.656	74.189	77.898	81.793
Less: GASB 68 Pension Adjustment	(8.691)	(10.409)	(8.740)	(8.423)	(6.772)	(4.672)
Total Expenses	\$452.759	\$501.144	\$552.846	\$611.114	\$628.335	\$641.970
Net Surplus/(Deficit)	\$1,392.497	\$1,396.118	\$1,341.321	\$1,281.838	\$1,277.223	\$1,270.651

MTA BRIDGES AND TUNNELS
November Financial Plan 2017-2020
Accrual Statement of Operations by Category
(\$ in millions)

REIMBURSABLE

	2015	2016	2017			
	<u>Actual</u>	<u>November Forecast</u>	<u>Final Proposed Budget</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>
Revenue						
Vehicle Toll Revenue	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
Other Operating Revenue	0.000	0.000	0.000	0.000	0.000	0.000
Capital and Other Reimbursements	20.575	23.151	23.873	24.157	24.403	24.649
Investment Income	0.000	0.000	0.000	0.000	0.000	0.000
Total Revenue	\$20.575	\$23.151	\$23.873	\$24.157	\$24.403	\$24.649
Expenses						
<u>Labor:</u>						
Payroll	\$8.009	\$9.823	\$9.904	\$9.986	\$10.071	\$10.156
Overtime	0.827	1.558	1.587	1.616	1.646	1.670
Health and Welfare	1.655	2.427	2.587	2.764	2.835	2.910
OPEB Current Payment	0.000	0.000	0.000	0.000	0.000	0.000
Pensions	1.962	2.847	3.008	3.182	3.202	3.222
Other Fringe Benefits	0.922	1.373	1.419	1.458	1.499	1.543
Reimbursable Overhead	7.200	5.123	5.368	5.151	5.150	5.148
Total Labor Expenses	\$20.575	\$23.151	\$23.873	\$24.157	\$24.403	\$24.649
<u>Non-Labor:</u>						
Electric Power	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
Fuel	0.000	0.000	0.000	0.000	0.000	0.000
Insurance	0.000	0.000	0.000	0.000	0.000	0.000
Claims	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
Maintenance and Other Operating Contracts	0.000	0.000	0.000	0.000	0.000	0.000
Professional Service Contracts	0.000	0.000	0.000	0.000	0.000	0.000
Materials & Supplies	0.000	0.000	0.000	0.000	0.000	0.000
Other Business Expenses	0.000	0.000	0.000	0.000	0.000	0.000
Total Non-Labor Expenses	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
<u>Other Expense Adjustments:</u>						
Other	\$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
Total Expenses Before Depreciation and GASB Adjs.	\$20.575	\$23.151	\$23.873	\$24.157	\$24.403	\$24.649
Add: Depreciation	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
Add: OPEB Obligation	0.000	0.000	0.000	0.000	0.000	0.000
Add: GASB 68 Pension Adjustment	0.000	0.000	0.000	0.000	0.000	0.000
Add: Environmental Remediation	0.000	0.000	0.000	0.000	0.000	0.000
Total Expenses After Depreciation and GASB Adjs.	\$20.575	\$23.151	\$23.873	\$24.157	\$24.403	\$24.649
Less: Depreciation	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
Less: OPEB Obligation	0.000	0.000	0.000	0.000	0.000	0.000
Less: GASB 68 Pension Adjustment	0.000	0.000	0.000	0.000	0.000	0.000
Total Expenses	\$20.575	\$23.151	\$23.873	\$24.157	\$24.403	\$24.649
Net Surplus/(Deficit)	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000

MTA BRIDGES AND TUNNELS
November Financial Plan 2017-2020
Accrual Statement of Operations by Category
(\$ in millions)

NON-REIMBURSABLE / REIMBURSABLE
Page 1 of 2

	2015 <u>Actual</u>	2016 November <u>Forecast</u>	2017 Final Proposed <u>Budget</u>	2018	2019	2020
Revenue						
Vehicle Toll Revenue	\$1,808.901	\$1,869.308	\$1,866.960	\$1,865.491	\$1,878.098	\$1,885.161
Other Operating Revenue	36.172	27.527	26.220	26.220	26.220	26.220
Capital and Other Reimbursements	20.575	23.151	23.873	24.157	24.403	24.649
Investment Income	0.183	0.427	0.987	1.240	1.240	1.240
Total Revenue	\$1,865.831	\$1,920.412	\$1,918.040	\$1,917.108	\$1,929.962	\$1,937.271
Expenses						
<u>Labor:</u>						
Payroll	\$126.813	\$134.220	\$151.512	\$154.650	\$160.664	\$160.686
Overtime	22.741	27.868	28.245	28.806	29.386	29.975
Health and Welfare	26.669	27.281	33.631	34.318	35.609	36.936
OPEB Current Payment	16.799	18.153	19.424	19.871	20.745	21.679
Pensions	41.812	44.659	44.190	45.073	44.722	44.022
Other Fringe Benefits	20.840	19.054	20.355	20.748	22.710	23.503
Reimbursable Overhead	0.000	0.000	0.000	0.000	0.000	0.000
Total Labor Expenses	\$255.674	\$271.236	\$297.356	\$303.466	\$313.836	\$316.802
<u>Non-Labor:</u>						
Electric Power	\$4.991	\$4.966	\$5.971	\$6.221	\$6.488	\$6.961
Fuel	1.977	1.445	1.774	1.867	1.959	2.161
Insurance	14.798	14.855	15.617	16.323	17.081	17.886
Claims	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
Maintenance and Other Operating Contracts	129.500	151.154	177.037	227.408	231.890	239.017
Professional Service Contracts	27.936	39.450	40.885	40.914	41.410	42.513
Materials & Supplies	3.255	4.049	4.212	4.319	4.425	4.538
Other Business Expenses	35.203	37.141	33.866	34.753	35.649	36.743
Total Non-Labor Expenses	\$217.660	\$253.059	\$279.363	\$331.805	\$338.902	\$349.818
<u>Other Expense Adjustments:</u>						
Other	\$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
Total Expenses Before Depreciation and GASB Adjs.	\$473.334	\$524.295	\$576.719	\$635.271	\$652.738	\$666.620
Add: Depreciation	\$109.783	\$119.521	\$127.853	\$136.766	\$146.300	\$156.499
Add: OPEB Obligation	71.148	67.291	70.656	74.189	77.898	81.793
Add: GASB 68 Pension Adjustment	(8.691)	(10.409)	(8.740)	(8.423)	(6.772)	(4.672)
Add: Environmental Remediation	0.000	0.000	0.000	0.000	0.000	0.000
Total Expenses After Depreciation and GASB Adjs.	\$645.574	\$700.697	\$766.488	\$837.803	\$870.164	\$900.240
Less: Depreciation	\$109.783	\$119.521	\$127.853	\$136.766	\$146.300	\$156.499
Less: OPEB Obligation	71.148	67.291	70.656	74.189	77.898	81.793
Less: GASB 68 Pension Adjustment	(8.691)	(10.409)	(8.740)	(8.423)	(6.772)	(4.672)
Total Expenses	\$473.334	\$524.295	\$576.719	\$635.271	\$652.738	\$666.620
Net Surplus/(Deficit)	\$1,392.497	\$1,396.118	\$1,341.321	\$1,281.838	\$1,277.223	\$1,270.651

MTA BRIDGES AND TUNNELS
November Financial Plan 2017-2020
Accrual Statement of Operations by Category
(\$ in millions)

NON-REIMBURSABLE / REIMBURSABLE
Page 2 of 2

	2015 <u>Actual</u>	2016 November <u>Forecast</u>	2017 Final Proposed <u>Budget</u>	2018	2019	2020
Net Suplus/(Deficit)	\$1,392.497	\$1,396.118	\$1,341.321	\$1,281.838	\$1,277.223	\$1,270.651
<u>Deductions from Income:</u>						
Less: Capitalized Assets	\$7.724	\$26.345	\$18.354	\$18.722	\$20.244	\$20.688
Reserves	29.283	26.881	27.515	28.173	28.863	29.602
GASB 45 Reserves	0.000	0.000	0.000	0.089	0.264	0.451
Adjusted Net Suplus/(Deficit)	\$1,355.490	\$1,342.892	\$1,295.452	\$1,234.854	\$1,227.852	\$1,219.910
Less: Debt Service	\$604.591	\$631.143	\$670.456	\$680.901	\$711.400	\$735.779
Income Available for Distribution	\$750.899	\$711.749	\$624.996	\$553.953	\$516.452	\$484.131
<u>Distributable To:</u>						
MTA - Investment Income	\$0.183	\$0.427	\$0.987	\$1.240	\$1.240	\$1.240
MTA - Distributable Income	432.282	409.176	367.732	331.696	313.472	296.578
NYCT - Distributable Income	318.434	302.146	256.277	221.017	201.741	186.314
Total Distributable Income:	\$750.899	\$711.749	\$624.996	\$553.953	\$516.452	\$484.131
<u>Actual Cash Transfers:</u>						
MTA - Investment Income	\$0.137	\$0.183	\$0.427	\$0.987	\$1.240	\$1.240
MTA - Transfers	426.246	424.571	371.876	335.299	315.294	298.267
NYCT - Transfers	313.857	308.952	260.864	224.543	203.668	187.856
Total Cash Transfers:	\$740.239	\$733.706	\$633.167	\$560.829	\$520.203	\$487.364
<u>SUPPORT TO MASS TRANSIT:</u>						
Total Revenues	\$1,865.831	\$1,920.412	\$1,918.040	\$1,917.108	\$1,929.962	\$1,937.271
Less: Net Operating Expenses	473.334	524.295	576.719	635.271	652.738	666.620
Net Operating Income:	\$1,392.497	\$1,396.118	\$1,341.321	\$1,281.838	\$1,277.223	\$1,270.651
<u>Deductions from Operating Income:</u>						
B&T Debt Service	\$230.545	\$275.865	\$303.353	\$315.889	\$343.454	\$371.872
Capitalized Assets	7.724	26.345	18.354	18.722	20.244	20.688
Reserves	29.283	26.881	27.515	28.173	28.863	29.602
GASB Reserves	0.000	0.000	0.000	0.089	0.264	0.451
Total Deductions from Operating Income:	\$267.552	\$329.091	\$349.222	\$362.873	\$392.825	\$422.613
Total Support to Mass Transit:	\$1,124.945	\$1,067.027	\$992.099	\$918.965	\$884.398	\$848.038

Note: Projected toll revenue increases in 2017 and 2019 are not captured in the sections above, they are captured in volume 1 of this Plan. The inclusion of this revenue will increase the level of support to mass transit.

MTA BRIDGES & TUNNELS
November Financial Plan 2017-2020
2016 Budget Reduction Plan Summary
(\$ in millions)

	Favorable/(Unfavorable)									
	<u>Pos.</u>	<u>2016</u>	<u>Pos.</u>	<u>2017</u>	<u>Pos.</u>	<u>2018</u>	<u>Pos.</u>	<u>2019</u>	<u>Pos.</u>	<u>2020</u>
<u>Administration</u>										
Delay of Non-Represented Wage Increase	-	0.438	-	0.448	-	0.456	-	0.465	-	0.475
Subtotal Administration	-	0.438	-	0.448	-	0.456	-	0.465	-	0.475
<u>Customer Convenience/Amenities</u>										
None	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000
Subtotal Customer Convenience/Amenities	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000
<u>Maintenance</u>										
None	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000
Subtotal Maintenance	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000
<u>Revenue Enhancement</u>										
None	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000
Subtotal Revenue Enhancement	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000
<u>Safety/Security</u>										
None	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000
Subtotal Safety	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000
<u>Service</u>										
None	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000
Subtotal Service	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000
<u>Service Support</u>										
None	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000
Subtotal Service Support	-	0.000	-	0.000	-	0.000	-	0.000	-	0.000
<u>Other</u>										
Vacancies - Toll Collection and Management (July Plan)	-	9.780	-	0.000	-	0.000	-	0.000	-	0.000
Subtotal Other	-	9.780	-	0.000	-	0.000	-	0.000	-	0.000
Agency Submission	-	\$10.218	-	\$0.448	-	\$0.456	-	\$0.465	-	\$0.475

MTA BRIDGES AND TUNNELS
November Financial Plan 2017-2020
Traffic Volume (Utilization)

	2015	2016	2017			
	Actual	November Forecast	Final Proposed Budget	2018	2019	2020
<u>Traffic Volume</u>	297.980	307.099	307.144	307.393	309.894	311.653
<u>Toll Revenue</u>	\$ 1,808.901	\$ 1,869.308	\$ 1,866.960	\$ 1,865.491	\$ 1,878.098	\$ 1,885.161

MTA BRIDGES AND TUNNELS
November Financial Plan 2017-2020
Total Positions by Function and Department
Non-Reimbursable/Reimbursable and Full-time/Full-time Equivalents

FUNCTION/DEPARTMENT	2015 Actual	2016 November Forecast	2017 Final Proposed Budget	2018	2019	2020
Administration						
Executive	7	8	8	8	8	8
Law ⁽¹⁾	14	13	16	16	16	16
CFO ⁽²⁾	17	25	25	25	25	26
Administration ⁽³⁾	37	37	38	38	38	38
EEO	1	2	2	2	2	2
Total Administration	76	85	89	89	89	90
Operations						
Revenue Management	39	43	43	43	43	43
Operations (Non-Security)	510	544	544	544	544	544
Total Operations	549	587	587	587	587	587
Maintenance						
Maintenance	190	197	198	198	198	198
Operations - Maintainers	160	181	183	183	183	183
Total Maintenance	350	378	381	381	381	381
Engineering/Capital						
Engineering & Construction	148	190	192	192	192	192
Health & Safety	9	10	10	10	10	10
Law ⁽¹⁾	20	24	24	24	24	24
Planning & Budget Capital	15	29	29	29	30	35
Total Engineering/Capital	192	253	255	255	256	261
Public Safety						
Operations (Security)	232	232	232	232	232	232
Internal Security - Operations	35	43	47	47	48	48
Total Public Safety	267	275	279	279	280	280
Total Positions	1,434	1,578	1,591	1,591	1,593	1,599
<i>Non-Reimbursable</i>	1,358	1,491	1,504	1,504	1,506	1,512
<i>Reimbursable</i>	76	87	87	87	87	87
<i>Total Full-Time</i>	1,434	1,578	1,591	1,591	1,593	1,599
<i>Total Full-Time Equivalents</i>	0	0	0	0	0	0

(1) Includes Legal and Procurement staff.

(2) Includes Accounts Payable, Accounting, Payroll and Operating Budget staff.

(3) Includes Human Resources and Administration staff.

MTA BRIDGES AND TUNNELS
November Financial Plan 2017-2020
Total Positions by Function and Occupation

FUNCTION/OCCUPATIONAL GROUP	2015 Actual	2016 November Forecast	2017 Final Proposed Budget	2018	2019	2020
Administration						
Managers/Supervisors	28	31	35	35	35	36
Professional, Technical, Clerical	48	54	54	54	54	54
Operational Hourlies	-	-	-	-	-	-
Total Administration	76	85	89	89	89	90
Operations						
Managers/Supervisors	157	215	215	215	215	215
Professional, Technical, Clerical	33	35	35	35	35	35
Operational Hourlies ⁽¹⁾	359	337	337	337	337	337
Total Operations	549	587	587	587	587	587
Maintenance						
Managers/Supervisors	17	18	18	18	18	18
Professional, Technical, Clerical	15	19	22	22	22	22
Operational Hourlies ⁽²⁾	318	341	341	341	341	341
Total Maintenance	350	378	381	381	381	381
Engineering/Capital						
Managers/Supervisors	42	60	62	62	62	62
Professional, Technical, Clerical	150	193	193	193	194	199
Operational Hourlies	-	-	-	-	-	-
Total Engineering/Capital	192	253	255	255	256	261
Public Safety						
Managers/Supervisors	45	46	46	46	46	46
Professional, Technical, Clerical	26	33	37	37	38	38
Operational Hourlies ⁽³⁾	196	196	196	196	196	196
Total Public Safety	267	275	279	279	280	280
Total Positions						
Managers/Supervisors	289	370	376	376	376	377
Professional, Technical, Clerical	272	334	341	341	343	348
Operational Hourlies	873	874	874	874	874	874
Total Positions	1,434	1,578	1,591	1,591	1,593	1,599

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

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

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



Bridges and Tunnels

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Capital Program Project Status Report November 2016

MTA BRIDGES & TUNNELS
CAPITAL PROGRAM
STATUS REPORT
NOVEMBER 30, 2016

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 November, seventeen commitments with a total value of \$150.7 million were awarded from the 2016 plan (See *Attachment 1, 2016 Commitment Chart; Attachment 7 – 2016 Commitment Plan*).

Year to date, 75 commitments have been made with a total value of \$210.8 million compared to the plan calling for 67 commitments with a total value of \$79.6 million from the 2016 plan. All ten commitments totaling \$43.0 million have been made from the 2015 plan as previously reported.

The most notable commitments made in November are as follows:

- | | |
|---|---------|
| • AW63 - New Tolling Initiatives, ORT Integration | \$64.7M |
| • AW65 - ORT Program Support | \$6.4M |
| • QM63 - Open Road Tolling Initiative at Queens Midtown Tunnel-Civil Construction | \$9.9M |
| • HC63 - Open Road Tolling Initiative at Hugh L. Carey Tunnel-Civil Construction | \$4.6M |

Completions

There were no project completions in November. (See *Attachment 3 - 2016 Completion Chart; Attachment 4 – 2016 Major Project Completions; Attachment 5 - 2016 Project Completion Plan; Attachment 10 – 2015 Completion Plan*).

Year to date, eight completions have been made with a total value of \$90.5 million against a plan for nine completions with a total value of \$94.0 million. One completion totaling \$3.3 million was made from the 2015 plan as previously reported.

Closeouts

There were 11 task level closeouts in November for \$17.1 million. (See *Attachment 6 – 2016 Task Level Closeouts*). Year to date there are 102 task level closeouts totaling \$197.0 million.

Award Date Changes for Remaining Commitments

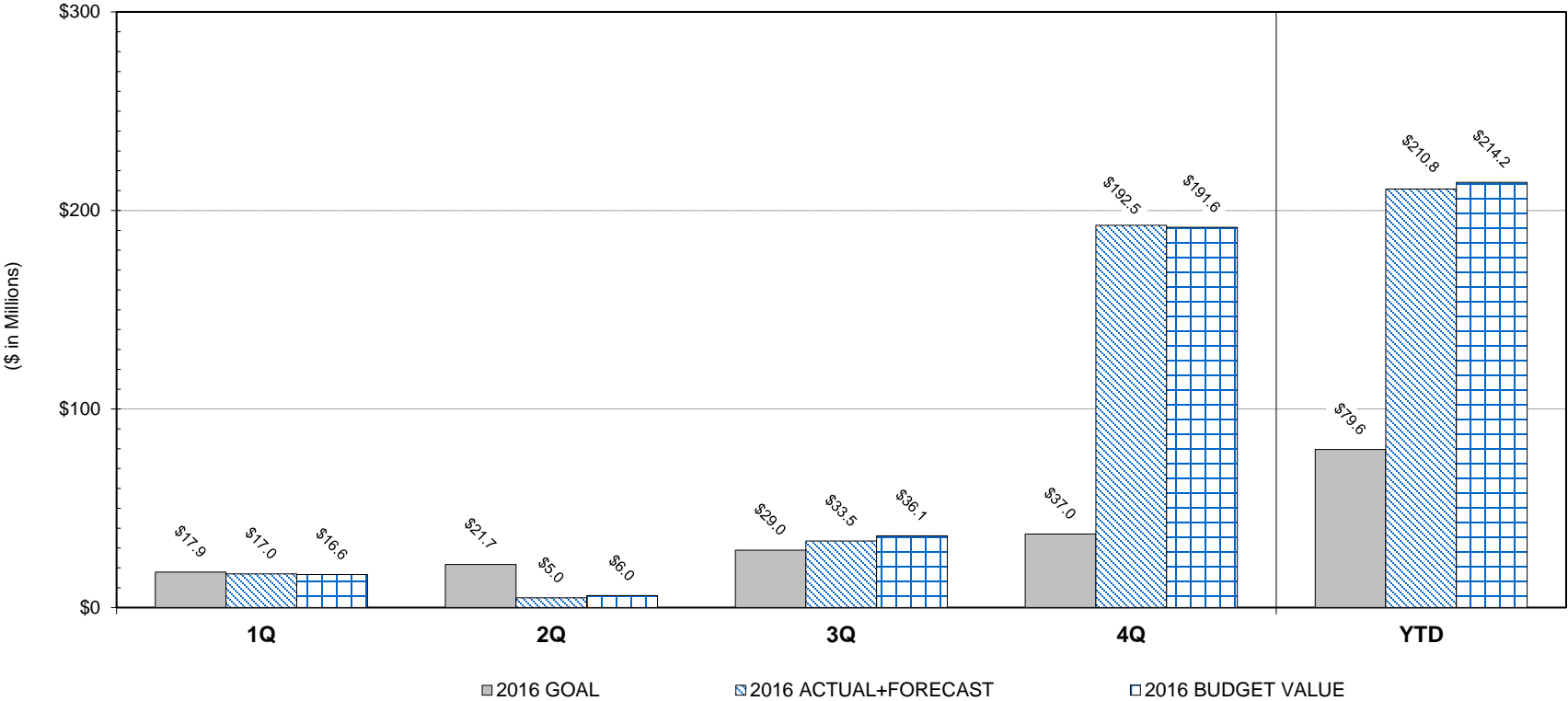
There are no significant date changes this month.

Completion Date Changes for Remaining Projects

There were no completion date changes this month.

MTA Bridges and Tunnels
Commitments as of November 30, 2016

2016 Budget Goal:	\$105.5	
2016 Annual Forecast	\$247.9	
YTD Goal:	\$79.6	
YTD Actual:	\$210.8	(264.9% of YTD Goal)
YTD Budgeted Value:	\$214.2	(269.2% of YTD Goal)
Left to Commit:	\$37.1	

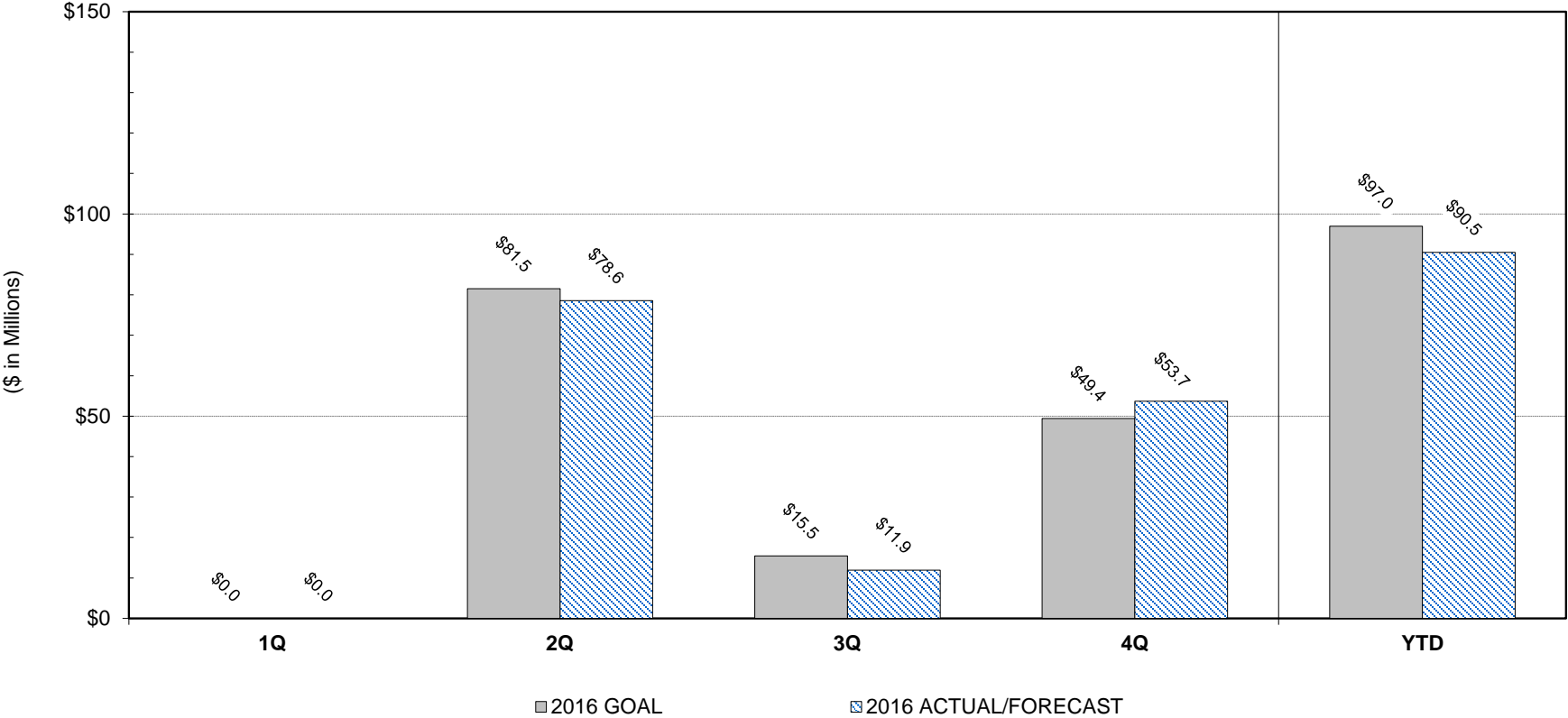


MTA Bridges and Tunnels: Status of Major Commitments as of November 30, 2016

Project		Budget (\$ in Millions)			Award Date			Notes
		2016 Goal	Actual / Forecast*	Budgeted Value	2016 Goal	Advertisement Date	Actual / Forecast	
D702VN84	Reconstruction of VN Approach Ramps - Ph1	\$12.5	\$12.3	\$12.5	Sep-16	Jan-16	Aug-16	A
D704RK21	Installation of Fire Standpipe & Upgrade of Fire Protection System	\$17.0	\$17.0	\$17.0	Dec-16	Mar-16	Dec-16	F

MTA Bridges and Tunnels
Completions as of November 30, 2016

2016 Budget Goal:	\$146.4
2016 Annual Forecast:	\$144.2
YTD Goal:	\$97.0
YTD Actual:	\$90.5 (93.3% of YTD Goal)
Left to Complete:	\$53.7



MTA Bridges and Tunnels: Status of Major Completions as of November 30, 2016

Project		Budget (\$ in Millions)		Completions Status		Completion Date			Notes
		2016 Goal	Actual / Forecast*	Physical % Complete	% Contingency Spent	2016 Goal	Actual / Forecast		
D602MP21	Rehabilitate Rockaway Point Blvd Overpass	\$11.1	\$11.1	97%	8%	May-16	Jun-16	A	1
G5140108	ThrogsNeck Integrated Electronic Security	\$20.4	\$20.4	97%	75%	May-16	May-16	A	
D601TN52	Miscellaneous Structural Rehabilitation	\$22.0	\$19.1	100%	87%	May-16	May-16	A	2
D604VN87	Substation #1 Rehabilitation	\$16.6	\$16.6	99%	0%	Jun-16	Jun-16	A	
D601RK76	Miscellaneous Structural Repair	\$11.2	\$11.2	99%	51%	Sep-16	Aug-16	A	
D602HH88	HH88A: Replace Upper & Lower Level Plza & Southbnd. Appr.	\$49.4	\$50.2	92%	44%	Dec-16	Dec-16	F	3

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

Note 1: May 2016 was a preliminary date. The official contracted completion date is June 2016

Note 2: Phase TN52 and TN52A are complete

Note 3 :Added funds for unforeseen work

**MTA BRIDGES & TUNNELS
CAPITAL PROGRAM
2016 TASK LEVEL CLOSEOUTS**

PROJECT	PROJECT DESCRIPTION	TASK	TASK DESCRIPTION	CLOSEOUT WAR	CERTIFICATE	
					DATE	CERTIFICATE AMOUNT
D602RK73	Deck Replacement- RFK MQ Ramp	D02973	PM Dsgn/Buld F/A(MQ RampTBTA-D1483)	D00001483C	Jan-16	\$815,871.91
D405BB43	Rehab Battery Parking Garage	D01493	BB43 II-Const.(BPG-01)	D00000723B	Jan-16	\$30,564,268.91
D405BB43	Rehab Battery Parking Garage	D02952	BB43 IVA -Elevator Const.Adm.	D00001502A	Jan-16	\$260,667.86
ED010240	Restore Queens Midtown Tunnel - Structural	E02990	SBMP-QM40X2-Remove Ceiling Tiles	E00002061A	Jan-16	\$1,741,997.40
ED050203	Queens Midtown Tunnel Environmental Cleanup	E02666	CM PrototypePhl(PSC-08-2849B),WO#27	E00001483A	Feb-16	\$42,332.98
ED040207	Replace MPB Electrical Equipmt at North Abutment	E02155	PM Design/Build RFP F/A(TBTA-E1514)	E00001514B	Feb-16	\$165,393.00
ED010209	Restore VNB TwrBase Elect/Lightg Sys+Ped Access Br	E02035	PM Construction F/A (TBTA-E1751)	E00001751A	Feb-16	\$87,093.40
D706AW21	Program Administration	D03400	2015 Program Adm F/A(TBTA-D1768)	D00001768A	Feb-16	\$356,088.58
D706AW21	Program Administration	D03401	2015 Indirect Program Adm F/A(TBTA-D1769)	D00001769A	Feb-16	\$1,838,493.85
D604BB45	Replace Electrical Switchgear 7 Equipment	D02568	Operations F/A Maintenance (TBTA-D1360)	D00001360A	Mar-16	\$97,237.21
D602BW89	Deck Replacement-Elevated and On Grade Approach	D02602	Operations F/A (TBTA-D1546)	D00001546A	Mar-16	\$168,835.82
ED010240	Restore Queens Midtown Tunnel - Structural	E02990	SBMP-QM40X2-Remove Ceiling Tiles (See Jan.- Funding)	E00002061B	Mar-16	\$0.00
D505QM01	Service & FE Building Rehab	D03189	SBMP-C-Post Garage & Workshop Rehab	D00001614B	Mar-16	\$1,079,122.13
D607HH10	Paint -Curb Stringers	D02622	Paint Construction Admin.(PSC-10-2864)	D00001321A	Apr-16	\$43,780.34
D602HH10	Upper Level Sidewalk/Curb Stringers	D02617	Construction Admin. (PSC-10-2864)	D00001319A	Apr-16	\$2,875,977.72
D602RK73	Deck Replacement-RFK MQ Ramp	D02974	Construction Admin. MQ Ramp (PSC-11-2894)	D00001486A	Apr-16	\$3,613,729.65
D502TN82	Rehabilitation of Orthotropic Deck	D02417	Prototype Subfloorbeam Repair (TN50)	D00001238B	Apr-16	\$138,020.00
G5140104	B&T Triborough Hardening	G01818	B&T Force Account Support	G00001453A	May-16	\$899,503.44
D601TN60	Anchorage Dehumidification	D02739	PM Design F/A(TBTA-D1539)	D00001539A	May-16	\$686,891.06
D601MP16	Miscellaneous Steel Repairs DES	D02650	PM Design F/A(TBTA-D1510)	D00001510B	May-16	\$781,284.26
D601BW97	Concrete Anchorage Repairs	D02605	Construction (Bronx Anchorage)	D00001513B	May-16	\$5,040,681.74
D601BW14	Miscellaneous Structural Rehabilitation DES	D02579	PM Design F/A(TBTA-D1573)	D00001573A	May-16	\$659,783.71
D601HH07	Structural Rehabilitation - Phase I	D02901	Design during cns(CSS) PSC-06-2807A	D00001430A	May-16	\$264,740.31
D601VN35	Steel Repair & Concrete Rehab. & Drainage Systems	D02771	Design(PSC-06-2807A #40)	D00001468A	May-16	\$436,944.33
D506AW28	Scope Development	D02360	ScopeDev-MP21(PSC-06-2807B #9)	D00001191B	May-16	\$304,926.99
D606AW22	Miscellaneous	D03243	VE/CR/RA-QM40/S-VE/RA-QM18-2891E 10	D00001657A	May-16	\$564,992.60
D606AW22	Miscellaneous	D03251	Risk Assess, Est.RK23A-PSC-12-2891E	D00001649A	May-16	\$249,260.82
D606AW28	Scope Development	D02956	ScopeDev-HH07Phll-Skewback	D00001403C	May-16	\$746,804.74
D606AW28	Scope Development	D02995	Inv./ScopeDev-TN Dehum(PSC-06-2807A	D00001425A	May-16	\$136,033.79
D606AW28	Scope Development	D03089	Scope Dev-Staff St.Brdg(PSC06-2807A	D00001473A	May-16	\$157,499.84
D606AW28	Scope Development	D03231	Scope Dev-HH13(PSC-12-2891A,wo14)	D00001662A	May-16	\$297,714.07
D604VN87	Substation #1 Rehabilitation	D02802	PM Dsgn/Bld RFP F/A(TBTA-D1479)	D00001479A	May-16	\$794,702.88
D602RK65	Deck Replacement - Bronx/Manhattan Ramps/TollPlaza	D02694	RK65D-PM Const F/A-Util Reloc&Upgra(TBTA-D1276)	D00001276B	May-16	\$1,478,280.45
D601TN52	Miscellaneous Structural Rehabilitation	D03021	PM Const F/A (TN-52A-TBTA-D1563)	D00001563A	May-16	\$299,430.76
D702VN84	Reconstruction of VN Approach Ramps - Phase1	D03402	BC Development F/A(TBTA-D1782)	D00001782A	May-16	\$0.00
D702VN11	Brooklyn Approach Reconstruction	D03427	BC Development F/A(TBTA-D1781)	D00001781A	May-16	\$0.00
D703AW65	Toll Collection System Rehabilitation/Upgrades	D03350	BC Development F/A(TBTA-D1770)	D00001770A	May-16	\$2,905.52
D602RK65	Deck Replacement - Bronx/Manhattan Ramps/TollPlaza	D02693	RK65D-CM-Util Reloc&Upg-PSC-10-2858	D00001292B	May-16	\$2,732,153.65
ED050201	Restore CBB Service Bldg	E03174	SBMP Cns-Demo of femaleBTO trailer	E00001974A	May-16	\$131,327.04
ED040208	Replace MPB Navigation & Security Lighting Systems	E02165	Const. Admin. PSC-08-2849A Task #35	E00001615A	May-16	\$94,962.54

**MTA BRIDGES & TUNNELS
CAPITAL PROGRAM
2016 TASK LEVEL CLOSEOUTS**

PROJECT	PROJECT DESCRIPTION	TASK	TASK DESCRIPTION	CLOSEOUT WAR	CERTIFICATE	
					DATE	CERTIFICATE AMOUNT
ED010209	Restore VNB TwrBase Elect/Lightg Sys+Ped Access Br	E02036	Constr.Adm. PSC-08-2849A, Task#34	E00001523C	May-16	\$170,016.17
ED050202	Hugh L. Carey Tunnel Environmental Cleanup	E02198	ConstrPrototypePhl(GFM-495F,WO#63)	E00001452A	May-16	\$844,604.80
ED050203	Queens Midtown Tunnel Environmental Cleanup	E02206	Constr PrototypePhl GFM-495F, WO#72	E00001470A	May-16	\$1,302,000.00
ED060201	Sandy Program Administration	E03218	Grants Management (TBTA-E1993)	E00001993A	May-16	\$1,052,703.01
ED060201	Sandy Program Administration	E03219	E & C Support (TBTA_E1994)	E00001994A	May-16	\$1,256,884.45
D605AW12	Hazardous Materials Abatement	D02437	PM Construction F/A (TBTA-D1267)	D00001267E	May-16	\$1,584,512.82
D606AW22	Miscellaneous	D02465	Project management F/A (TBTA-D1336)	D00001336B	May-16	\$510,393.89
D503AW37	Operation Centers TS Systems	D02387	Capital Material Purchase -Video Wall (TBTA-D1241)	D00001241A	May-16	\$207,249.14
D603AW48	2nd Generation E-Zpass In- Lane	D02839	AET-Phase 1 Capital Material Purchases (TBTA-1287)	D00001287A	May-16	\$85,105.05
D503AW52	Advance Automated Traffic Detection	D02305	Capital Material Purchase(CMP-AW52A-TBTA-D1125)	D00001125A	May-16	\$32,179.60
D403AW80	VMS & Gantry Installation	D02161	Capital Material Purchase VMS Installation (TBTA-D1047)	D00001047B	May-16	\$111,044.59
ED05BB28	BBT Vent Building Abatement	E00315	Design & Test -Cleanup (PSC00-2570)(TBTA-E97(E00000097A	May-16	\$103,284.51
D601BB28	Rehab. Walls, Roadway, Firelines, Ceiling Repair	D02563	Operations -F/A (Maintenance Crews TBTA-D1725)	D00001725A	May-16	\$142,936.50
D502BW89	Elevated & On Grade (Bronx) Approach	D01992	PM Construction F/A (TBTA-D1115)	D00001115A	May-16	\$2,441,510.38
D704RK21	Install Fire Standpipe/ Upgrade Protection System	D03393	BC Development F/A (TBTA-D1784)	D00001784A	May-16	\$26,938.41
D602RK75	Interim Repairs- Toll Plaza Deck	D03185	Construction Phase 1 (GFM-495 WO #35)	D00001596C	May-16	\$6,112,573.35
D602VN03	Toll Plaza- East & West Bound Ramps Improvements	D02962	Utility/ Conduit Installation GFM-495F	D00001412B	May-16	\$171,980.00
D701VN10	Anchorage & Piers Rehabilitation and Sealing	D03389	BC Development F/A (TBTA-D1780)	D00001780A	May-16	\$0.00
D701VN89	Tower Pier Rehab/Construct Mooring Platform	D03386	BC Development F/A(TBTA-D1785)	D00001785A	May-16	\$1,594.96
D604MP03	Programmable Logic Controller & Mechanical Rehabilitation	D02638	PM Design F/A (TBTA-1428)	D00001428A	Jun-16	\$1,166,320.16
D701TN53	Approach Viaduct Seismic Retrofit/Structural Rehabilitation	D03376	BC Development F/A (TBTA-D1779)	D00001779A	Jun-16	\$41,299.12
D602RK75	Interim Repairs-Toll Plaza Deck	D03130	Construction Phase I (GFM-508 WO#1)	D00001559B	Jun-16	\$1,707,097.75
D602TN49	Suspended Span Replacement- Phase A	D03098	Construction-Overlay Installation-Southbound	D00001538A	Jun-16	\$1,958,646.40
D601QM18	Entrance and Exit Plaza Structural Rehabilitation	D03172	Prototype Construction-Manhattan Exit	D00001592A	Jun-16	\$665,415.09
D505QM01	Service & FE Building Rehabilitation	D02922	Borden Avenue Remediation GFM-495 WO#25	D00001477C	Jun-16	\$1,167,472.00
D501TB23	Harlem River Drive Ramp	D03043	Construction-Traffic Signals 127th Street and 2nd Avenue	D00001472B	Jun-16	\$265,239.26
G5140105	B&T BBT Emergency Generator	G01356	Emergency Generators(TBTA-G902)	G00000902A	Jun-16	\$953,510.90
D402TB65	Deck Replacement Manahattan Plaza & Ramps	D01697	Appraisal Services Building 104 (PO5-01-981660	D00000891A	Jul-16	\$8,000.00
G5140104	B&T Triborough Hardening	G01819	I/H Constr Admin (MTACC)	G00001447B	Jul-16	\$237,434.77
D502TB64	Replace Deck-RI Viaduct	D02409	TB64C CM Srvices (PSC-05-2749B)	D00001218D	Jul-16	\$292,869.87
D606AW22	Miscellaneous	D03237	VE-BCOR-BB28/BB54 (PSC-12-2891E WO#5)	D00001629B	Aug-16	\$418,623.14
D601RK23	Miscellaneous Rehabilitation-Manhattan Approach Ramps	D03274	MOU-Tree Mitigation (MOU14-67)	D00001701A	Aug-16	\$320,000.00
D601RK23	Miscellaneous Rehabilitation-Manhattan Approach Ramps	D03269	MOU-DPR Relocation (MOU14-66)	D00001700A	Aug-16	\$454,000.00
D607TN85	Steel Repairs-Suspended Span	D02754	Painting-Construction	D00001389B	Aug-16	\$5,046,904.50
D501TN85	Suspended Span Cable Rewrap	D02830	TN85C-Construction	D00001390E	Aug-16	\$18,353,370.70
D601TN52	Miscellaneous Structural Rehabilitation	D02729	Construction (TN85C)	D00001388B	Aug-16	\$4,140,000.00
D601MP06	Substructure and Underwater Scour Protection	D02647	Construction	D00001593B	Aug-16	\$14,019,471.34
D603AW36	Installation of CCTV /Fiber Optic Cable	D03140	Construction-Fiber Installation TN-TN85C	D00001545A	Aug-16	\$952,000.00
D704HH13	Replacement of Facility Lighting Systems	D03360	BC Development F/A (TBTA-D1775)	D00001775A	Aug-16	\$2,450.72

**MTA BRIDGES & TUNNELS
CAPITAL PROGRAM
2016 TASK LEVEL CLOSEOUTS**

PROJECT	PROJECT DESCRIPTION	TASK	TASK DESCRIPTION	CLOSEOUT WAR	CERTIFICATE	
					DATE	CERTIFICATE AMOUNT
D701HH07	Structural Rehabilitation	D03421	BC Development F/A (TBTA-D1774)	D00001774A	Aug-16	\$55,558.79
D505QM01	Service and FE Building Rehabilitation	D03191	SBMP-Site & Miscellaneous Building Improvements QM01 Ph4	D00001613C	Aug-16	\$1,308,139.44
D601HH89	Skewbacks Retrofit	D03072	PM Design F/A (TBTA-D1579)	D00001579A	Aug-16	\$559,242.71
D506AW28	Scope Development	D02421	Scope Development RK23 PSC-06-2807E#5	D00001240A	Sep-16	\$132,666.38
D606AW22	Miscellaneous	D03235	VE-BCOR-RK23A(PSC-06-2807D WO#23A)	D00001627C	Sep-16	\$119,063.57
D606AW22	Miscellaneous	D03236	Const Rev-QM18 PSC-06-2807D WO#25	D00001632A	Sep-16	\$23,781.79
D606AW22	Miscellaneous	D03143	VE-RK65A-Bx Plz Rehab (PSC-06-2807D)	D00001549C	Sep-16	\$146,930.17
D704RK07	Electrical/Mechanical Rehab of Harlem River Lift Span	D03423	BC Development F/A (TBTA-D1776)	D00001776A	Sep-16	\$18,827.30
D704RK21	Install Fire Standpipe/ Upgrade Protection System	D03394	PM Design F/A & Design/Build Development (TBTA-D1796)	D00001796A	Sep-16	\$190,267.00
D603AW36	Installation of CCTV/Fiber Optic Cable	D03141	Construction Fiber Installation TN- TN82B	D00001544B	Sep-16	\$1,398,439.47
D607TN82	Paint-Bronx and Queens Approach Spans	D02750	Painting-Construction	D00001395A	Sep-16	\$33,593,200.50
D602TN82	Rehabilitate Orthotropic Deck-Phase B	D02744	TN82B-Construction	D00001366B	Sep-16	\$13,417,024.80
D602RK65	Deck Replacement-Bronx/ Manhattan Ramps/ Toll Plaza	D03192	RK65R2-Construction Electrical Service (AW36)	D00001603A	Nov-16	\$801,822.27
D603AW36	Installation of CCTV/ Fiber Optic Cable	D02487	Construction (RFK)	D00001553A	Nov-16	\$4,688,884.40
D601RK19	Seismic and Wind Study	D03076	Scoping Study/Design Brief (PSC12-2910)	D00001523B	Nov-16	\$4,879,589.87
D602RK65	Deck Replacement-Bronx/ Manhattan Ramps/ Toll Plaza	D03002	RK65R-Maintenance Facility CM	D00001507B	Nov-16	\$2,165,053.19
D606AW28	Scope Development	D03208	Scoping Services HH07A(PSC-12-2916D)	D00001620B	Nov-16	\$298,658.56
D601MP06	Substructure and Underwater Scour Protection	D03167	SBMP-MP06B-Construction South Abutment	D00001622C	Nov-16	\$851,416.08
D601TN52	Miscellaneous Structural Rehabilitation	D02964	Construction-Safety Flag Repairs (GFM495 WO#1)	D00001411B	Nov-16	\$356,913.56
D601TN52	Miscellaneous Structural Rehabilitation	D03022	Construction- (GFM495 WO#59)	D00001589B	Nov-16	\$2,890,908.59
D606AW22	Miscellaneous	D03260	Value Engineering/BCOR-TN60 (PSC-12-2891 Task #18)	D00001677A	Nov-16	\$90,761.71
D606AW22	Miscellaneous	D03265	CR/OS-MP16/MP)3 Phase 2 (PSC-12-2891 WO#21)	D00001689A	Nov-16	\$37,496.91
D603AW48	2nd Generation E-Zpass In-Lane	D03000	AET- Phase II- InstallCanopy Ladder- HHB	D00001438A	Nov-16	\$19,795.00
Total					102	\$197,021,814.71

MTA BRIDGES & TUNNELS
CAPITAL PROGRAM
2016 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
D703AW32	Installation of Rotating Prism Signs	D03412	RPS-PM Constr. F/A	Jan-16	\$350,000	\$350,000	Jan-16	\$350,000		
D704AWX3	Bridge Structural Health Monitoring Initiatives	D03526	BC Development F/A	Jan-16	\$28,122	\$28,122	Jan-16	\$28,122		
D706AW21	Program Administration	D03443	2016 Indirect Program Adm.	Jan-16	\$3,600,000	\$3,600,000	Feb-16	\$3,600,000		
D706AW21	Program Administration	D03444	2016 Program Adm.	Jan-16	\$1,100,000	\$1,100,000	Feb-16	\$1,100,000		
D701BW07	Fender Protection around Tower Piers (Const)	D03806	BC Development F/A	Jan-16	\$20,000	\$20,000	Jan-16	\$20,000		
D704HC30	Install Smoke Detection/Alarm Systems-HCT Vent & Svc. Bldgs.	D03624	BC Development F/A	Jan-16	\$56,243	\$56,243	Jan-16	\$56,243		
D704HC64	Brooklyn Service Building Electrical Rehab.	D03734	BC Development F/A	Jan-16	\$61,868	\$61,868	Jan-16	\$61,868		
D704QM91	Install Smoke Detection/Alarm Systems-QMT Vent & Svc. Bldgs.	D03570	BC Development F/A	Jan-16	\$56,243	\$56,243	Jan-16	\$56,243		
D701TN53	Approach Viaducts Seismic Retrofit & Structural Rehab	D03377	PM Design F/A(TBTA-D1831)	Jan-16	\$2,263,564	\$2,263,564	Jan-16	\$2,263,564		
D701TN87	Anchorage & Tower Protection	D03701	BC Development F/A	Jan-16	\$58,493	\$58,493	Jan-16	\$58,493		
D707VN49	Painting of Suspended Span Upper & Lower Level Steel & Truss	D03826	BC Development F/A	Jan-16	\$56,243	\$56,243	Jan-16	\$56,243		
				Jan-16 Total	\$7,650,776	\$7,650,776				
D706AW22	Miscellaneous	D03451	2015-2019 PM Design F/A	Feb-16	\$100,000	\$100,000	Feb-16	\$100,000		
ED040303	Flood Mitigation-Generator at GIVB	E03721	Const. Adm.	Feb-16	\$221,000	\$221,000	Feb-16	\$233,046		
D701RK04	Queens Anchorage Rehabilitation	D03373	PM Design Study F/A(TBTA-D1832)	Feb-16	\$300,574	\$300,574	Mar-16	\$300,574		
D701RK04	Queens Anchorage Rehabilitation	D03374	Study (PSC-12-2891 WO #59)	Feb-16	\$2,054,626	\$2,054,626	Mar-16	\$2,000,167		
				Feb-16 Total	\$2,676,200	\$2,676,200				
D703AW32	Installation of Rotating Prism Signs	D03413	RPS-Constr. Adm.(PSC-13-2923 wo26)	Mar-16	\$1,044,750	\$1,044,750	Feb-16	\$1,358,422		
D705HC80	Rehabilitation of Ventilation Buildings	D03753	BC Development F/A	Mar-16	\$60,833	\$60,833	Mar-16	\$60,833		
D701HH07	Structural Rehabilitation	D03762	PM Design F/A	Mar-16	\$501,352	\$501,352	Jul-16	\$378,865		
D707HH30	Replacement of HHB Overcoat System	D03785	PM Design F/A	Mar-16	\$158,165	\$158,165	Jul-16	\$178,534		
D604MPXA	Mechanical Systems Rehab	D03332	Ph2 - Operations F/A	Mar-16	\$29,000	\$29,000	Mar-16	\$126,550		
D701QM18	Manhattan/Queens Plaza Structural Rehab	D03533	PM Design F/A Ph. 2	Mar-16	\$1,112,653	\$1,112,653				
D705QM36	Rehabilitation of Ventilation Building	D03543	BC Development F/A	Mar-16	\$58,493	\$58,493	Mar-16	\$58,493		
D701RK20	Main Bridge Cable Inspection and Rehabilitation	D03606	BC Development F/A	Mar-16	\$58,493	\$58,493	Mar-16	\$58,493		
D702VN11	Brooklyn Approach Reconstruction	D03715	PM Design F/A	Mar-16	\$500,000	\$500,000	Aug-16	\$506,579		
D702VN84	Reconstruction of VN Approach Ramps - Ph1	D03403	PM Design F/A	Mar-16	\$4,000,000	\$4,000,000	Mar-16	\$4,000,000		
				Mar-16 Total	\$7,523,739	\$7,523,739				
D705AW66	Operations Command Center Rehab/Replacement	D03488	BC Development F/A (TBTA-D1860)	May-16	\$56,243	\$56,243	May-16	\$56,243		
D701TN53	Approach Viaducts Seismic Retrofit & Structural Rehab	D03378	Design and EIS (PSC-15-2977)	May-16	\$8,000,000	\$8,000,000	Jul-16	\$5,655,456		
D702TN55	Replacement of Bronx and Queens Approach Viaducts (Study)	D03693	BC Development F/A(TBTA-D1861)	May-16	\$28,122	\$28,122	May-16	\$28,122		
				May-16 Total	\$8,084,365	\$8,084,365				

MTA BRIDGES & TUNNELS
CAPITAL PROGRAM
2016 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
D701BW07	Fender Protection around Tower Piers (Const)	D03808	10% Design & D/B RFP Development	Jun-16	\$1,500,000	\$1,500,000			Dec-16	\$400,000
D701BW07	Fender Protection around Tower Piers (Const)	D03807	PM Design F/A	Jun-16	\$100,000	\$100,000	Nov-16	\$100,000		
D704BW32	Installation of Fire Standpipe Connections	D03545	10% Design & RFP Dev.	Jun-16	\$200,000	\$200,000			Dec-16	\$200,000
D704BW32	Installation of Fire Standpipe Connections	D03544	PM Design F/A	Jun-16	\$100,000	\$100,000	Nov-16	\$100,000		
D704HC07	Rehabilitation of HCT Ventilation Systems	D03598	BC Development F/A	Jun-16	\$58,493	\$58,493	Jun-16	\$58,493		
D701HH89	Skewback Retrofit	D03521	PM Construction F/A	Jun-16	\$2,105,745	\$2,105,745	Jul-16	\$2,105,745		
D703HH88	Reconstruction of Toll Plazas and Southbound Approach	D03792	PM Const. F/A	Jun-16	\$2,313,395	\$2,313,395	Oct-16	\$2,313,395		
D704HH13	Replacement of Facility Lighting System	D03779	PM Const. F/A	Jun-16	\$254,000	\$254,000	Nov-16	\$273,311		
D701RK19	Seismic/Wind Retrofit & Structural Rehab Ph1	D03591	PM Design F/A	Jun-16	\$1,000,000	\$1,000,000	Nov-16	\$227,500		
D701RK70	Miscellaneous Structural Rehabilitation	D03661	PM Design F/A	Jun-16	\$1,000,000	\$1,000,000	Nov-16	\$227,500		
D702RK65	Reconstruction of Manhattan Toll Plaza Structure and Ramps	D03652	BC Development F/A	Jun-16	\$56,243	\$56,243	Jun-16	\$56,243		
D704RK07	Electrical/Mechanical Rehab of HR Lift Span	D03419	I/H Design / Build RFP Development	Jun-16	\$250,000	\$250,000	Jun-16	\$286,417		
D704RK21	Installation of Fire Standpipe & Upgrade of Fire Protection System	D03395	PM Construction F/A	Jun-16	\$1,659,983	\$1,659,983	Jul-16	\$1,659,983		
D705RK58	Rehabilitation of the Robert Moses Bldg and Ancillary Facilities	D03639	PM Design F/A	Jun-16	\$800,000	\$800,000				
D707RK70	Miscellaneous Structural Rehabilitation	D03669	PM Design F/A	Jun-16	\$150,000	\$150,000			Dec-16	\$150,000
D702VN11	Brooklyn Approach Reconstruction	D03716	Design	Jun-16	\$2,000,000	\$2,000,000	Sep-16	\$1,490,200		
D704VN30	Elevator Rehabilitation	D03729	BC Development F/A	Jun-16	\$31,633	\$31,633	Jun-16	\$31,633		
				Jun-16 Total	\$13,579,492	\$13,579,492				
D706AW18	Protective Liability Insurance	D03439	2016-APPL	Jul-16	\$2,500,000	\$2,500,000	Jun-16	\$1,406,431		
D701CB18	CB Scour Protect/Repair/Rpl CB/MP Pier Fender Sys	D03575	Conceptual Dsign & Env. Permits	Jul-16	\$1,000,000	\$1,000,000				
D701CB18	CB Scour Protect/Repair/Rpl CB/MP Pier Fender Sys	D03569	PM Design F/A & D/B RFP Dev.	Jul-16	\$609,901	\$609,901			Dec-16	\$609,901
				Jul-16 Total	\$4,109,901	\$4,109,901				
D704BW39	Install Electronic Monitoring & Detection Systems	D03558	PM Const.F/A	Aug-16	\$1,000,000	\$1,000,000				
D704RK60	Installation of Facility-wide Electronic Monitoring and Detection Syste	D03647	PM Construction F/A	Aug-16	\$1,000,000	\$1,000,000				
				Aug-16 Total	\$2,000,000	\$2,000,000				
D704HC30	Install Smoke Detection/Alarm Systems-HCT Vent & Svc. Bldgs.	D03705	PM Design F/A & D/B RFP Dev.	Sep-16	\$200,000	\$200,000			Dec-16	\$200,000
D704HC64	Brooklyn Service Building Electrical Rehab.	D03735	PM Design F/A & D/B RFP Dev.	Sep-16	\$224,973	\$224,973			Dec-16	\$224,973
D705HC80	Rehabilitation of Ventilation Buildings	D03754	PM Design F/A	Sep-16	\$1,000,000	\$1,000,000				
D701HH07	Structural Rehabilitation	D03767	Design (PSC-16-2986)	Sep-16	\$1,200,000	\$1,200,000	Oct-16	\$1,310,535		
D707HH30	Replacement of HHB Overcoat System	D03786	Design (PSC-16-2986)	Sep-16	\$750,863	\$750,863	Oct-16	\$132,756		
D701QM18	Manhattan/Queens Plaza Structural Rehab	D03534	DesignPh. 2	Sep-16	\$5,046,010	\$5,046,010			-	-
D704QM91	Install Smoke Detection/Alarm Systems-QMT Vent & Svc. Bldgs.	D03571	PM Design F/A & D/B RFP Dev.	Sep-16	\$200,000	\$200,000			Dec-16	\$200,000

MTA BRIDGES & TUNNELS
CAPITAL PROGRAM
2016 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
D705QM36	Rehabilitation of Ventilation Building	D03546	PM Design F/A	Sep-16	\$768,803	\$768,803				
D701RK20	Main Bridge Cable Inspection and Rehabilitation	D03607	PM Design F/A	Sep-16	\$865,929	\$865,929				
D702RK23	Construction of New Harlem River Drive Ramp	D03630	BC Development F/A	Sep-16	\$56,243	\$56,243				
D702VN84	Reconstruction of VN Approach Ramps - Ph1	D03404	Design	Sep-16	\$12,500,000	\$12,500,000	Aug-16	\$12,322,717		
D702VN86	Widening of Belt Parkway - Design	D03763	BC Development F/A	Sep-16	\$56,243	\$56,243	Sep-16	\$56,243		
			Sep-16 Total		\$22,869,064	\$22,869,064				
D701TN87	Anchorage & Tower Protection	D03702	PM Design F/A	Oct-16	\$2,000,000	\$2,000,000				
D707VN49	Painting of Suspended Span Upper & Lower Level Steel & Truss	D03827	In-House Design F/A	Oct-16	\$285,000	\$285,000			Dec-16	\$285,000
			Oct-16 Total		\$2,285,000	\$2,285,000				
D703HH88	Reconstruction of Toll Plazas and Southbound Approach	D03793	Construction Adm.	Nov-16	\$6,000,000	\$6,000,000			Dec-16	\$6,433,000
D704HH13	Replacement of Facility Lighting System	D03780	Construction Adm.	Nov-16	\$800,000	\$800,000			Dec-16	\$800,000
D704RK21	Installation of Fire Standpipe & Upgrade of Fire Protection System	D03396	Construction Adm. (I/Q)	Nov-16	\$2,000,000	\$2,000,000			Dec-16	\$2,000,000
			Nov-16 Total		\$8,800,000	\$8,800,000				
D603AW35	Replacement of Weather Information Systems	D02480	3rd Pty-Furnish/install	Dec-16	\$1,871,967	\$1,871,967			Dec-16	\$1,871,967
D603AW35	Replacement of Weather Information Systems	D03325	PM Cns.-Maintenance F/A	Dec-16	\$316,252	\$316,252			Dec-16	\$316,252
D603AW35	Replacement of Weather Information Systems	D03326	Capital Materials Purchase	Dec-16	\$25,000	\$25,000			Dec-16	\$25,000
D706AW28	Scope Development	D03454	PM Design-TD F/A	Dec-16	\$200,000	\$200,000			Dec-16	\$200,000
D701HH89	Skewback Retrofit	D03522	Construction Adm.	Dec-16	\$5,184,930	\$5,184,930			Dec-16	\$5,184,930
D704HH19	Replacement and Upgrade of Substations	D03814	PM Design F/A	Dec-16	\$362,432	\$362,432				
D704RK21	Installation of Fire Standpipe & Upgrade of Fire Protection System	D03397	Design/Build	Dec-16	\$17,043,254	\$17,043,254			Dec-16	\$17,043,254
D704RK21	Installation of Fire Standpipe & Upgrade of Fire Protection System	D03398	Operations F/A	Dec-16	\$243,331	\$243,331			Dec-16	\$243,331
D704VN30	Elevator Rehabilitation	D03730	PM Design F/A	Dec-16	\$700,399	\$700,399			Dec-16	\$700,399
			Dec-16 Total		\$25,947,565	\$25,947,565				
			Grand Total		\$105,526,103	\$105,526,103				
Unplanned Commitments										
ED060201	Sandy Program Administration	E04013	2016 E&C Support(TBTA-E2435)			\$400,000	Jan-16	\$400,000		
ED060201	Sandy Program Administration	E04012	2016 Grants Management(TBTA-E2433)			\$612,700	Jan-16	\$612,700		
D706AW15	MTA Independent Engineer	D03436	3/16-3/19 Independent Engineering Consultant			\$2,290,589	May-16	\$2,290,589		
D706AW10	Enterprise Asset Management	D03848	EAM_B&T_Software Acquisition			\$634,578	May-16	\$634,578		
D606AW22	Miscellaneous	D03847	Risk Assess-BW39/RK60,HH89			\$124,685	Jun-16	\$124,685		
D703AW65	Toll Collection System Rehabilitation/Upgrades	D03851	ORT Design QMT PSC-12-2891L,WO#91			\$1,711,403	Aug-16	\$1,711,403		
D703AW65	Toll Collection System Rehabilitation/Upgrades	D03866	ORT Art Design PSC-12-2891E,WO#97			\$1,575,000	Aug-16	\$1,575,000		

MTA BRIDGES & TUNNELS
CAPITAL PROGRAM
2016 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
D703AW65	Toll Collection System Rehabilitation/Upgrades	D03850	ORT Design BBT PSC-12-2891L, WO# 91			\$1,711,403	Aug-16	\$1,711,403		
D605AW12	Hazardous Materials Abatement	D03860	QMT-ORT Survey PSC-12-2907C/WO#79			\$15,000	Aug-16	\$40,717		
D606AW22	Miscellaneous	D08362	Independent D/B Review-BW39 & RK60			\$5,400	Aug-16	\$5,400		
D605AW12	Hazardous Materials Abatement	D03859	BBT-ORT Survey PSC-12-2907A/WO#77			\$20,739	Aug-16	\$20,739		
D703AW65	Toll Collection System Rehabilitation/ Upgrade	D03855	ORT Civil BBT- BB28/28S			\$775,437	Sep-16	\$775,437		
D703AW65	Toll Collection System Rehabilitation/ Upgrade	D03865	ORT Design Bridges-PSC-12-2891F WO#96			\$3,068,960	Sep-16	\$3,068,960		
D703AW65	Toll Collection System Rehabilitation/ Upgrade	D03867	ORT BIM-PSC-15-2973D WO#6			\$224,610	Sep-16	\$224,610		
D703AW63	Replace Toll Equipment & New Toll Initiatives	D03863	ORT -BBT Design PSC-13-2941A			\$308,673	Oct-16	\$308,673		
D703AW63	Replace Toll Equipment & New Toll Initiatives	D03864	ORT -QMT Design PSC-13-2941A			\$317,975	Oct-16	\$317,975		
D703AW63	Replace Toll Equipment & New Toll Initiatives	D03868	ORT -BBT Kapsch-07-IAG-2782A			\$130,371	Oct-16	\$130,371		
D703AW63	Replace Toll Equipment & New Toll Initiatives	D03869	ORT -QMT Kapsch-07-IAG-2782A			\$182,927	Oct-16	\$182,927		
D703AW63	Replace Toll Equipment & New Toll Initiatives	D03888	ORT-Transcore			\$64,711,314	Nov-16	\$64,711,314		
D703AW65	Toll Collection System Rehabilitation/ Upgrade	D03874	ORT- Program Support (PSC-12-2922)			\$6,413,771	Nov-16	\$6,413,771		
D703HH88	Toll Plaza and Southbound Approach Reconstruction	D03884	Demolition of Upper Level Tollbooths(HH88A)			\$1,155,000	Nov-16	\$1,155,000		
D606AW28	Scope Development	D02476	ITS-Scope Development-OCCC			\$551,073	Nov-16	\$551,073		
D606AW28	Scope Development	D03873	Scoping-TD Systems (PSC-15-2980B/ WO #1)			\$40,000	Nov-16	\$40,000		
D606AW28	Scope Development	D03882	Scoping-TD Systems (PSC-15-2980A/ WO #1)			\$40,000	Nov-16	\$40,000		
D703HC63	Open Road Tolling Initiative at HLCT	D03908	ORT-Civil Construction BB28/28B			\$4,633,690	Nov-16	\$4,633,690		
ED010228	Restore Hugh L. Carey Tunnel-Structural	E04337	Construction Tile NYS Branding			\$5,440,167	Nov-16	\$5,440,167		
ED010228	Restore Hugh L. Carey Tunnel-Structural	E04336	Construction			\$26,059,834	Nov-16	\$26,059,834		
D703QM63	Open Road Tolling Initiative at QMT	D03914	ORT-Civil Construction QM40/18			\$9,926,700	Nov-16	\$9,926,700		
ED010240	Restore Queens Midtown Tunnel-Structural	E04339	Construction Tile NYS Branding			\$6,250,650	Nov-16	\$6,250,650		
ED010241	Restore Queens Midtown Tunnel-Structural	E04338	Construction			\$24,570,000	Nov-16	\$24,570,000		
Grand Total					\$105,526,103	\$269,428,752	YTD Total	\$210,838,621	Remaining	\$37,088,007
									Grand Total	\$247,926,628

MTA Bridges and Tunnels: Status of 2015 Major Commitments as of November 30, 2016

Project		Budget (\$ in Millions)			Award Date			Notes
		2015 Goal	Actual / Forecast*	Budgeted Value	2015 Goal	Advertisement Date	Actual / Forecast	
D702RK23	Construction of New Harlem River Drive Ramp - MOU (RK23)	\$15.0	\$22.9	\$26.3	Jun-15	N/A	May-16	A 1

Note 1: Additional time is required to negotiate the terms of contract with New York City DOT and their contractor. Start forecast revised to December 2016 for better coordination with the City and contractor.

**MTA BRIDGES & TUNNELS
CAPITAL PROGRAM
2015 CAPITAL MILESTONE BACK-UP - AWARDS**

ACEP	Project Description	IMPACT		Original Goal Start Date	Goal Start Date	Goal Value	Budget Value	Actual Start Date	Actual Value	Forecast	
		Task	Task Description							Start Date	Forecast Value
ED040303	Flood Mitigation- Generator at GIVB	E03434	Design during construction	Jun-15	Feb-16	\$58,267.00	\$75,000	May-16	\$58,267		
ED040207	Replace MPB Electrical Equipmt at North Abutment	E03429	CSS	Jun-15	Feb-16	\$53,605.00	\$160,000	Jan-16	\$53,605		
ED040210	Repl CBB Mech&Elect Equip-S. Abutment & Svc Bldg	E03463	CSS - SI	Jun-15	Feb-16	\$21,433.00	\$21,433	Jan-16	\$21,433		
ED040210	Repl CBB Mech&Elect Equip-S. Abutment & Svc Bldg	E03427	CSS	Jun-15	Feb-16	\$85,839.00	\$278,567	Jan-16	\$85,839		
D602RK75	Interim Repairs - Toll Plaza Deck	D02721	Constr. Ph II - Demo Unoccupied Spaces at MPLz	Nov-15	Feb-16	\$14,795,020	\$14,795,020	Apr-16	\$14,795,020		
D602TN49	Suspended Span Replacement - Phase A	D03212	Lab. Testing-Prototype Deck	Sep-15	Feb-16	\$3,526,443	\$3,526,443	Feb-16	\$3,526,443		
D602TN49	Suspended Span Replacement - Phase A	D03330	Prototype Orthotropic Deck	Sep-15	Feb-16	\$1,306,385	\$1,306,385	Feb-16	\$1,422,173		
					Feb-16 Total	\$19,846,992	\$20,162,848				
D604MP03	Programmable Logic Controller & Mechanical Rehab.	D03201	Ph1-D/B Stipend #1 - Mass Electric	Sep-15	Mar-16	\$60,000	\$60,000	Mar-16	\$60,000		
D604MP03	Programmable Logic Controller & Mechanical Rehab.	D03842	Ph 1-D/B Stipend #2 - T. Moriarty and Sons	Sep-15	Mar-16	\$60,000	\$60,000	Mar-16	\$60,000		
					Mar-16 Total	\$120,000	\$120,000				
D702RK23	Construction of New Harlem River Drive Ramp	D03631	MOU - NYC DOT - Ramp HRD	Jun-15	Dec-16	\$26,318,636	\$26,318,636	May-16	\$22,900,000		
					Dec-16 Total	\$26,318,636	\$26,318,636				
					Grand Total	\$46,285,628	\$46,601,484	YTD Total	\$42,982,780		
										Remaining:	\$0

MTA BRIDGES & TUNNELS
CAPITAL PROGRAM
2015 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
D601BW07	Tower and Pier Fender Protection-Phase 1	Study/Project	Sep-15	Jun-16	\$3,308,868	\$3,308,868	Jun-16	\$3,308,868		
				Jun-16 Total	\$3,308,868	\$3,308,868				
				Grand Total	\$3,308,868	\$3,308,868				\$0

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



Bridges and Tunnels

Procurements December 2016



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	11/30/2016
Vendor Name	
Contract Number	
Contract Manager Name	
Table of Contents Ref #	

Board Action					
Order	To	Date	Approval	Info	Other
1	President	11/30/16			
2	MTA B&T Committee	12/12/16			
3	MTA Board	12/14/16			

Internal Approvals			
Order	Approval	Order	Approval
	President <i>RT</i>		VP Operations
	Executive Vice President		VP & Chief Engineer
	SVP & General Counsel		VP & Chief Procurement Officer <i>CPM</i>
	VP Administration		

Internal Approvals (cont.)							
Order	Approval	Order	Approval	Order	Approval	Order	Approval
	Chief Financial Officer <i>AF</i>		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:

<u>Schedules Requiring Two-Thirds Vote:</u>	<u># of Actions</u>	<u>\$ Amount</u>
Schedule C: Competitive Requests for Proposals (Award of Purchase and Public Work Contracts)	1	\$64.78M
<u>Schedules Requiring Majority Vote:</u>	<u># of Actions</u>	<u>\$ Amount</u>
Schedule H: Modifications to Personal Service Contracts and Miscellaneous Service Contracts	2	\$ 3.17M
SUBTOTAL	3	\$67.95M

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

TOTAL	3	\$67.95M
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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.)

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
DECEMBER 2016

MTA BRIDGES & TUNNELS

Procurements Requiring Two-Thirds Vote:

C: Competitive Requests for Proposals (Award of Purchase and Public Work Contracts)
(Staff Summaries required for items requiring Board approval)

- | | | |
|-----------------------------------|------------------------|--------------------------------------|
| 1. Judlau Contracting Inc. | \$64,784,000.00 | <u>Staff Summary Attached</u> |
| Contract No. TUN-MIT-01 | | |

2yr, 6 month Contract- Competitive RFP

B&T is seeking Board approval under the All-Agency General Contract Procurement Guidelines to award a competitively solicited public work contract for Design-Build Services for Flood Mitigation at the Hugh L. Carey Tunnel and Queens Midtown Tunnel to Judlau Contracting, Inc. (Judlau).

Procurements Requiring Majority Vote:

H: Modifications to Personal Service Contracts and Miscellaneous Service Contracts
(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. WSP Sells/ HNTB, JV | \$2,471,525.00 | <u>Staff Summary Attached</u> |
| Contract No. PSC-14-2957 | | |

2yr Contract- Competitive RFP

B&T is seeking Board Approval in accordance with the All-Agency Service Contract Procurement Guidelines to amend a personal service Contract No. PSC-14-2957 with WSP SELLS | HNTB, JV for additional work to implement Open Road Tolling (ORT) at the Robert F. Kennedy Bridge (RFK Bridge).

- | | | |
|---|---------------------|--------------------------------------|
| 2. Shaw Environmental and Infrastructure Engineering of New York, P.C. | \$700,009.69 | <u>Staff Summary Attached</u> |
| Contract No. PSC-13-2937 | | |

2yr, 8months Contract- Competitive RFP

B&T is seeking Board Approval in accordance with the All-Agency Service Contract Procurement Guidelines to amend Contract No. PSC-13-2937 with Shaw Environmental and Infrastructure Engineering of New York, P.C. (Shaw) to provide additional construction management and inspection services.

Staff Summary

Page 1 of 2

Item Number 1					
Dept & Dept Head Name: Romolo DeSantis, P.E. <i>R. DeSantis</i>					
Division & Division Head Name: Joe Keane, P.E., V.P. <i>Joe Keane</i>					
Board Reviews					
Order	To	Date	Approval	Info	Other
1	President	11/30/16			
2	MTA B&T Committee	12/12/16			
3	MTA Board	12/14/16			
Internal Approvals					
Order	Approval	Order	Approval		
1	Chief Financial Officer <i>Alano</i>	4	Executive Vice President		
2	General Counsel <i>mm</i>	5	President <i>JS</i>		
3	Chief Procurement Officer <i>OM</i>				

SUMMARY INFORMATION	
Vendor Name Judlau Contracting, Inc.	Contract Number TUN-MIT-01
Description Design-Build Services for Flood Mitigation at the Hugh L. Carey Tunnel and Queens Midtown Tunnel	
Total Amount Judlau Award - \$64,784,000 Stipends - \$300,000	
Contract Term (including Options, if any) Two (2) years, six (6) months	
Option(s) included in Total Amount? <input checked="" type="checkbox"/> Yes <input 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 type="checkbox"/> Capital <input checked="" type="checkbox"/> Federal <input type="checkbox"/> Other:	

Narrative

I. PURPOSE/RECOMMENDATION

B&T is seeking Board approval under the All-Agency General Contract Procurement Guidelines to award a competitively solicited public work contract for Design-Build Services for Flood Mitigation at the Hugh L. Carey Tunnel and Queens Midtown Tunnel to Judlau Contracting, Inc. (Judlau) for a period of two years, six months at a price of \$64,784,000. In accordance with the MTA Design-Build Best Practice Guidance, in order to enhance competition and defray proposal costs, this solicitation included stipends to be paid to each unsuccessful proposer in the amount of \$100,000 whose proposal met a defined standard. Accordingly, approval is also requested to pay stipends totaling \$300,000.

II. DISCUSSION

In November 2015, the Board authorized B&T to enter into a competitive Request for Proposal (RFP) process for design-build services for Flood Mitigation at the Hugh L. Carey Tunnel (HLCT) and Queen-Midtown Tunnel (QMT). The Work requires the design, construction, operation, and maintenance of a comprehensive flood mitigation program to protect tunnel entrances and plazas at the HLCT, Governors Island Ventilation Building (GIVB) and QMT.

The service requirements were publicly advertised, four firms submitted qualification information and based on a review of their qualifications all four firms were deemed qualified to receive the RFP. All four firms submitted proposals. The design-build proposers are Judlau; Halmar International, LLC; John P. Picone and Tully Construction Co., Inc. The

(rev. 1/22/14)

Staff Summary

proposals were evaluated against established criteria set forth in the RFP, including proposed price, schedule, design-build technical approach, management approach and organizational structure. Evaluations were based on the selection criteria and oral presentations. The committee recommended Judlau as the highest rated firm. The committee's basis for the selection included: (i) innovative design and construction for the GIVB seawall and other permanent mitigation solutions; (ii) emphasis on the utilization of permanent flood mitigation solutions in lieu of deployable (temporary) solutions, which result in reduced life-cycle costs; (iii) a proposed aggressive schedule which reduces substantial completion of the Project by six months and (iv) the agreement that Judlau's proposal is the best overall value and is deemed most advantageous to B&T as compared to the other proposers.

On October 5, 2016, New York State Governor Cuomo announced the implementation of cashless all-electronic Open Road Tolling (ORT) for adoption at all B&T facilities as part of the New York Crossings Project (NYCP). This method of toll collection does not require vehicles to stop. To coordinate with the implementation of ORT, as part of the NYCP B&T is accelerating the substantial completion date of the Superstorm Sandy rehabilitation of the Hugh L. Carey Tunnel (HLCT) and Queens Midtown Tunnel (QMT) from December 11, 2018 to March 31, 2018 and from April 22, 2019 to July 9, 2018, respectively. These measures were MTA Board approved on October 28, 2016 and are presently underway.

The NYCP includes investments for protecting B&T's tunnel facilities. B&T Project TUN-MIT-01 proposes to design and construct permanent and deployable flood protection measures for the HLCT, including the GIVB, and the QMT. The flood protection systems are expected to mitigate the risk of future damage to the tunnels from water intrusion and flooding from a major storm event. The Project includes a milestone date of December 31, 2017 for the design, installation and operation of flood protection barriers at each of the eight tunnel portals in advance of substantial completion of the HLCT and QMT tunnel rehabilitation construction projects. The remaining flood protection measures will be completed by the design-build contractor and will meet or exceed the current level of protection recommended by the Federal Emergency Management Agency.

Judlau submitted a proposal in the amount of \$64,784,000. The Engineer's estimate is \$68,883,170. Negotiations are ongoing and may result in a lower negotiated price. Based on the above, the total amount of this award will not exceed \$64,784,000. The price is 6.0% below the estimate and is considered fair and reasonable.

In connection with a previous contract awarded to the Contractor, 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 on December 16, 2013. No new SAI has been found related to the Contractor and Judlau has been found to be responsible.

III. D/M/WBE INFORMATION

The MTA DDCR has established goals of 15% MBE and 15% WBE for the Contract. Judlau Contracting, Inc. continues to demonstrate good faith efforts while attempting to achieve its MWBE goals.

IV. IMPACT ON FUNDING

B&T Project TUN-MIT-01 proposes to consolidate the scope of work and funding for six MTA Board approved projects into three projects under a single procurement. B&T proposes to consolidate Projects ED010301, ED010302, ED040304 and ED050303 at the Hugh L. Carey, including the GIVB building into Project ED010301 and ED050303. B&T proposes at the QMT to consolidate Projects ED010303 and ED010304 into Project ED010304.

Funding is available in the 2010-2014 Sandy Capital Program under Projects ED010301 (\$31,722,000), ED010304 (\$22,922,000) and ED050303 (\$8,050,000) for a total of (\$62,694,000.00) and in the Operating Budget under Projects HCM-373 and QMM-354 totaling (\$2,090,000). The impact of this proposed action results in a reallocation of funds between four projects in the 2010-2014 Sandy Capital Program.

(rev. 1/22/14)



Staff Summary

V. ALTERNATIVES

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

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

Item Number: **1**

Vendor Name (& Location) WSP SELLS HNTB, JV		Contract Number PSC-14-2957	AWO/Modification 1
Description Feasibility Study and Conceptual Design for Project RK-65B, Reconstruction of Manhattan Plaza of the RFK Bridge and Associated Ramps		Original Amount: \$3,641,416.00	
Contract Term (including Options, if any) December 24, 2014 – December 23, 2016		Prior Modifications: \$0.00	
Option(s) included in Total Amount? <input 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: \$3,641,416.00	
Solicitation Type	<input checked="" type="checkbox"/> RFP <input type="checkbox"/> Bid <input type="checkbox"/> Other:	This Request: \$2,471,525.00	
Funding Source		% of This Request to Current Amount: 67.9%	
<input type="checkbox"/> Operating <input checked="" type="checkbox"/> Capital <input type="checkbox"/> Federal <input type="checkbox"/> Other:		% of Modifications (including This Request) to Original Amount: 67.9%	
Requesting Dept/Div & Dept/Div Head Name: VP and Chief Engineer, Joe Keane			

Discussion

B&T is seeking Board Approval in accordance with the All-Agency Guidelines for Procurement of Services to amend a personal service Contract No. PSC-14-2957 with WSP SELLS | HNTB, JV for additional work in the negotiated amount of \$2,471,525 to implement Open Road Tolling (ORT) at the Robert F. Kennedy Bridge (RFK Bridge) and for a 2-year time extension. This Contract was awarded to WSP SELLS | HNTB, JV in December 2014 on a competitive basis in the amount of \$3,641,416 for a duration of two years to conduct a feasibility study and conceptual design for Project RK-65B, Reconstruction of the Manhattan Plaza of the RFK Bridge and Associated Ramps.

As previously announced, B&T intends to implement ORT at all of its toll facilities in an expedited manner. To meet the accelerated schedule for full implementation of ORT, maximize efficiencies, minimize customer inconvenience and ensure safe passage, B&T intends to engage existing consultants and contractors to perform this work. Contract PSC-14-2957 services include design, investigation and testing necessary to determine the feasibility of potential tolling alternatives and include (i) traffic studies; (ii) coordination with other B&T and surrounding regional improvement projects; (iii) structural and geotechnical investigation; (iv) property and jurisdictional issues; (v) environmental issues; (vi) staff relocation/space repurposing; (vii) realignment/ relocation of ramps; (viii) advancing enabling projects to a 40% design level; and (ix) cost estimating. B&T informed the Board at the time that it would return and seek approval for resultant design and associated construction support services.

Under this proposed amendment the scope will be expanded to include design of new ORT gantries including related civil work at RFK Bridge, designs for a new and more technologically advanced Operations Command and Control Center (OCCC) needed to centrally monitor and control existing and new operational functions Authority-wide now to be located at the new Training Building, construction support services and drawings for demolition of the Manhattan Toll Plaza.

WSP SELLS | HNTB, JV proposed a cost of \$3,079,111.22. The negotiated amount of \$2,471,525 is 6.8% less than the Engineer's Estimate of \$2,652,000 and is considered fair and reasonable. On August 24, 2016, B&T provided verbal authorization of \$250,000 to WSP SELLS | HNTB, JV to commence the design work required in order to meet B&T's aggressive schedule.

Funding is available in the 2015-2019 Capital Program under Projects D703/AW65/D03878. (\$1,739,836) and D705/AW66/D03492 (\$731,689), and is being reallocated to establish project D703RK63 in B&T's 2015-2019 Capital Program for this RFK ORT work. Approval for other ORT related costs including system integration and ancillary work will be requested under a separate contract.

This action modifies B&T's 2015-2019 Capital Program, and the proposed modification seeks to add projects (including this one—D703RK63) related to the implementation of ORT at all B&T facilities. The funding for ORT initiatives will be achieved through efficiencies generated from other projects, including from previously planned toll plaza work that will no longer need to be performed because of ORT. No critical state of good repair work is affected as a result of these programmatic modifications.

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

Item Number: 2

Vendor Name (& Location) Shaw Environmental and Infrastructure Engineering of New York, P.C.		Contract Number PSC-13-2937	AWO/Modification 7
Description Construction Management and Inspection Services for Project RK-65R2, TBTA Training Facility at Randall's Island		Original Amount: \$1,500,616.46	
Contract Term (including Options, if any) June 9, 2014 – January 30, 2017		Prior Modifications: \$273,834.00	
Option(s) included in Total Amount? <input 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: \$1,774,450.46	
Solicitation Type	<input checked="" type="checkbox"/> RFP <input type="checkbox"/> Bid <input type="checkbox"/> Other:	This Request: \$700,009.69	
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: 39.5%	
Requesting Dept/Div & Dept/Div Head Name: VP and Chief Engineer, Joe Keane		% of Modifications (including This Request) to Original Amount: 64.9%	

Discussion

B&T is seeking Board Approval in accordance with the All-Agency Guidelines for Procurement of Services to amend Contract No. PSC-13-2937 with Shaw Environmental and Infrastructure Engineering of New York, P.C. (Shaw) to provide additional construction management and inspection services in the negotiated amount of \$700,009.69 and for an 11-month time extension. This Contract was awarded to Shaw in June, 2014 on a competitive basis in the amount of \$1,500,616.46 and for a duration of twenty-two months to provide construction management and inspection services for Design-Build Project RK-65R2, TBTA Training Facility at Randall's Island. Under previous amendments services were increased and the contract duration was extended through January 2017 to accommodate changes to the construction project.

As previously announced, B&T desires to implement ORT at all of its toll facilities in an expedited manner. B&T plans to monitor and control these new ORT functions from a new and expanded central Operations Command and Control Center. The Command and Control Center will be installed on the second floor of this Training Facility as a new task under a competitively solicited construction services contract. Contract PSC-13-2937 services include construction management and inspection services for the construction of the TBTA Training Facility and Shaw personnel recently completed management of electrical and mechanical systems commissioning. Under this proposed amendment Shaw's scope will be expanded to include construction management and inspection services for the new Command and Control Center. Shaw's construction management team are intimately familiar with the new building and are still engaged in final closeout and commissioning of the building systems. Shaw's already established team are the best equipped to provide the additional construction management services that will be required for the fast track delivery of the new Control Center. Extending their current contract allows Shaw to leverage their existing knowledge of the building systems and to maintain a continuity of their services is deemed to be the most advantageous means of providing best value construction management services for this project.

Shaw proposed a cost of \$825,791.98 for these services and B&T's estimate is \$746,000. The negotiated amount of \$700,009.69 is deemed to be fair and reasonable based on the favorable comparison to the estimate and the short timeframe in which the work must be completed.

Funding is available in the 2015-2019 Capital Program under Project D705/AW66/D03491.



Bridges and Tunnels

Diversity Report Third Quarter 2016



2016 THIRD QUARTER EEO REPORT

AGENCY NAME: **Bridges and Tunnels**

NEW HIRES AS OF SEPTEMBER 30, 2016

JOB CATEGORY	TOTAL ¹	FEMALES ²		Minorities		Non-Minorities		BLACKS		HISPANICS		ASIANS		AI/AN		NHOPI		OTHER	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
Officials & Administrators	11	2	18%	6	55%	5	45%	5	45%	0	0%	1	9%	0	0%	0	0%	0	0%
Professionals	37	15	41%	21	57%	16	43%	8	22%	3	8%	7	19%	0	0%	0	0%	3	8%
Technicians	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Protective Services	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Paraprofessionals	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Administrative Support	1	1	100%	1	100%	0	0%	0	0%	1	100%	0	0%	0	0%	0	0%	0	0%
Skilled Craft	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Service Maintenance	28	1	4%	15	54%	13	46%	8	29%	7	25%	0	0%	0	0%	0	0%	0	0%
Total	77	19	25%	43	56%	34	44%	21	27%	11	14%	8	10%	0	0%	0	0%	3	4%

¹ Total includes males and females, both minority and non-minority.

² Total includes females, both minority and non-minority.

2016 THIRD QUARTER EEO REPORT**AGENCY NAME: BRIDGES AND TUNNELS**

EEO AND TITLE VI COMPLAINTS
Third Quarter 2016 vs. Third Quarter 2015

CATEGORY	RACE/ COLOR		SEXUAL HARASSMENT		AGE		GENDER		RELIGION		NATIONAL ORIGIN		DISABILITY		OTHER ²		TOTAL ISSUES ³		TOTAL CASES		STATUS OPEN	
Years	16	15	16	15	16	15	16	15	16	15	16	15	16	15	16	15	16	15	16	15	16	15
EEO TOTAL	7	4	0	0	1	1	15	16	2	1	2	1	3	2	8	5	38	30	26	20	9	17
External	3	4	0	0	1	1	0	4	1	1	1	1	2	2	3	4	11	17	6	7	4	5
Internal	4	0	0	0	0	0	15	12	1	0	1	0	1	0	5	1	27	13	20	13	5	12

CATEGORY	RACE		COLOR		NATIONAL ORIGIN		INCOME		TOTAL ISSUES ³		TOTAL CASES		STATUS OPEN	
Years	16	15	16	15	16	15	16	15	16	15	16	15	16	15
Title VI	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1. This chart includes all pending matters as of the date of the report; including matters filed prior to the reporting period.
2. "Other" contains all EEO categories not otherwise specifically mentioned on the chart (i.e., sexual orientation, military status, marital status, arrest/conviction record or retaliation, etc.)
3. In some instances, a single complaint may involve two or more EEO categories.

Reporting Period as of September 30, 2016 vs September 30, 2015

2016 THIRD QUARTER EEO REPORTAGENCY NAME: **BRIDGES AND TUNNELS****EEO AND TITLE VI COMPLAINT RESOLUTIONS****Third Quarter 2016 vs. Third Quarter 2015**

	DECIDED IN FAVOR OF AGENCY		DECIDED IN FAVOR OF COMPLAINANT		ADMINISTRATIVE CLOSURE		WITHDRAWN		DISMISSED		RESOLVED/ SETTLEMENT		TOTAL CASES	
Years	16	15	16	15	16	15	16	15	16	15	16	15	16	15
EEO Total	4	1	2	0	0	1	0	0	0	1	11	0	17	3
External	2	1 ¹	0	0	0	0	0	0	0	1 ²	0	0	2	2
Internal	2	0	2	0	0	1	0	0	0	0	11	0	15	1

TITLE VI DISCRIMINATION COMPLAINT RESOLUTIONS**Third Quarter 2016 vs. Third Quarter 2015**

	DECIDED IN FAVOR OF AGENCY		DECIDED IN FAVOR OF COMPLAINANT		ADMINISTRATIVE CLOSURE		WITHDRAWN		DISMISSAL		RESOLVED/ SETTLEMENT		TOTAL CASES	
Years	16	15	16	15	16	15	16	15	16	15	16	15	16	15
Title VI	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Reporting Period as of September 30, 2016 vs September 30, 2015

Note 1: New York State Division of Human Rights ruled No Probable Cause in Favor of the Agency.

Note 2: U.S. Equal Employment Opportunity Commission issued a Dismissal and Right to Sue 09/30/2015.